

Universal Visual Scoring System for smooth surfaces (UniViSS smooth)

**Second step:
Discoloration
Assessment**

First step: Lesion Detection & Severity Assessment

First visible signs
of a caries lesion

Established caries
lesion

Microcavity and/or
localised enamel
breakdown

Dentin exposure

Large cavity

Pulp exposure

Score F

Score E

Score M

Score D

Score L

Score P

Sound surface
(Score 0)

No cavitations and/or discolorations are detectable.

White
(Score 1)



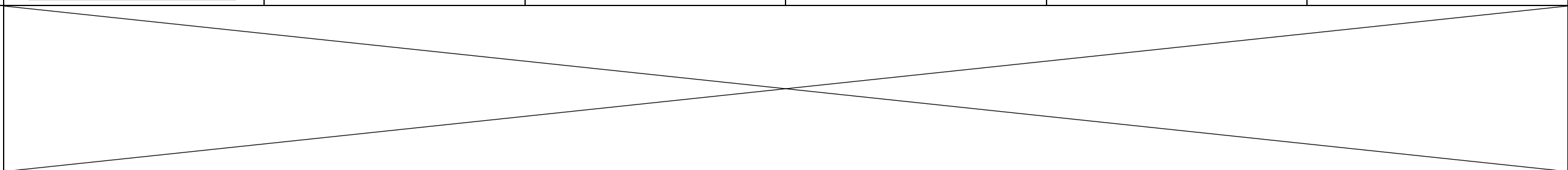
White-brown
(Score 2)



(Dark) Brown
(Score 3)



Greyish translucency
(Score 4)



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Second step: Discoloration Assessment	First step: Lesion Detection & Severity Assessment					
	First visible signs of a caries lesion	Established caries lesion	Microcavity and/or Localised enamel breakdown	Dentin exposure	Large cavity	Pulp exposure
	Score F	Score E	Score M	Score D	Score L	Score P
Sound surface (Score 0)	No cavitations and/or discolorations are detectable.					
White spot (Score 1)	<i>First white spot lesions</i> are unobtrusive and will be detected after prolonged air drying (~5 seconds).	<i>White spot lesions</i> are detectable without prolonged air drying. Air drying improves the assessment of the surface texture (smooth versus rough)	Pathological enlargements are detectable with or without enamel breakdowns - visible as interruption of the surface continuity. No dentin exposure is evident. Enlargements >0.5mm (use the ball point of the CPI probe) may indicate a microcavity.	Dentin exposure is detectable.	Dentin cavity involves at least half of the tooth surface.	Pulp exposure.
White-brown (Score 2)	<i>White-(caramel)-brown lesions</i> will be detected with prolonged air drying (~5 seconds). Brown areas are in most cases visible without air-drying.	<i>White-(caramel)-brown lesions</i> are detectable without prolonged air drying. Air drying improves the assessment of the surface texture, which indicates in most cases a rough lesion. The brown spot is surrounded by white demineralisations.				
(Dark) Brown (Score 3)	<i>Small brown spot lesions</i> will be detected even without air drying.	<i>Brown discoloured lesions</i> are always detectable without prolonged air drying.				
Greyish translucency (Score 4)	Not detectable.					