

Primary Failure of Eruption







European Reference Network

for rare or low prevalence complex diseases

③ Network

Craniofacial anomalies and ear, nose and throat disorders (ERN CRANIO)

Member

Hôpitaux Universitaires de Strasbourg — France



General dg: /

Dental dg and treatment

- 26 ankylosis => alveolectomy and extraction
- 27: spontaneous evolution
- orthodontic alignment

Family history: mother affected

Genetic dg: mutation of *PTHR1 gene*





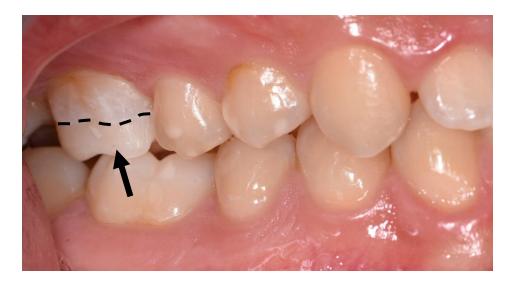
Control visit

• 16: infraclusion and ankylosis



Therapeutic decision: Bonding of a ceramic overlay using CAD-CAM

Monitoring of the possible appearance of new ankyloses or internal resorptions



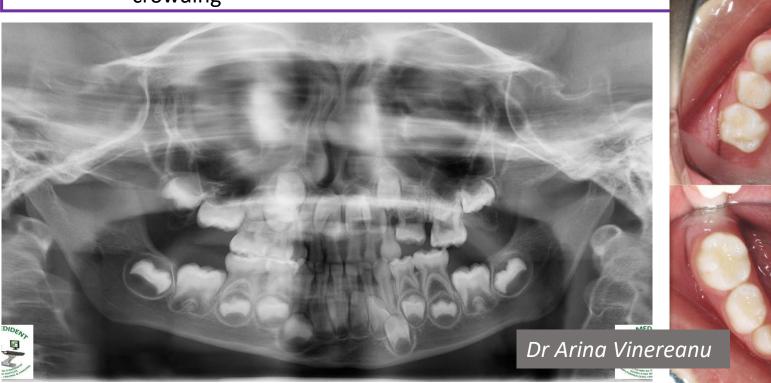
IS, female, 5y8m

General dg: -

Dental dg : deciduous dentition, with

- 64 unerupted
- 65 incomplete eruption
- 26 delayed intraosseous development
- crowding

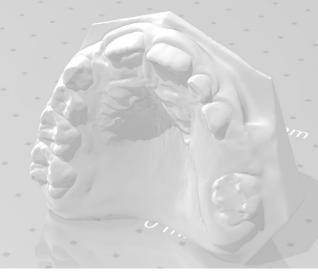
Family history: irrelevant Genetic dg: -





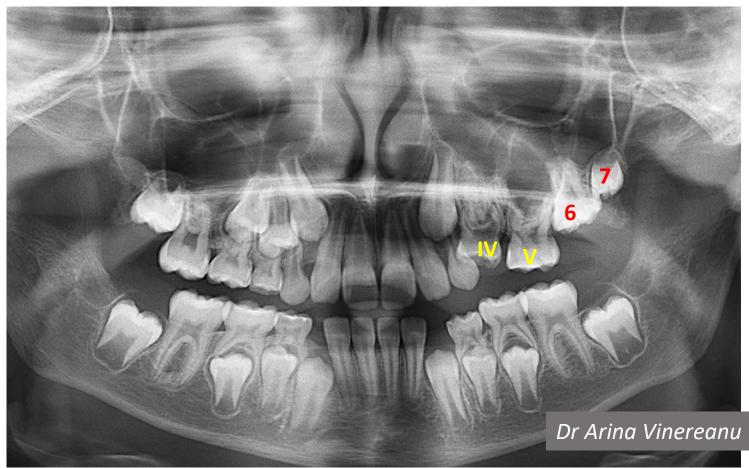


age 8y8m



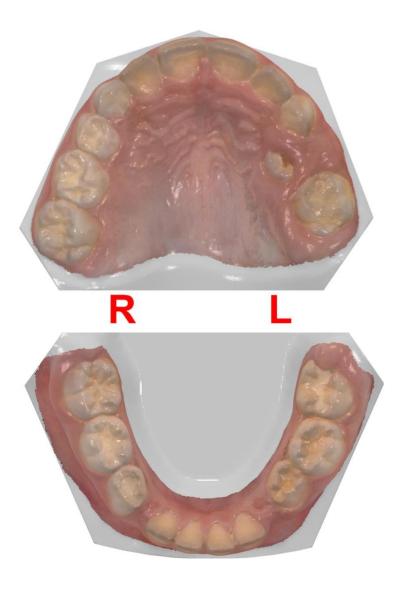


age 10 y 9 m



Extracted 63

At this stage, the plan is: extraction of 63 in order to facilitate full eruption of 64 (impacted), followed by extraction of 64; further decisions to be taken according to the evolution of the case



Case under follow-up