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## Early prosthodontic treatment of a 4-year girl with ectodermal dysplasia: A case report

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Ectodermal dysplasia is a relatively rare congenital disorder accompanied by total or partial anodontia affecting both the primary and the permanent dentitions. A patient was a 4-year old girl with ectodermal dysplasia. The intraoral examination revealed hypodontia. Treatment included reconstruction of the conical teeth using composite material in order to improve the aesthetics and to aid retention of the prosthodontic appliances. After reconstruction of the existing teeth, a removable partial denture for the missing teeth were chosen as a treatment option. The patient and her parents were found to be extremely satisfied with the improved chewing ability, speech and esthetics. prosthodontics, ectodermal dysplasia, anodontia with ectodermal dysplasia should be multidisciplinary and commenced as soon as possible to avoid possible resorption and atrophy of the alveolar ridges, to control the vertical dimension of occlusion, to improve chewing ability, speech and aesthetics.



Fig 1. Conical primary central incisors.



Fig 2. Panoramic radiograph confirming agenesis in the primary and permanent dentition and misshapen teeth.



Fig 3. Removable partial dentures for the upper and the lower jaw, with the expansion screw inserted in the upper denture.

### Recent Publications

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3. Pinheiro M, Freire-Maria N. Ectodermal dysplasias: A clinical classification and a casual review. *Am J Med Genet* 1994;53:153-62.
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### Biography

Matea Matejic is currently working as Assistant at School of Medicine, Department of Prosthodontics in University of Split and have private dental practise in ordination with Dr. Kucinic in Split. She is currently attending doctoral studies from the University of Zagreb. She worked at the Institute for dental medicine at medical school, served as associate and external associate. Dr. Matea has authored publications in dental journal *Dentist* and worked like designer and editor-in-chief for a professional journal with students. Her publications reflect her research interests in prosthodontics, gnathology patients with special needs, geriatrics. She worked as an external associate at the health school and was a mentor of the final exam for the students.

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