Perio

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **N = 167**1 |
| --- | --- |
| Age | 29.07 ± 7.59 |
| Age\_Category |  |
| 11 - 20 | 2 (1.2%) |
| 21 - 30 | 119 (71%) |
| 31 - 40 | 31 (19%) |
| 41 - 50 | 11 (6.6%) |
| 51 - 60 | 4 (2.4%) |
| Sex |  |
| Female | 145 (87%) |
| Male | 22 (13%) |
| Ethnicity |  |
| Igbo | 28 (17%) |
| Others | 6 (3.6%) |
| Yoruba | 133 (80%) |
| Religion |  |
| Christianity | 114 (68%) |
| Islam | 50 (30%) |
| Others | 3 (1.8%) |
| Cadre |  |
| CCKO/CNO | 1 (0.6%) |
| CHEW | 107 (64%) |
| Dental Surgery Technician | 5 (3.0%) |
| Nursing | 46 (28%) |
| Public Health Officer | 8 (4.8%) |
| Years of practice | 4.46 ± 5.63 |
| Practice Years |  |
| 0 - 2 years | 74 (44%) |
| 10 - 15 years | 10 (6.0%) |
| 15 - 20 years | 3 (1.8%) |
| 2 - 5 years | 65 (39%) |
| 20 - 30 years | 1 (0.6%) |
| 30+ years | 3 (1.8%) |
| 5 - 10 years | 11 (6.6%) |
| 1Mean ± SD; n (%) | |

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| **Characteristic** | **N = 167**1 |
| --- | --- |
| Have you ever heard of periodontal disease? | 127 (76%) |
| Where did you first learn of periodontal disease? (Higher Institution) | 67 (52%) |
| Not answered | 38 |
| Where did you first learn of periodontal disease? (Social media) | 17 (13%) |
| Not answered | 38 |
| Where did you first learn of periodontal disease? (TV and radio) | 5 (3.9%) |
| Not answered | 38 |
| Where did you first learn of periodontal disease? (Books and Journals) | 14 (11%) |
| Not answered | 38 |
| Where did you first learn of periodontal disease? (Others) | 26 (20%) |
| Not answered | 38 |
| What is periodontal disease? (Hole in a tooth) | 6 (4.7%) |
| Not answered | 38 |
| What is periodontal disease? (Ulcer on tongue) | 1 (0.8%) |
| Not answered | 38 |
| What is periodontal disease? (Inflammation of the supporting structures of the tooth) | 116 (90%) |
| Not answered | 38 |
| What is periodontal disease? (Fractured teeth) | 4 (3.1%) |
| Not answered | 38 |
| Periodontal disease is caused mainly by... (Dental plaque) | 49 (38%) |
| Not answered | 38 |
| Periodontal disease is caused mainly by... (Sweet or sugary foods) | 34 (26%) |
| Not answered | 38 |
| Periodontal disease is caused mainly by... (Vitamin C deficiency) | 29 (22%) |
| Not answered | 38 |
| Periodontal disease is caused mainly by... (I don't know) | 13 (10%) |
| Not answered | 38 |
| What is the earliest sign of periodontal disease? (Swollen gum) | 64 (50%) |
| Not answered | 38 |
| What is the earliest sign of periodontal disease? (Bleeding gum) | 44 (34%) |
| Not answered | 38 |
| What is the earliest sign of periodontal disease? (Holes in the teeth) | 10 (7.8%) |
| Not answered | 38 |
| What is the earliest sign of periodontal disease? (I don't know) | 9 (7.0%) |
| Not answered | 38 |
| What is the most common cause of mobile teeth? (Poorly arranged teeth) | 18 (14%) |
| Not answered | 38 |
| What is the most common cause of mobile teeth? (Periodontal disease) | 94 (73%) |
| Not answered | 38 |
| What is the most common cause of mobile teeth? (Hereditary) | 1 (0.8%) |
| Not answered | 38 |
| What is the most common cause of mobile teeth? (I don't know) | 14 (11%) |
| Not answered | 38 |
| What is the most common cause of receding gums? (Injury) | 32 (25%) |
| Not answered | 38 |
| What is the most common cause of receding gums? (Nail biting habit) | 4 (3.1%) |
| Not answered | 38 |
| What is the most common cause of receding gums? (Plaque) | 74 (57%) |
| Not answered | 38 |
| What is the most common cause of receding gums? (I don't know) | 16 (12%) |
| Not answered | 38 |
| 1n (%) | |

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| **Characteristic** | **N = 167**1 |
| --- | --- |
| Which of the following is associated with periodontal diseases? (Diabetes mellitus) | 66 (52%) |
| Not answered | 40 |
| Which of the following is associated with periodontal diseases? (Pregnancy) | 6 (4.7%) |
| Not answered | 40 |
| Which of the following is associated with periodontal diseases? (Smoking) | 84 (66%) |
| Not answered | 40 |
| Which of the following is associated with periodontal diseases? (Eating spicy foods) | 37 (29%) |
| Not answered | 40 |
| Others (please specify) |  |
| Hereditary Stress | 1 (10%) |
| Poor oral hygiene | 1 (10%) |
| Poor personal hygiene | 1 (10%) |
| Sugary food | 1 (10%) |
| Sugary foods | 2 (20%) |
| Using hard brush and bad brushing technique | 1 (10%) |
| Using of hard brush | 1 (10%) |
| Using of hard tooth brush and a bad brushing technique | 1 (10%) |
| Using of hard tooth brush and bad brushing techniques | 1 (10%) |
| Not answered | 157 |
| 1n (%) | |

