Huseyin Avni Balcioglu, Oral Health Dent Manag 2016, 15:2(Suppl)
http://dx.doi.org/10.4172/2247-2452.C1.021

Developmental anatomy of the temporomandibular joint for the pedodontist

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Even though temporomandibular joint and its anatomical relations seem to be of little significance in the view of most pedodontic practitioners, the collection of data needed to establish the proper diagnosis in the field of pediatric dentistry should surely involve the basic knowledge of developmental anatomy of the temporomandibular joint. From the articular fossa, the first anatomical structure to become recognizable during the development process, to the degenerated intra-articular disc which appeared as a result of para-functional habits of an 18- year-old, the unique morphological features of this unique joint, from the standpoint of anatomical sciences, will be briefly presented with a developmental perspective in this speech. The audience will be provided with some important clinical implications to consider during performing pedodontics and translational research as well.

Biography

Huseyin Avni Balcioglu holds the position of Associate Professor in the Department of Anatomy at Istanbul University Faculty of Dentistry. After receiving his Dental degree from Istanbul University Faculty of Dentistry, in 2001, he worked as a Research Assistant in the department of Anatomy, for five years and completed the PhD program, while he also worked in private dental practice. He took part in administrative activities associated with his roles as a faculty board member. He is currently a member of the Board of Medical Specialties Reporting System Commission (TUKMOS) of Turkish Ministry of Health. He has lectured as an invited speaker in different symposiums, particularly about TMJ/TMD. His research interests relate primarily to TMJ/TMD, radiologic anatomy and anatomy education.

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