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Selective osteogenesis distraction at the level of mandibular body in patients with facial asymmetry and dento-alveolar discrepancy

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Osteogenesis distraction is a surgical procedure that allows the correction of the bone deficiency in all craniofacial areas, since it is a versatile alternative that can be adjusted to the patient's need. Cases of children with bone deficiency at the level of mandibular body who underwent surgery based on selective osteogenesis distraction will be presented, in order to achieve facial symmetry and new bone to favour tooth eruption and alignment, in order to improve the quality of life.

It is important to know, that today osteogenesis distraction is a treatment option, either as an intermediate or final procedure, in those cases in which there is a bone deficiency in a growing child, which implies that the analysis of the case and the surgical plan are important, to obtain the best results for the patient.

Biography

Dr. María del Carmen Navas-Aparicio is a Head of Cleft-Lip and Palate and Craniomaxillofacial Unit, at Hospital Nacional de Niños, San José, Costa Rica and is a Professor at the Universidad de Costa Rica. She is Specialist in Oral Surgery, carried out in "Klinikum an der Christian-Albrechts-Universität zu Kiel" and in "Marienhospital Stuttgart, Akademisches Lehrkrankenhaus der Universität Tübingen", Germany. This title is validated as maxillofacial surgeon in Costa Rica. She has a Master's Degree in Pediatric Dentistry, Universidad Complutense de Madrid, Spain. She is a researcher at the Universidad de Costa Rica and Hospital Nacional de Niños, Costa Rica. She is a speaker at national and international congress and she has publications in national and international journals.

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