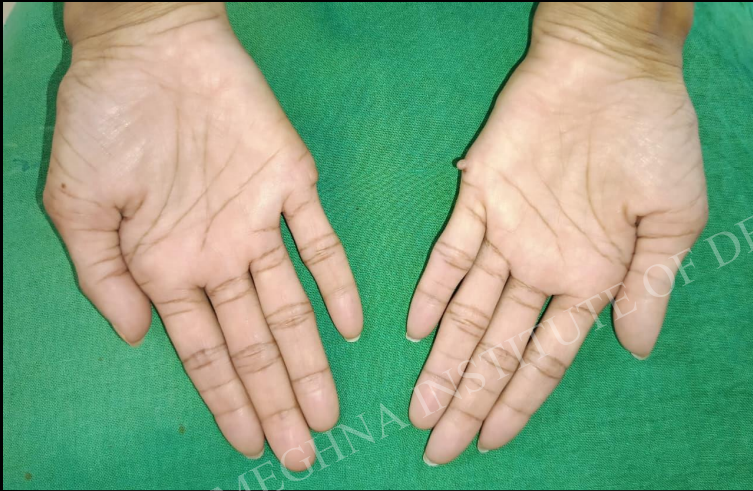


A Rare Case of a Hereditary Ectodermal Dysplasia

A 19-year-old female patient named Srilatha, reported to the department of oral medicine and radiology with a chief complaint of multiple missing teeth since childhood. Patient notices delayed eruption since childhood and absence of multiple permanent teeth which was associated with difficulty in chewing due to the missing teeth and sought prosthetic rehabilitation. There was no history of pain, swelling, trauma, or extraction in relation to the missing teeth. There was a positive medical history with complete absence of sweating since birth along with heat intolerance, especially during summers and significant family history of consanguineous marriage between the parents who were unaffected, patient's maternal cousin (mother's brother's son) was reported to have similar clinical features. Clinically, on extraoral examination, frontal bossing was present with depressed nasal bridge, prominent and everted lips with protruded mandible, periorbital hyperpigmentation, eyebrows and scalp hair was very sparse and skin appeared to be dry with evidence of polydactyly of hands and legs. Upon intraoral examination, 10 teeth were present with altered tooth morphology. Radiograph (OPG) revealed multiple congenitally missing permanent teeth involving both the maxillary and mandibular arches as there were no impacted permanent teeth or retained tooth buds appreciable on the radiograph. A provisional diagnosis of **Hereditary Ectodermal Dysplasia** was given. As per patient's concern we have advised multidisciplinary management including prosthetic rehabilitation, dermatological care and prevention of hyperthermia by maintaining hydration, avoiding excessive heat exposure and using cooling measures. This case highlights the pivotal role of oral physicians in need for timely diagnosis through proper clinical and radiographic examination and advising for comprehensive dental rehabilitation to enhance the patient's quality of life.

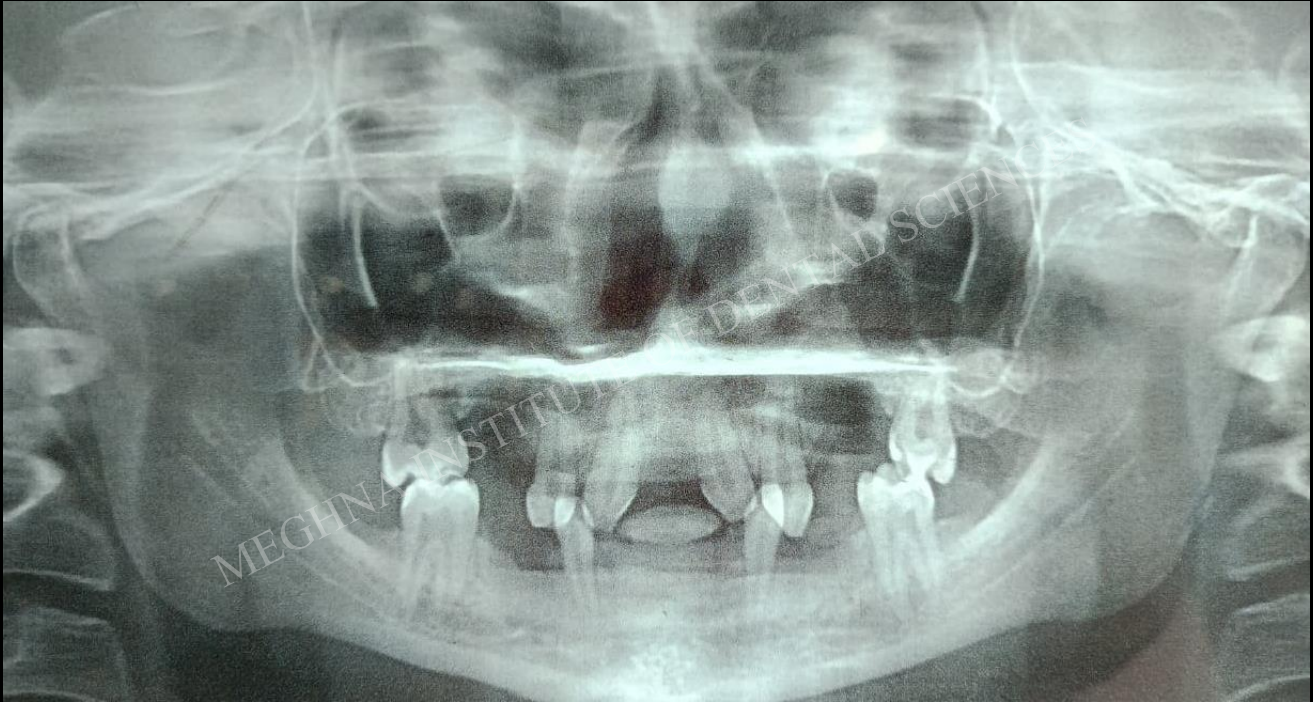




EXTRA-ORAL EXAMINATION



INTRA-ORAL EXAMINATION



RADIOGRAPHIC EXAMINATION-
Orthopantomograph (OPG)