

International Caries Detection and Assessment System (ICDAS)

	Non-cavitated lesions				Cavitated lesions	
Sound	Early Stage Decay		Established Decay		Severe Decay	
Sound	First visual change in enamel	Distinct visual change in enamel	Localised enamel breakdown	Underlying dentine shadow	Distinct cavity with visible dentine	Extensive cavity within visible dentine
0	1	2	3	4	5	6

Non-Surgical Treatment!



<https://www.icdas.org/>

Code 0 — Sound tooth surface; no evidence of caries after five seconds of air drying

Code 1 — First visual change in enamel; opacity or discoloration (white or brown) is visible at the entrance to the pit or fissure seen after prolonged air drying

Code 2 — Distinct visual change in enamel visible when wet, lesion must be visible when dry

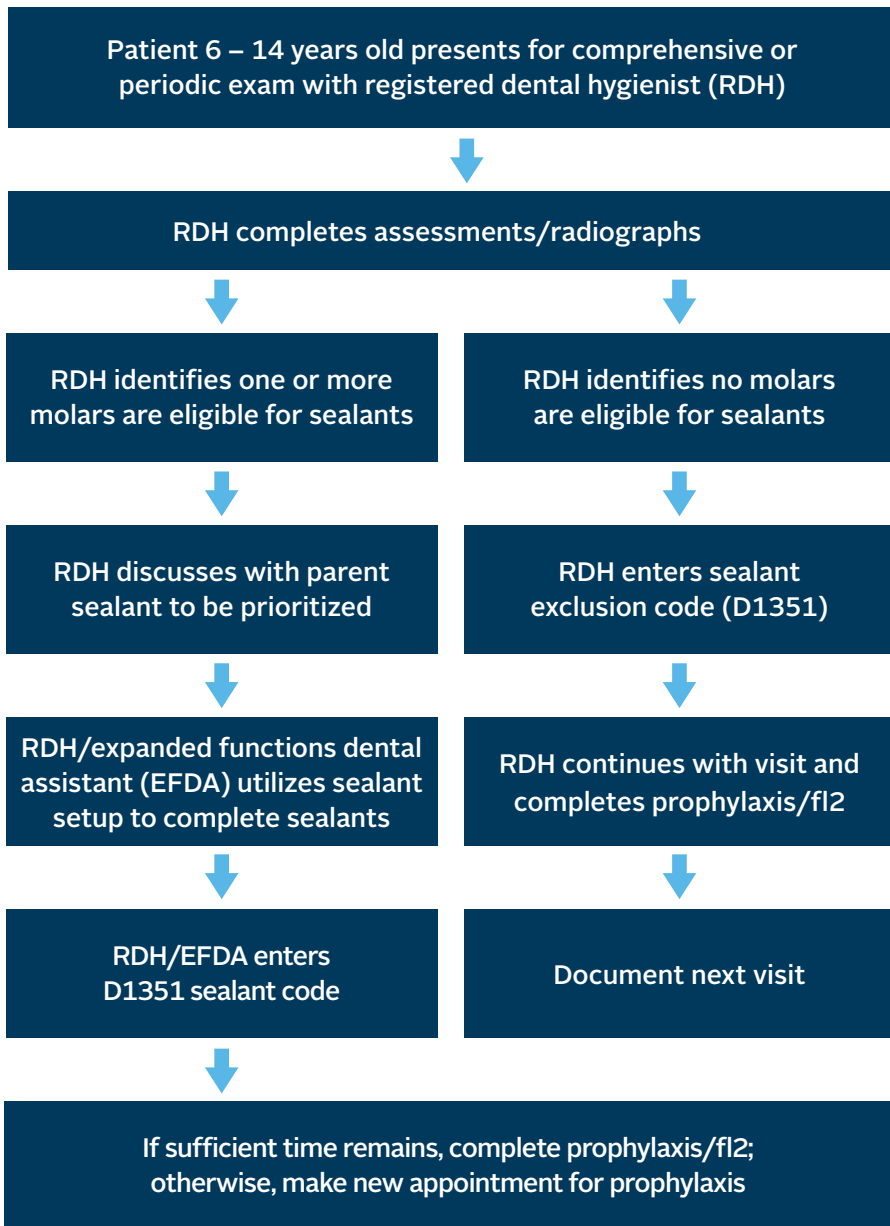
Code 3 — Localized enamel breakdown (no clinical visual signs of dentinal involvement) when wet and after prolonged drying

Code 4 — Underlying dark shadow from dentin

Code 5 — Distinct cavity with visible dentin

Code 6 — Extensive (more than half the surface) distinct cavity with visible dentin

Same-day sealant workflow



Why implement?

- Dental caries is the most common chronic disease in children
- Dental caries is five times more common than asthma
- Dental caries is four times more common than early childhood obesity
- Dental caries is a primary health-related cause for school absenteeism

How to incorporate?

- Staff performing to top of licensure scope
- Ready-to-go sealant kits/Isolite
- Established protocol and workflow
- Daily huddles to enhance communication

What outcomes expected?

- Increased productivity
- Fewer no-shows for sealants
- Increased sealant measure
- Enhanced patient concept of prevention

Sources:

Neeraj Gugnani, IK Pandit, Nikhil Srivastava, Monika Gupta, and Megha Sharma, "International Caries Detection and Assessment System (ICDAS): A New Concept," *International Journal of Clinical Pediatric Dentistry* 4, no. 2 (May – Aug 2011): 93 – 100.

DC Medicaid HealthCheck Dental Periodicity Schedule, Department of Health Care Finance, <https://www.amerihealthcaritasdc.com/pdf/provider/comm/2018/dental-periodicity-schedule.pdf>.

HRSA UDS Sealant Measure FAQ, National Network for Oral Health Access, January 2019, <http://www.nnoha.org/resources/hrsa-sealant-measure-faqs>.