### University of Jordan **Faculty of Dentistry** 5<sup>th</sup> year (2015-2016)



### Pediatric 2





















Sheet

Slide

Hand Out

Lecture No.	9
Date:	
Doctor:	_sNilg1.>
Done by:	

Price & Date of	
Dent-2011.weebly.com	

الاشني
c-10/1c/V
(/27 A



### ERUPTION DISTURBANCES

### Outline

- a Premature eruption of teeth: natal teeth
- a Farily loss of minimary teeth
- Delayed loss of primary texth
- Delayed eruption of permanent teeth

# Natal and Neonatal teeth Definition Incidence: 1:2,000 to 1:3,500 live births Location: mandibular central incisor region

### Natal and Neonatal teeth Elicology: multifactorial and not exactly known Inherited (AD) trait) Indocrine disturbances Infection Trauma Environmental toxins Superficial position of tooth germ

### Natal and Neonatal teeth

- Associated syndromes
   Cleft by and pidate
- Less than 10% of natal
- Resemble primary teeth, but often smaller and hypoplastic with poor or absent root development

### Natal and Neonatal teeth

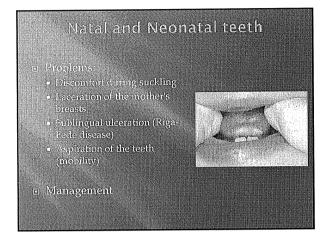
- Associated syndromes:
   Cleft lip and palate
- Less than 10% of natal teeth are supernumerary
- Resemble primary teeth, but often smaller and hypoplastic with poor or absent root development

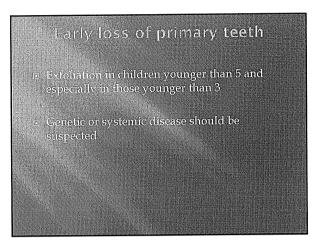
### Natal and Neonatal teeth

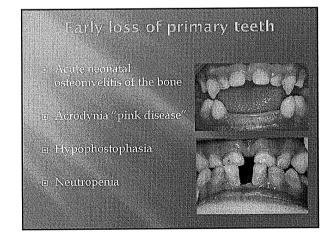
- Associated syndromes:
   Cleft lip and palate
- Less than 10% of natal teeth are supernumerary
- Resemble primary teeth, but often smaller and hypoplastic with poor or absent root development

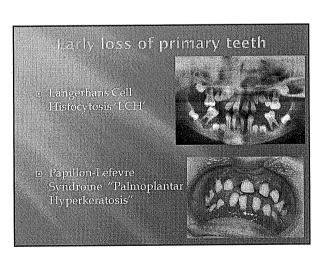
### Natal and Neonatal teeth

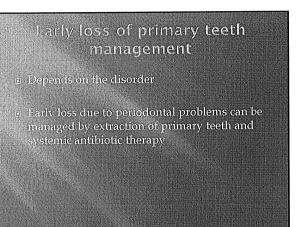
- Associated syndromes
   Cleft lin and valate
- Less than 10% of natal teeth are supernumerary
- Resemble primary teeth, but often smaller and hypoplastic with poor or absent root development

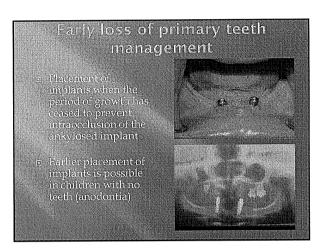


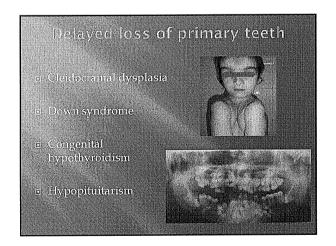




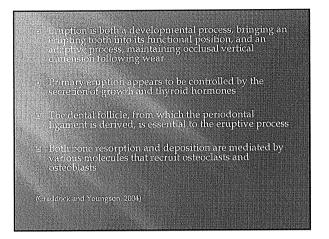








# Delayed eruption of permanent teeth Emplion is the developmental process responsible for moving a tooth from its crypt position through the alveolar process into the oral cavity to its final position of occlusion with its antagonist It is a dynamic process that encompasses completion of root development, establishment of the periodontium, and maintenance of a functional occlusion (Nolla CM, 1960)



### Delayed eruption of permanent teeth

- c Chronologic delayed eruption: eruption time that is greater than 2 SDs from the mean expected eruption time for a specific tooth
- Delayed Biologic eruption: tooth eruption that has not occurred despite the formation of 2/3 or more of the dental root.

Surreial, 200

