

## Assessment of Oral Health Status and Gender-Based Disparities Among Adults in Murad Nagar: A Cross-Sectional Study

Sanchita Tiwari<sup>1</sup>

<sup>1</sup>Intern, ITS Dental College, Muradnagar.

**Corresponding Author :**

**Sanchita Tiwari**

E-mail ID:sanchita.tiwari2411@gmail.com

Submission: 09.12.2025

Acceptance: 18.12.2025

Publication: 30.12.2025

[https://www.doi.org/10.63778/CJID-DRJPL/2025\\_30127](https://www.doi.org/10.63778/CJID-DRJPL/2025_30127)



### Abstract

**Background:** Oral health is a critical component of systemic well-being, yet oral diseases remain prevalent in developing nations due to limited access and low awareness.

**Aim:** This study evaluated the prevalence of gingivitis, periodontal pockets, and dental caries among adults in Murad Nagar and explored gender-based differences.

**Materials and Methods:** A cross-sectional study was conducted among 300 adults (Aged 19–82 years). Clinical examinations were performed to assess oral health status, and data were analyzed using Chi-square tests ( $p < 0.05$ ).

**Results:** The overall prevalence was 63.3% for gingivitis, 59.4% for periodontal pockets, and 51.1% for dental caries. Women showed a significantly higher prevalence of gingivitis (76.6%) compared to men (48.8%) ( $p < 0.05$ ).

**Conclusion:** Oral diseases are widespread in Murad Nagar, with a notable gender disparity in gingival health. Targeted preventive strategies and gender-sensitive dental care are urgently required.

**Key Words :** Oral Health, Gingivitis, Periodontal Pockets, Dental Caries, Community Health

### Introduction

Oral health is widely recognized as a "mirror to overall health," particularly in developing nations where preventable conditions like gingivitis and dental caries silently affect millions. In India, despite significant advancements in clinical dentistry, oral diseases frequently remain undetected and untreated due to limited access to care, socio-economic barriers, and inconsistent hygiene practices<sup>(1,3,13)</sup>.

Murad Nagar, a semi-urban town, presents a unique demographic for evaluating the real-life oral health status of adult residents<sup>(6,12)</sup>. Emerging evidence suggests that gender may play a significant role in the prevalence and progression of common dental diseases, necessitating a deeper investigation into these disparities to improve public health outcomes<sup>(2,10)</sup>.

### 2. Aim and Objectives

**Aim:** To assess the prevalence of gingivitis, periodontal pockets, and dental caries among adults in Murad Nagar and to determine if gender influences these conditions.

#### Objectives:

1. To assess the prevalence of gingivitis, periodontal pockets, and dental caries.
2. To compare male and female susceptibility to these dental conditions.
3. To determine if gender-based differences in oral health status are statistically significant.

### 3. Materials and Methodology

**Study Design:** A cross-sectional, descriptive study was conducted.

**Study Design:** A cross-sectional, descriptive study was conducted.

**Participants:** A total of 300 adults were included in the final analysis (Mean Age: 40.48 years; Age Range: 19–82 years).

**Gender Distribution:** To maintain original ratios, the sample comprised 157 females (52.2%) and 143 males (47.8%)





World Health Organization  
Oral Health Assessment Form for Adults, 2013

**Annex 3**

|   |                          |                                       |                           |   |                                 |                           |
|---|--------------------------|---------------------------------------|---------------------------|---|---------------------------------|---------------------------|
| Leave blank   | Year                     | Month                                 | Day                       | Identification No.  | Orig/Dupl                       | Examiner                  |
| (1) <input type="text"/>                                    | (4) <input type="text"/> | (5) <input type="text"/>              | (10) <input type="text"/> | (11) <input type="text"/>                                       | (14) <input type="text"/>       | (15) <input type="text"/> |
| General information:  |                          |                                       |                           | Sex 1: M, 2: F  | Date of birth                   | Age in years              |
| (Name) <input type="text"/>                                 |                          |                                       |                           | (18) <input type="text"/>                                       | (19) <input type="text"/>       | (24) <input type="text"/> |
| Ethnic group (27) <input type="text"/>                      |                          | Other group (29) <input type="text"/> |                           | Years in school (31) <input type="text"/>                       | Occupation <input type="text"/> |                           |
| Community (geographical location) (34) <input type="text"/> |                          | (35) <input type="text"/>             |                           | Location Urban (1) Periurban (2) Rural (3) <input type="text"/> |                                 | (36)                      |
| Other data <input type="text"/>                             |                          | (37) <input type="text"/>             |                           | Other data <input type="text"/>                                 |                                 | (39) <input type="text"/> |
| Other data <input type="text"/>                             |                          | (41) <input type="text"/>             |                           | Extra-oral examination <input type="text"/>                     |                                 | (43) <input type="text"/> |
|   |                          |                                       |                           |   |                                 | (44) <input type="text"/> |

