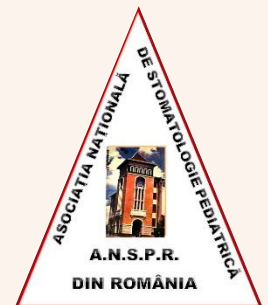




the Child Dental Patient with

Diabetes mellitus



Clinical case 1

Antonia, age 5y

Main dg: DM

Dental dg:

- multiple untreated caries in deciduous dentition, pulp involvement
- chronic periodontal inflammation;
- expected crowding in permanent dentition

Barriers for dental treatment:

- Overindulged child due to her medical condition, with very poor cooperation, attitude endorsed by parental sympathy
- Complex oral pathology requiring complex management

Dr. Arina Vinereanu
Dr. Aneta Munteanu



*initial attitude towards
dental treatment*



Treatment planning

Objectives:

Physical:

1. Eliminate pain
2. Eliminate infection
3. Improve periodontal condition
4. Caries prevention for first permanent molars

Psychological:

1. Win CHILD's trust
2. Win PARENTS' cooperation
3. Win CHILD's cooperation
4. Establish a long-term relationship



First important achievements: Acceptance of nitrous oxide mask and panoramic x-ray





Treatment sessions - as short as possible, maximum one quadrant/session

Analgesia – was obtained by infiltration local anaesthesia (articaine+adrenaline) preceded by topical anaesthetic gel; non-traumatic infiltration technique




Compromised deciduous molars were extracted, restorations were placed and permanent molars were sealed with glass-ionomer sealants (*GC Fuji Triage*)





Oral hygiene did not dramatically improve
with time



A clinical photograph showing the lower anterior teeth of a patient. The teeth exhibit severe decay, appearing yellowish-brown and pitted. The gingiva is significantly inflamed, appearing bright red and swollen, particularly around the lower front teeth. The patient's mouth is held open by blue dental cheek retractor. The overall appearance suggests a long-term lack of effective oral hygiene.

Oral hygiene did not dramatically improve
with time



Frequent food intake (due to main pathology) and poor hygiene continuously induced caries and gingivitis. Non-cavitated lesions were resin-infiltrated. Professional cleaning and fluoride varnish were applied on every occasion



Clinical case 2

Andreea (f) age 10 y

Dr. Arina Vinereanu

Dg. (gen): type I DM

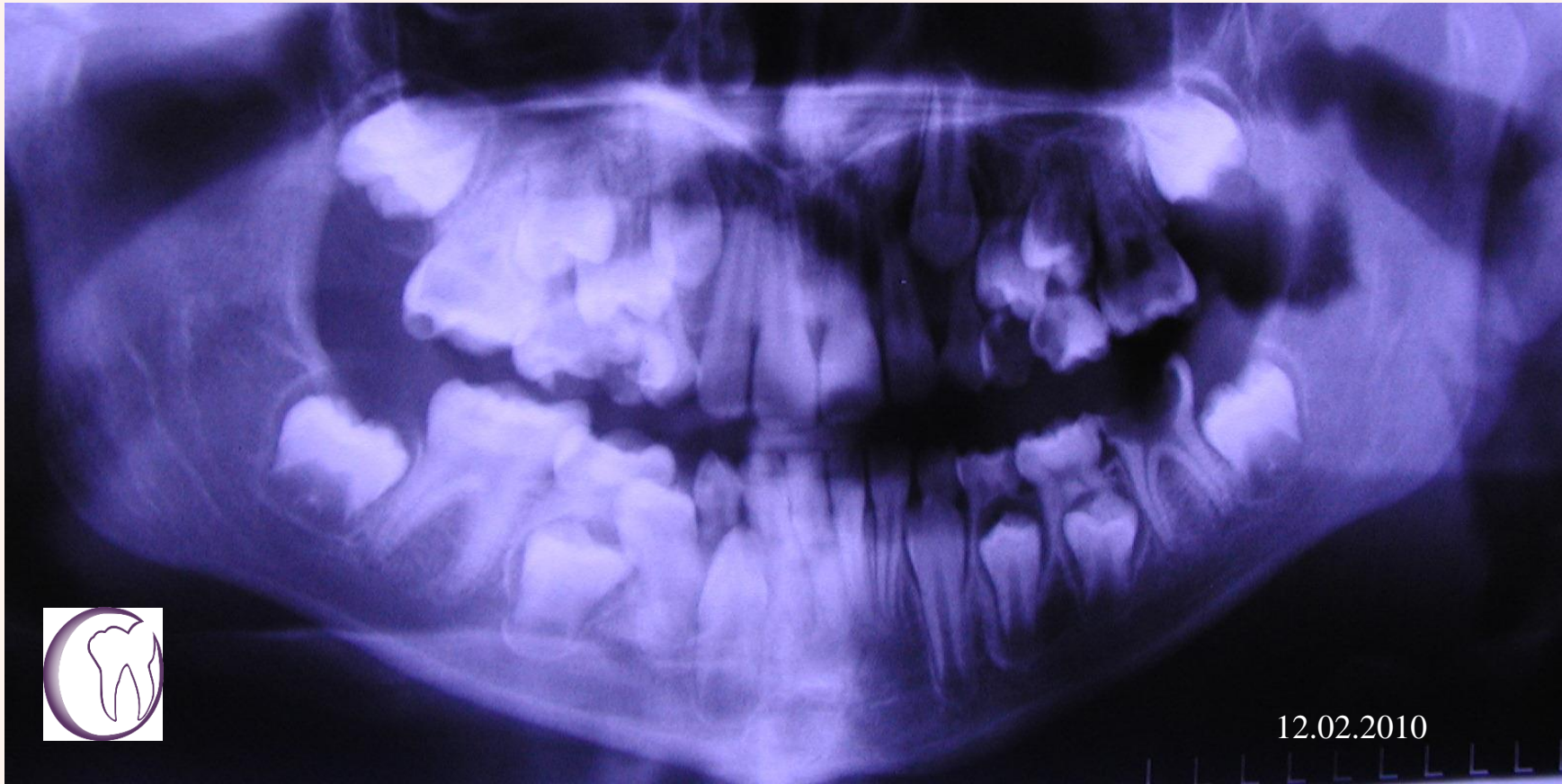
Dg. (dental): mixed dentition, untreated caries, +/- pulp involvement

