



### 3. Extension

- Caries incipient (initial)
- Caries superficial
- Caries media
- Caries profunda
- Caries penetrans

#### Caries incipient

- ✓ slightly demineralized surface layer
- ✓ body of the lesion
- ✓ dark zone
- ✓ translucent zone

**NO FILLING!! REMINERALIZATION!!**

### Enamel caries

No vital reaction !

1. Completely destructed zone
2. Desintegrated prisms
3. Intact prisms but desintegrated  
interprismatic substance

### Dentin caries

Vital reaction !

1. Cavitaion: desintegrated dentin, bacteria
2. Poor in bacteria
3. Pioneer zone (initial contamination)
4. Demineralized dentin
5. Transparent zone (homogen dentin)
6. Tertier dentin

### Smooth surface carious lesion

- Normal enamel surface
- Slightly demineralized surface layer
- Body of the lesion
- Dark zone
- Translucent zone

### Hidden caries