  

|  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----|--|----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|-----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|-------|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|-------|-----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|-----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|-----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|--------------------------|--------------------------|--|-----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| <p><b>Dentition status by tooth surface</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 5%;">18</td><td>17</td><td>16</td><td>15</td><td>14</td><td>13</td><td>12</td><td>11</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td style="width: 5%;"></td> </tr> <tr> <td>Occ</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Mrs</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Buc</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Dis</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Oral</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="17" style="text-align: right;">(45-54)</td> </tr> <tr> <td style="width: 5%;"></td> <td>48</td><td>47</td><td>46</td><td>45</td><td>44</td><td>43</td><td>42</td><td>41</td><td>31</td><td>32</td><td>33</td><td>34</td><td>245</td><td>26</td><td>37</td><td>38</td> <td style="width: 5%;"></td> </tr> <tr> <td>Occ</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Mrs</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Buc</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Dis</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Oral</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="17" style="text-align: right;">(119-128)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(129-144)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(145-160)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(161-176)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(177-192)</td> </tr> </table> |                          | 18                       | 17                       | 16                       | 15                       | 14                                  | 13                                  | 12                                  | 11                                  | 21                                  | 22                                  | 23                       | 24                       | 25                       | 26                       | 27                       | 28 |  | Occ            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Mrs          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Buc   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Dis | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                | Oral                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |              | (45-54)                  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 31 | 32 | 33 | 34 | 245 | 26 | 37 | 38 |       | Occ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Mrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Buc | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> |  | Dis | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Oral | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | (119-128) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (129-144) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (145-160) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (161-176) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (177-192) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p><b>Permanent teeth</b></p> <p>Status</p> <p>0 = Healthy<br/>1 = Caries<br/>2 = Filled w/caries<br/>3 = Filled no/caries<br/>4 = Missing due to caries<br/>5 = Missing for another reason<br/>6 = Fissure reason<br/>7 = Fixed partial denture / crown, abutment, veneer, implant<br/>8 = Une rupted<br/>9 = Not recorded</p> |
|  | 18                       | 17                       | 16                       | 15                       | 14                       | 13                                  | 12                                  | 11                                  | 21                                  | 22                                  | 23                                  | 24                       | 25                       | 26                       | 27                       | 28                       |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Occ  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Mrs  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Buc  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Dis  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Oral   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (45-54)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  | 48                       | 47                       | 46                       | 45                       | 44                       | 43                                  | 42                                  | 41                                  | 31                                  | 32                                  | 33                                  | 34                       | 245                      | 26                       | 37                       | 38                       |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Occ  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Mrs  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Buc  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Dis  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Oral   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (119-128)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (129-144)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (145-160)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (161-176)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (177-192)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| <p><b>Periodontal status (CPI Modified)</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 5%;">18</td><td>17</td><td>16</td><td>15</td><td>14</td><td>13</td><td>12</td><td>11</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> <td style="width: 5%;"></td> </tr> <tr> <td>Bleeding (193)</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Pocket (209)</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="17" style="text-align: right;">(208)</td> </tr> <tr> <td style="width: 5%;"></td> <td>48</td><td>47</td><td>46</td><td>45</td><td>44</td><td>43</td><td>42</td><td>41</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td> <td style="width: 5%;"></td> </tr> <tr> <td>Bleeding (225)</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td>Pocket (241)</td> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="17" style="text-align: right;">(240)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(241)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(240)</td> </tr> <tr> <td colspan="17" style="text-align: right;">(256)</td> </tr> </table>  |                          | 18                       | 17                       | 16                       | 15                       | 14                                  | 13                                  | 12                                  | 11                                  | 21                                  | 22                                  | 23                       | 24                       | 25                       | 26                       | 27                       | 28 |  | Bleeding (193) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | Pocket (209) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | (208) |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  | 48  | 47                       | 46                       | 45                       | 44                       | 43                       | 42                       | 41                       | 31                       | 32                       | 33                       | 34                       | 35                       | 36                       | 37                       | 38                       |                          | Bleeding (225) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          | Pocket (241) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | (240) |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    | (241) |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          | (240)                    |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          | (256)                    |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          | <p><b>Gingival bleeding</b></p> <p>Score</p> <p>0 = Absence of condition<br/>1 = Presence of condition<br/>9 = Tooth excluded<br/>X = Tooth not present</p> <p><b>Pocket</b></p> <p>Score</p> <p>0 = Absence of condition<br/>1 = Pocket 4-5 mm<br/>2 = Pocket 6 mm or more<br/>9 = Tooth excluded<br/>X = Tooth not present</p> |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  | 18                       | 17                       | 16                       | 15                       | 14                       | 13                                  | 12                                  | 11                                  | 21                                  | 22                                  | 23                                  | 24                       | 25                       | 26                       | 27                       | 28                       |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Bleeding (193)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Pocket (209)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (208)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  | 48                       | 47                       | 46                       | 45                       | 44                       | 43                                  | 42                                  | 41                                  | 31                                  | 32                                  | 33                                  | 34                       | 35                       | 36                       | 37                       | 38                       |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Bleeding (225)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Pocket (241)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (240)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (241)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (240)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| (256)  |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |    |  |                |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |       |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |       |     |                          |                          |                          |                          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |                          |                          |  |     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |

