**Abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>AAS</td>
<td>Atomic Absorption Spectrophotometer</td>
</tr>
<tr>
<td>ATSDR</td>
<td>Agency for Toxic Substances and Disease Registry</td>
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<tr>
<td>ANOVA</td>
<td>Analysis of Variance</td>
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<tr>
<td>BN</td>
<td>Binucleate cells</td>
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<tr>
<td>CA</td>
<td>Chromosomal aberration</td>
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<tr>
<td>CI</td>
<td>Confidence interval</td>
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<tr>
<td>CI-S</td>
<td>Simplified Calculus Index</td>
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<tr>
<td>DALY</td>
<td>Disability Adjusted Life Years</td>
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<tr>
<td>DI-S</td>
<td>Simplified Debris Index</td>
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<tr>
<td>DMF</td>
<td>Decayed, Missing, Filled Teeth Index</td>
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<tr>
<td>DNA</td>
<td>Deoxyribose nucleic acid</td>
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<tr>
<td>DPX</td>
<td>Distrene Plasticiser in Xylene</td>
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<tr>
<td>Epi 6</td>
<td>Epi info version 6</td>
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<tr>
<td>GABA</td>
<td>Gamma- amino butyric acid</td>
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<tr>
<td>Gutkha</td>
<td>Pan masala containing tobacco</td>
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<tr>
<td>HLA</td>
<td>Human leukocyte antigen</td>
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<tr>
<td>HNO₃</td>
<td>Nitric acid</td>
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<tr>
<td>HClO₄</td>
<td>Perchloric acid</td>
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<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
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<tr>
<td>IgA</td>
<td>Immunoglobulin A</td>
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<tr>
<td>Term</td>
<td>Description</td>
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<tr>
<td>IgG</td>
<td>Immunoglobulin G</td>
</tr>
<tr>
<td>IgM</td>
<td>Immunoglobulin M</td>
</tr>
<tr>
<td>Khaini</td>
<td>Tobacco and lime</td>
</tr>
<tr>
<td>KW</td>
<td>Kruskall Wallis</td>
</tr>
<tr>
<td>Mawa</td>
<td>Containing areca nut, tobacco and lime</td>
</tr>
<tr>
<td>MN</td>
<td>Micronuclei</td>
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<tr>
<td>OHI-S</td>
<td>Simplified Oral Hygiene Index</td>
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<td>OPD</td>
<td>Out patient department</td>
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<tr>
<td>OR</td>
<td>Odds ratio</td>
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<tr>
<td>OSMF</td>
<td>Oral submucous fibrosis</td>
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<tr>
<td>PI</td>
<td>Periodontal Index</td>
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<tr>
<td>ROS</td>
<td>Radical Oxygen Species</td>
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<tr>
<td>SCE</td>
<td>Sister chromatid exchange</td>
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<tr>
<td>TSNA</td>
<td>Tobacco specific nitrosamine</td>
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<tr>
<td>WHO</td>
<td>World Health Organization</td>
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