A DIAGNOSTIC CHALLENGE: A CASE OF AN ENAMEL-RENAL SYNDROME

A 17-year-old male patient reported to the department of oral medicine and radiology with a chief complaint of swollen gums followed by loosening of teeth since 4-5 months. Patient has given positive familial history of consanguineous marriage from 3 generations. Upon intra oral examination, there was generalized periodontitis with several missing teeth along with irregular tooth morphology suggestive of amelogenesis imperfecta. On radiographic examination revealed multiple pulp calcifications with abnormal tooth structures and moderate amount of generalized horizontal bone loss. Provisionally diagnosis is given as a form of generalized aggressive periodontitis with differential diagnosis as amelogenesis imperfecta. Patient was advised to undergo further investigations such as ultrasonography of abdomen, which revealed the presence of renal caliculi, from which the final diagnosis was concluded as enamel renal syndrome.





MEGHNA INSTITUTE OF DENTL SCIENCES

MEGHNA INSTITUTE OF DENTL SCIENCES

INTRA-ORAL EXAMINATION



MEGHNA INSTITUTE OF DENTAL SCIENCES

RADIOGRAPHIC EXAMINATION- ORTHOPANTOMOGRAPH (OPG)





MEGHNA INSTITUTE OF DENTAL SCIENCES

RADIOGRAPHIC EXAMINATION- PERIAPICAL RADIOGRAPH (RVG)