Figure 1 & 2: Oral health assessment conducted during dental Community Awareness Programs (CAMs) utilizing the WHO Oral Health Assessment Form (2013) for evaluation of gingival status, dental caries, and periodontal condition among study participants.

4. Results

The overall prevalence of oral disease was high across all categories:

- **Gingivitis:** 63.3% (190/300).
- **Periodontal Pockets:** 59.4% (178/300).
- **Dental Caries:** 51.1% (153/300).

**Gender-Based Findings:**

The analysis of the study population revealed a high overall burden of oral disease, with specific disparities emerging upon gender stratification. **Gingivitis** presented a significant clinical “red flag,” affecting **76.4% (120/157)** of female participants compared to **48.9% (70/143)** of males. This disparity was confirmed to be statistically significant with a

**p-value < 0.05**, suggesting that gender-specific biological or socio-cultural factors may influence gingival inflammatory responses in this demographic.

In contrast, the prevalence of **periodontal pockets** and **dental caries** demonstrated a more uniform distribution across the cohort. Periodontal pockets were identified in **59.2% of females** and **59.4% of males**, while dental caries affected **50.3% of females** and **51.7% of males**. For both conditions, the differences between genders were statistically non-significant (**p > 0.05**), indicating that these specific pathologies are likely driven by shared environmental and behavioral factors—such as dietary patterns and general oral hygiene awareness—rather than gender-specific traits.

| Gender  | Total Sample (N) | Affected with Gingivitis (n) | Prevalence (%) | Statistical Significance |
|---------|------------------|------------------------------|----------------|--------------------------|
| Females | 157              | 120                          | 76.4%          | P < 0.05                 |
| Males   | 143              | 70                           | 48.9%          | (Significant)            |
| Total   | 300              | 190                          | 63.6%          |                          |

**Table 1:** illustrates a clear gender-based divergence in gingival health. The significantly higher prevalence among women (76.4%) compared to men (48.9%) indicates a targeted vulnerability. This finding necessitates further investigation into the roles of hormonal fluctuations and gender-specific health-seeking behaviors in semi-urban populations

| Gender  | Total Sample (N) | Affected with Pockets (n) | Prevalence (%) | Statistical Significance |
|---------|------------------|---------------------------|----------------|--------------------------|
| Females | 157              | 93                        | 59.2%          | P < 0.05                 |
| Males   | 143              | 85                        | 59.4%          | (Not Significant)        |
| Total   | 300              | 178                       | 59.3%          |                          |

