

Table S2 – Summary characteristics of studies included which tested the ICDAS in association with other systems for caries lesion activity assessment

Study	Activity Assessment System	Surface	Type of tooth	N examiners	Type of examiner	Study purpose
Freitas LA et al., 2016	LAA	approximal	primary	1	intermediate+training	criterion validation
Floriano I et al., 2015	LAA	occlusal	primary	1	intermediate+training	methods comparison
Oliveira RS et al., 2015 (1)	LAA	occlusal	permanent	1	intermediate+training	methods comparison
Oliveira RS et al., 2015 (2)	colour/lustre/roughness	occlusal	permanent	1	intermediate+training	methods comparison
Cotta F et al., 2015	LAA	occlusal	permanent	1	intermediate+training	criterion validation
Guedes RS et al., 2014	colour/lustre/roughness	all	primary	15	intermediate+training	predictive validation
Tikhonova et al., 2014	LAA	all	permanent	4	intermediate+training	methods comparison
Ferreira Zandoná A et al., 2012	lustre/texture/location	all	permanent	2	intermediate+training	investigate caries progression
Nelson S et al., 2011	not described	all	permanent	3	intermediate+training	checking repeatability
Braga MM et al., 2010	LAA	occlusal	primary	2	experienced	criterion validation
Varma S et al., 2008	LAA	all	permanent	2	intermediate+training	investigate caries predictors
Ekstrand KR et al., 2007	LAA	all	primary/permanent	1	experienced	devising the index criterion validation

Different numbers between parentheses for a same study represent different samples or settings.

See in the Appendix the complete references of included papers.