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| **Characteristic** | **N = 167**1 |
| --- | --- |
| The best method for preventing periodontal disease is... (Daily tooth brushing, fluoride toothpaste, dental flossing) | 89 (70%) |
| Not answered | 40 |
| The best method for preventing periodontal disease is... (Daily tooth brushing, fluoride toothpaste, mouth rinse) | 35 (28%) |
| Not answered | 40 |
| The best method for preventing periodontal disease is... (Daily tooth brushing any toothpaste, mouth rinse) | 1 (0.8%) |
| Not answered | 40 |
| The best method for preventing periodontal disease is... (I don't know) | 1 (0.8%) |
| Not answered | 40 |
| Have you made a diagnosis of periodontal disease in your practice? | 34 (27%) |
| Not answered | 40 |
| If yes, how many? |  |
| 1-3 | 17 (50%) |
| 4-6 | 6 (18%) |
| 6-10 | 6 (18%) |
| Greater than 10 | 5 (15%) |
| Not answered | 133 |
| How were the patients treated? (Antibiotics) | 12 (9.4%) |
| Not answered | 40 |
| How were the patients treated? (Antifungals) | 1 (0.8%) |
| Not answered | 40 |
| How were the patients treated? (Antivirals) | 1 (0.8%) |
| Not answered | 40 |
| How were the patients treated? (Analgesics) | 10 (7.9%) |
| Not answered | 40 |
| How were the patients treated? (Refer to dentist) | 32 (25%) |
| Not answered | 40 |
| 1n (%) | |

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| **Characteristic** | **Low**, N = 411 | **Moderate**, N = 381 | **High**, N = 881 | **p-value**2 |
| --- | --- | --- | --- | --- |
| Age | 29.15 ± 7.82 | 30.37 ± 9.06 | 28.48 ± 6.76 | 0.7 |
| Age\_Category |  |  |  | 0.3 |
| 11 - 20 | 1 (2.4%) | 1 (2.6%) | 0 (0%) |  |
| 21 - 30 | 28 (68%) | 22 (58%) | 69 (78%) |  |
| 31 - 40 | 8 (20%) | 10 (26%) | 13 (15%) |  |
| 41 - 50 | 3 (7.3%) | 3 (7.9%) | 5 (5.7%) |  |
| 51 - 60 | 1 (2.4%) | 2 (5.3%) | 1 (1.1%) |  |
| Sex |  |  |  | 0.8 |
| Female | 36 (88%) | 34 (89%) | 75 (85%) |  |
| Male | 5 (12%) | 4 (11%) | 13 (15%) |  |
| Ethnicity |  |  |  | 0.4 |
| Igbo | 9 (22%) | 4 (11%) | 15 (17%) |  |
| Others | 3 (7.3%) | 1 (2.6%) | 2 (2.3%) |  |
| Yoruba | 29 (71%) | 33 (87%) | 71 (81%) |  |
| Religion |  |  |  | 0.7 |
| Christianity | 25 (61%) | 28 (74%) | 61 (69%) |  |
| Islam | 15 (37%) | 10 (26%) | 25 (28%) |  |
| Others | 1 (2.4%) | 0 (0%) | 2 (2.3%) |  |
| Cadre |  |  |  | <0.001 |
| CCKO/CNO | 0 (0%) | 0 (0%) | 1 (1.1%) |  |
| CHEW | 36 (88%) | 26 (68%) | 45 (51%) |  |
| Dental Surgery Technician | 0 (0%) | 0 (0%) | 5 (5.7%) |  |
| Nursing | 2 (4.9%) | 11 (29%) | 33 (38%) |  |
| Public Health Officer | 3 (7.3%) | 1 (2.6%) | 4 (4.5%) |  |
| Years of practice | 4.90 ± 5.84 | 4.86 ± 6.19 | 4.07 ± 5.30 | 0.2 |
| Practice Years |  |  |  | 0.5 |
| 0 - 2 years | 12 (29%) | 17 (45%) | 45 (51%) |  |
| 10 - 15 years | 2 (4.9%) | 3 (7.9%) | 5 (5.7%) |  |
| 15 - 20 years | 1 (2.4%) | 1 (2.6%) | 1 (1.1%) |  |
| 2 - 5 years | 20 (49%) | 14 (37%) | 31 (35%) |  |
| 20 - 30 years | 0 (0%) | 0 (0%) | 1 (1.1%) |  |
| 30+ years | 1 (2.4%) | 1 (2.6%) | 1 (1.1%) |  |
| 5 - 10 years | 5 (12%) | 2 (5.3%) | 4 (4.5%) |  |
| 1Mean ± SD; n (%) | | | | |
| 2Kruskal-Wallis rank sum test; Fisher's exact test; Pearson's Chi-squared test | | | | |

