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D.O.P. dentistry: the new era in paediatric orthodontics

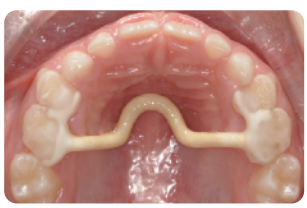
Aim

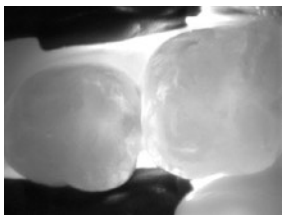
The aim of this poster is to illustrate the concept of **D.O.P. dentistry (Digital Ortho Paediatric dentistry)** in daily practice.

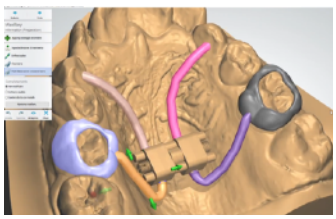
Materials and Methods

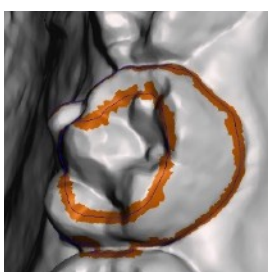
The acronym D.O.P. Dentistry (Digital Ortho Paediatric dentistry) is a new definition introduced in 2022 by the Authors indicating the perfect integration between two disciplines, which for a long time have been separated: pediatric dentistry and early orthodontics treatment. In the modern dentistry is increasingly important than the specialist who decides to take care of the children have skills and abilities that embrace both of these disciplines.
To these must be added the third element, represented by new digital technologies:

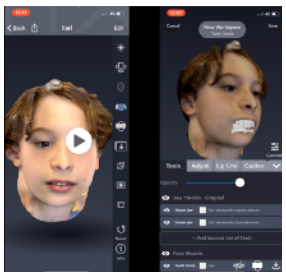
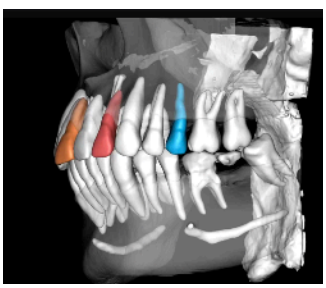
- Digital fiber optic transillumination for early diagnosis of caries
- Intra-oral scanning of jaws
- Creations of 3d virtual patient (integrating IOS, face scan and CBCT)
- Full digital workflow for orthodontics devices
- Use of new bio-active materials and new plastic polymers (Peek)









Results

The D.O.P. approach want to define a new standard in Paediatric Dentistry.
The integration of new technologies, pediatric dentistry and orthodontics will increasingly make it possible to take care of young patients efficiently and effectively.

Conclusions

Based on the DOP dentistry concept, new and fascinating scenarios open up that will lead us to a more integrated management of little patients, of its needs and those of their family.

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