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Imaging trends in children and adolescents, from 2D to 3D

Abstract: Pediatric dentistry has become, in the last decades, an independent discipline, in order to improve the dental care provided to the children.

The discovery in 1885 by Roentgen of X-rays had a huge contribution to the development of dentistry in general and, including, pediatric dentistry. But, the concepts and the doses used in pediatric dentistry are different from those used in adults.

The present work aims to assess the dental radiographs most often used in children and adolescents, from 2D to 3D, according to ALARA principles.

Key-words: imaging, children, pediatric dentistry, ALARA principles.

Biography: Vice President of the College of Dentists in Bihor County, Romania

2 specializations: General Dentistry and Orthodontics

Competence in Maxillo-Dental Radiodiagnosis

Private practice for 25 years

PHD thesis and Habilitation thesis based on dental imaging topics

University Professor since 2021

Author of several specialized books

Invited as a speaker at a large number of congresses on dental imaging topics, with applicability in pedodontics and orthodontics