**Table 2:** the prevalence of periodontal pockets remained consistent across both genders (approx. 59%). The lack of statistical significance ( $p > 0.05$ ) suggests that once gingival inflammation progresses to periodontal destruction, the impact is uniform across the adult population, regardless of gender

| Gender  | Total Sample (N) | Affected with Caries (n) | Prevalence (%) | Statistical Significance |
|---------|------------------|--------------------------|----------------|--------------------------|
| Females | 157              | 79                       | 50.3%          | P < 0.05                 |
| Males   | 143              | 74                       | 51.7%          | (Not Significant)        |
| Total   | 300              | 153                      | 51.0%          |                          |

**Table 3:** reflects a nearly identical caries experience for males (51.7%) and females (50.3%). This lack of gender disparity implies that cariogenic risk factors, such as sugar consumption and lack of fluoridated water access, are community-wide issues in Murad Nagar that affect all adults equally.

### Discussion

The study highlights that oral diseases are rampant in the Murad Nagar region. The most striking revelation is that women are significantly more affected by gingivitis, with nearly 3 out of 4 women in the study group exhibiting symptoms<sup>(1,15)</sup>. This heightened susceptibility is largely attributed to biological factors, such as hormonal fluctuations during puberty, menstruation, pregnancy, and menopause, which increase gingival sensitivity to plaque<sup>(2,9,14)</sup>.

Furthermore, socio-cultural expectations in semi-urban settings often result in the deprioritization of women's dental care, compounded by behavioral factors and limited access to professional services<sup>(3,11)</sup>. Interestingly, the lack of a gender divide in caries and pocket depth suggests these conditions are driven more by general lifestyle factors, such as high-sugar diets and poor hygiene, rather than biological gender alone<sup>(4,12,15)</sup>. These findings support the need for customized oral health strategies that account for both gender-specific biological risks and local socio-economic realities<sup>(18)</sup>.

### Conclusion

This study paints a clear picture of widespread oral health challenges in Murad Nagar's adult population. Gingivitis remains the most pervasive issue, with a critical "red flag" identified regarding its prevalence among women. There is a pressing need for preventive strategies focused on awareness, gender-sensitivity, and early intervention. We must ensure oral health is no longer an afterthought and bring dental care to the frontlines of community health initiatives.

**Source of Support:** Nil

**Conflict of Interest:** Nil

**Copyright** © 2025 CSMSS Journal of Innovative Dentistry (CJID). This is an open access article, it is free for all to read, download, copy, distribute, adapt and permitted to reuse

under Creative Commons Attribution Non Commercial-ShareAlike: CC BY-NC-SABY 4.0 license.

### References

- Sharma N, et al. J Indian Soc Periodontol. 2016;20(5):570–575.
- Kumar A, et al. Int J Community Med Public Health. 2018;5(7):2836–2841.
- Gupta R, et al. J Oral Health Comm Dent. 2020;14(1):12–18.
- Singh A, et al. Oral Health Prev Dent. 2019;17(1):27–34.
- Petersen PE. The World Oral Health Report 2003. Geneva: WHO; 2003.
- Dhar V, et al. J Indian Soc Pedod Prev Dent. 2007;25(4):172–176.
- Glick M, et al. J Am Dent Assoc. 2016;147(12):915–917.
- Murthy GA, et al. Indian J Dent Res. 2015;26(2):188–193.
- Mariotti A. Periodontol 2000. 1994;6(1):27–36.
- Shiau HJ, et al. J Periodontol. 2011;82(11):1570–1578.
- Bamanikar S, et al. Int J Dent Health Sci. 2014;1(3):328–335.
- Varenne B, et al. Community Dent Oral Epidemiol. 2004;32(1):37–44.
- Shah N, et al. J Indian Dent Assoc. 2004;75:515–520.
- Loe H, et al. J Periodontal Res. 1967;2(3):167–175.
- Broadbent JM, et al. JAMA. 2008;299(5):525–531.