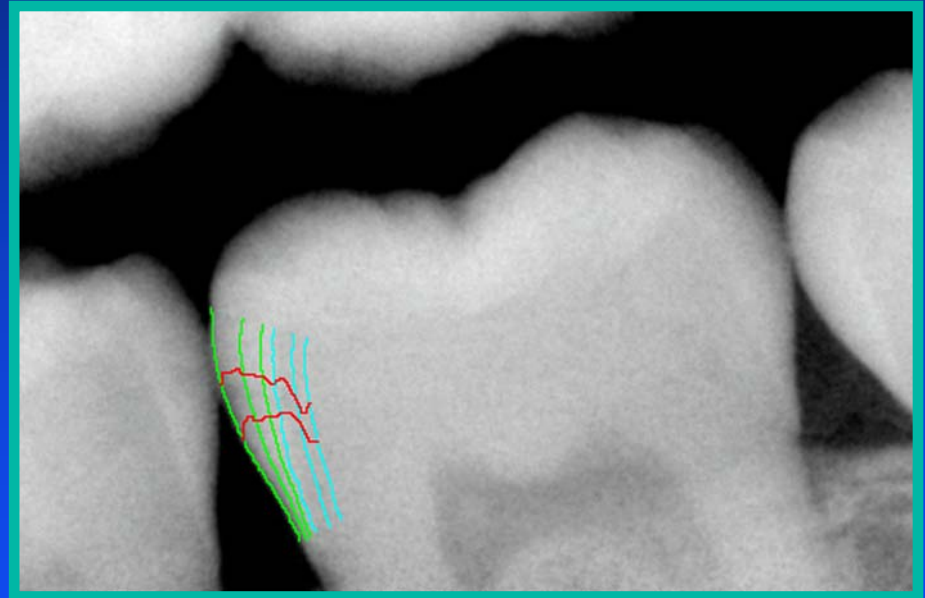


Logicon Caries Detector Diagnostic #1: Highlights features on tooth

Clinical Value

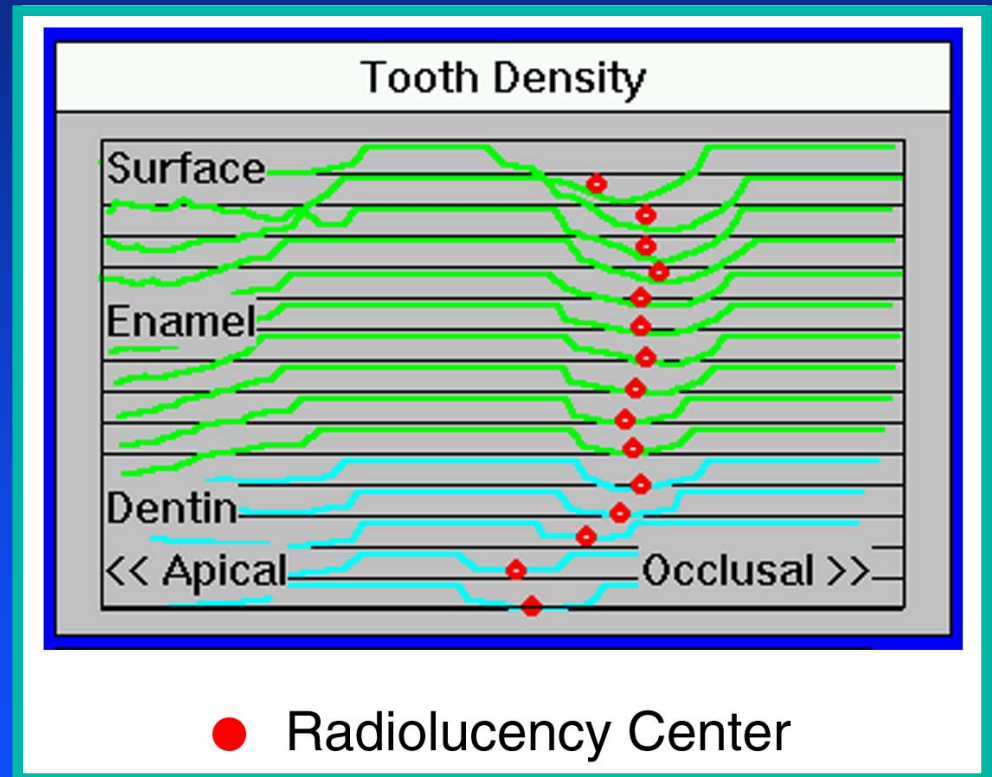
- ◆ Identifies enamel and dentin regions
- ◆ Outlines lesion
- ◆ Features toggle "on and off" for ease of visual re-examination
- ◆ Lesion penetration easier to see after highlighted



Logicon Caries Detector Diagnostic #2: Shows tooth density variation versus depth

Clinical Value

- ◆ Close alignment of dips indicates lesion penetration into dentin



Logicon Caries Detector Diagnostic #3: Correlation with histological database

Clinical Value

- ◆ Probability of lesion inferred from similarity to known lesions in laboratory database
- ◆ Decision threshold based on 15% false positive identification rate
- ◆ Consider treatment if probability exceeds decision threshold

