Healthy dentin appears in blue at the cusps. Healthy dentin is green.

Healthy and thick enamel appears in blue at the cusps. Healthy dentin is green.

Lack of fluorescence shows the presence of an enamodental carious lesion (demineralization).

A red signal surrounded by a lack of fluorescence (demineralization) indicates the presence of an enamodental carious lesion.

A black zone surrounded by a demineralization (lack of fluorescence) shows the presence of an enamodental carious lesion.

The floor of the cavity is green: the active caries is completely removed.

Presence of green-orange hard tissues at the bottom of the cavity: slow evolution of decay completely removed while keeping the healthy tertiary dentin.

Presence of green-orange hard tissues at the bottom of the cavity: slow evolution of decay completely removed while keeping the healthy tertiary dentin.
### SoproLife Caries Classification

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sound</td>
</tr>
<tr>
<td>1</td>
<td>Early stage decay</td>
</tr>
<tr>
<td>2</td>
<td>Established decay</td>
</tr>
<tr>
<td>3</td>
<td>Severe decay</td>
</tr>
</tbody>
</table>

**ICDAS II Classification**

- **Sound (Code 0)**: No visible change in enamel.
- **Early Stage Decay (Code 1)**: Thin red shimmer in the pits and fissure system, no red dots visible.
- **Established Decay (Code 3)**: In addition to red shimmer in pits and possibly coming up slopes darker red spots confined to the fissure are visible.
- **Severe Decay (Code 5)**: Obvious openings with visible dentin.

**Sopro Life**

From the article of Pr. Rechmann, Director of the Clinical Sciences Research Group, Department of Preventive and Restorative Dental Sciences, School of Dentistry, University of California, San Francisco. Published in the JBD in April 2012.

From the article of Pr. Tassery, Head of the Preventive and Restorative Department, Marseille Dental School, University AMU, LBN Montpellier I. Published in Minim. Interv. Dent. 2011 and in Clin. Oral. Invest. 2013.