

Dental Rehabilitation of Pediatric Patient Diagnosed with Geroderma Osteodysplastica or (Walt Disney Dwarfism)

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Abstract

11 years old boy, known case of autosomal recessive Geroderma Osteodysplasticum, presented to my dental clinic at king Fahd armed forces hospital, confirmed by genetic testing. Associated with the following features:

- Progeroid features, premature aging appearance, lax and wrinkled skin (especially on the dorsum of the hands, feet and abdomen).
- Hyperextensible joints, bowing legs, genu valgum, bilateral DDH.
- Severe short stature.
- Severe osteoporosis/osteopenia, vertebral abnormalities and spontaneous fractures.
- Partial hair alopecia.

Upon Dental Examination patient presented with the following orofacial features:

- Multiple occlusal, proximal & facial carious lesions.
- Enamel hypoplasia (Teeth #36,46).
- Localised delayed eruption (Tooth #46).
- Ectopic eruption (Teeth #12,22,32).
- Reverse overjet and classIII malocclusion.
- Transposition of Teeth #23,33.

Dental rehabilitation was done under local anesthesia.

Keywords

Geroderma Osteodysplasticum, Progeroid features.