**Table 5:** Frequency of occurrence of *Streptococcus pneumoniae and Mycobacterium tuberculosis* co-infection among the study participants.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristics** | **Number Examined (%)** | **Number Positive (%)** | **Number Negative (%)** | *P-value* |
| Gender | | | | |
| Male | 88 (33.8) | 1 (0.38) | 87 (33.46) | 0.001\*a |
| Female | 172 (66.2) | 6 (2.3) a | 166 (63.8) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |
| Age Range | | | | |
| 18-37 years | 104 (40.0) | 1 (0.38) | 103 (39.6) | 0.077 |
| 38-57 years | 94 (36.2) | 4 (1.54) | 90 (34.7) |  |
| 58-77 years | 36 (13.8) | 2 (0.77) | 34 (13.03) |  |
| 78-97 years | 26 (10.0) | 0 (0) | 26 (10.0) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |
| Marital status | | | | |
| Single | 139 (53.5) | 5 (1.92) b | 134 (51.58) | 0.038\*b |
| Married | 20 (7.7) | 0 (0) | 20 (7.7) |  |
| Divorced | 40 (15.4) | 0 (0) | 40 (15.4) |  |
| Separated | 57 (21.9) | 2 (0.77) | 55 (21.13) |  |
| Widow | 4 (1.5) | 0 (0) | 4 (1.5) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |
| Religion | | | | |
| Christianity | 139 (53. 5) | 2 (0.77) | 137 (52.73) | 0.001\*c |
| Islam | 105 (40.4) | 5 (1.92) c | 100 (38.48) |  |
| Traditional | 16 (6.2) | 0 (0) | 16 (6.2) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |
| Tribe | | | | |
| Yoruba | 154 (59.2) | 7 (2.7) | 147 (56.5) | 0.060 |
| Igbo | 21 (8.1) | 0 | 21 (8.1) |  |
| Hausa | 33 (12.7) | 0 | 33 (12.7) |  |
| Others | 52 (20.0) | 0 | 52 (20.0) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |
| Educational Levels | | | | |
| None | 121 (46.5) | 4 (1.54) d | 117 (44.96) | 0.014\*d |
| Primary | 26 (10.0) | 0 (0) | 26 (10.0) |  |
| Secondary | 46 (17.7) | 3 (1.2) | 43 (16.6) |  |
| Tertiary | 66 (25.4) | 0 (0) | 66 (25.4) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |
| Occupation | | | | |
| Self employed | 142 (54.6) | 5 (1.9) e | 137 (52.7) | 0.024\*e |
| Trader | 20 (7.7) | 0 (0) | 20 (7.7) |  |
| Student | 34 (13.1) | 0 (0) | 34 (13.1) |  |
| Civil Servant | 59 (22.7) | 2 (0.8) | 57 (21.9) |  |
| Unemployed | 5 (1.9) | 0 (0) | 5 (1.9) |  |
| Total | 260 (100.0) | 7 (2.7) | 253 (97.3) |  |

*\*P-value* <0.05 is considered statistically significant.