

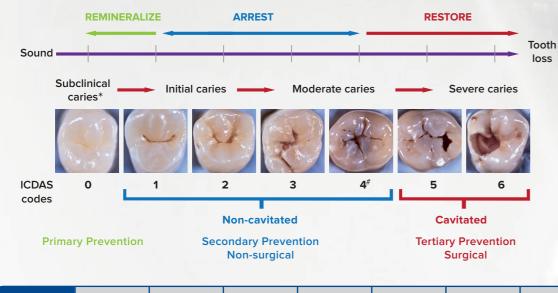


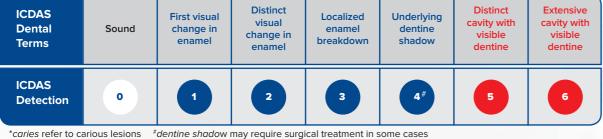
Caries Prevention and Management Chairside Guide

The goal is to reduce the impact of caries development by intervening as soon as possible to manage further tooth destruction, and reversing the caries process in favour of remineralization. Ideally, the management of early caries lesions should involve the least invasive approach capable of preventing disease progression and empowering the patient to improve and maintain their own oral health.

Understanding Lesion Activity

The essential challenge is to differentiate between firstly a lesion which is active today and continuing to suffer net loss of mineral, with demineralization being out of balance with remineralization, as opposed to a lesion of similar severity which has been "switched off" and become inactive, i.e. arrested or remineralized. The clinical and economic implications of making the correct activity assessment are profound.





Determining Caries Risk

Assessing a patient's caries risk is essential in determining the appropriate level of preventive care. Previous caries experience is often the best indicator but several other factors should be considered when assessing risk.

HIGH 3 or more incipient or cavitated primary or secondary caries lesions in the last 2 years		MODERATE	LOW
		2 incipient or cavitated primary econdary caries lesions in the last 2 years	No incipient or cavitated primary secondary caries lesions during last 2 years and no change in th risk factors that may increase car
 Additional preventive measures are indicated: Patient education (oral hygene, dietary counselling) Protective factors (fluoride, sealants, salivary stimulation) 			No additional interventions indicated
		s Pathological & Protec	
Pathological Factors		rs Prot	ective Factors
	Frequent consumption of dietary		h-healthy diet
	sugars ▶ Inadequate fluoride		ride toothpaste twice daily
Biofilm homeostatic imbalance Salivary dysfunction		Prof	
			essional topical fluoride entive and therapeutic ants
		Prev seal	entive and therapeutic
► Salivary		► Prev seal ► Norr	entive and therapeutic ants
 Salivary Demir Diseas 	e dysfunction	Prevseal Norr	entive and therapeutic ants nal salivary function

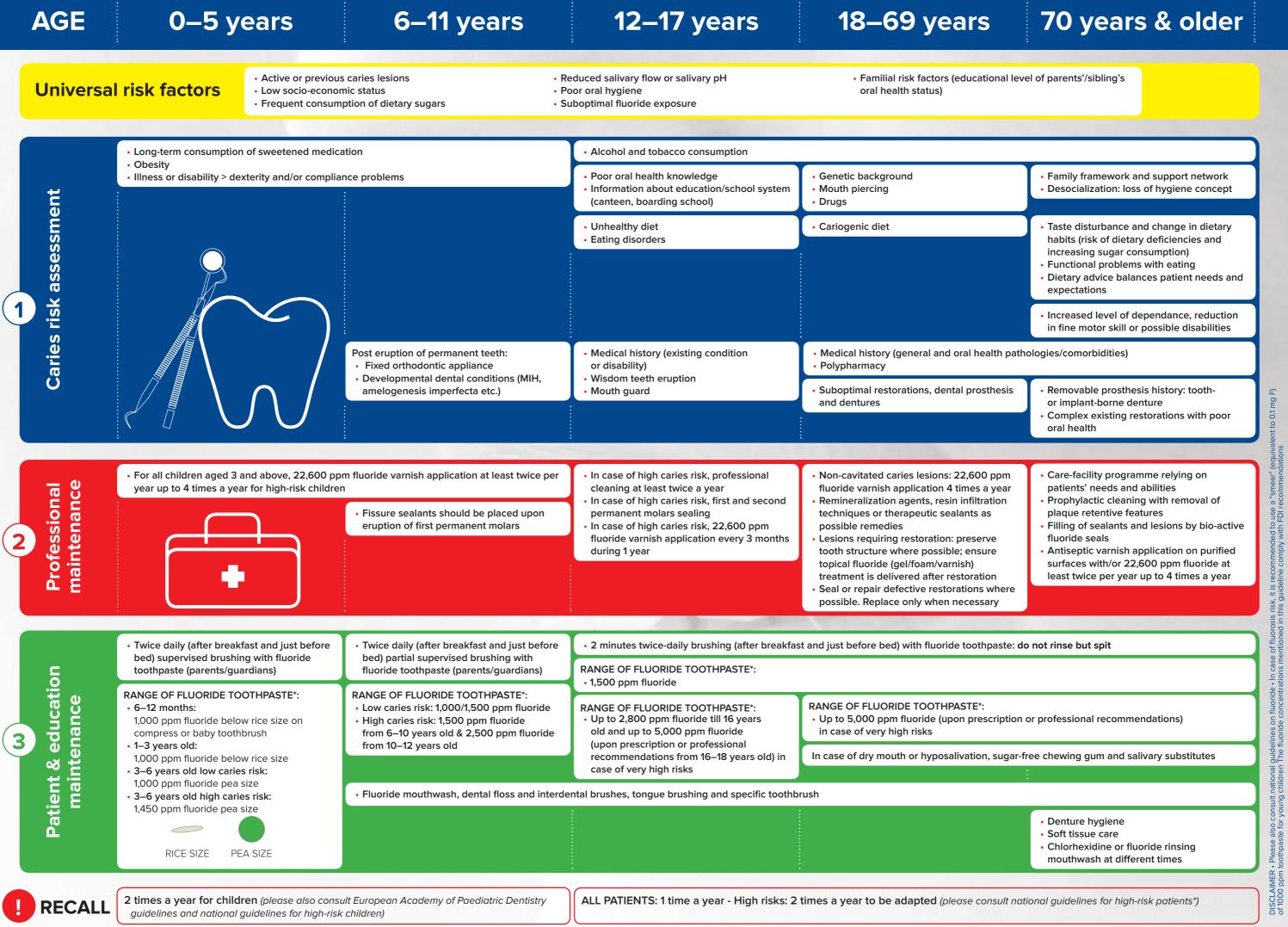
Action Points			
 Assess lesion activity Target appropriate level of intervention Prevent more damage 	 Assess caries risk Favour preventive measures Minimize surgical intervention 	 Convert actively progressing lesions int arrested controlled ones Improve patients' oral health behaviour 	

The following caries risk assessment system is age-specific to account for varying risk factors throughout life

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