Dg. (orthodontic): class II sub.2, crowding

Main concerns: pain

gingival bleeding

practitioners reluctance to provide treatment → repeated refusals



Focus :

- 1) On main complaint of the patient – pain from untreated caries
- 2) On the periodontal status (gingivitis)
- 3) On the orthodontic problem (?)

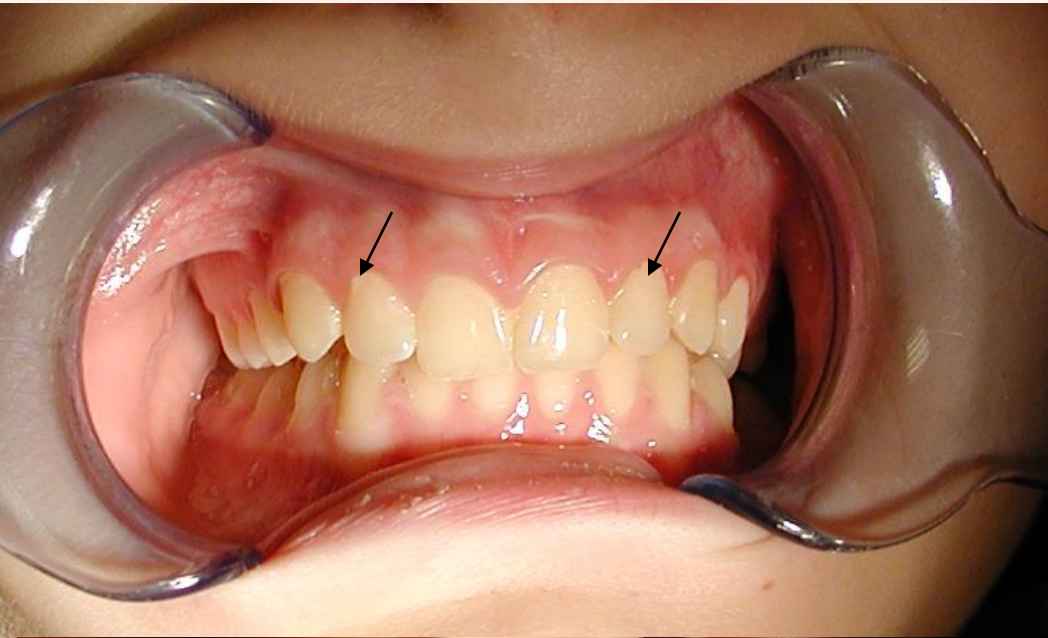
Problems encountered :

- 1) Poor cooperation for hygiene
orthodontic treatment
- 2) Poor understanding for the need of regular check-ups









Andreea, age 14 y

Successful endodontics, restorations, caries prevention by sealants provision
BUT
Hygiene still needs improvement
Orthodontic aspects remain unsolved