Abstract: AIM: To evaluate prophylactic restorative treatment protocols in teeth with dens invaginatus (DI)

Summery
Dens invaginatus is a well-known and well-established anomaly of development. Dens invaginatus is a clinically relevant malformation of teeth resulting from an infolding of enamel and dentine into the dental structure during tooth formation, hence the former denomination "dens in dente". The dens invaginatus shows multiple morphological variations of crown and root formation. This frequently leads to caries, pulpal and periodontal involvement with necrosis and loss of attachment. Therefore, early diagnosis and prevention are of utmost importance. Treatment may vary in relation to anatomy, and a classification system for dens invaginatus forms the basis for discussion. This presentation will discuss a profound review of the literature regarding etiology, epidemiology and histology. It discusses clinical appearance and diagnosis and it provides guidelines for decision-making and treatment of invaginated teeth with special focus on restorative dentistry.

Conclusion: A classification system may be helpful when treatment options are considered. Classification of dens invaginatus requires a thorough preoperative radiographic examination.

Key words: dens invagination, restoration, pulp survival

Presentation: Poster