



Asymmetries and Integral Guided Orthognathic Surgery. Planning – Execution

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Abstract :

Anterior open-bite and asymmetries are certainly among the most difficult dysmorphoses to manage, both in terms of anatomical diagnosis and surgical treatment. In this respect, the Comprehensive Guided Orthognathic Surgery (COGI) represents a significant help. The objective of this workshop is to present, from a representative case, all the steps of the digital and surgical process in a chronological way: 3D anatomical diagnosis, step by step simulation of osteotomies (with highlighting of the conflicts between the spatially displaced bone pieces), surgical execution (in particular the handling of the guides and plates). Jean Delaire's cephalometric architectural and structural analysis (face, profile), which like the Integral Guided Orthognathic Surgery refers to the base of the skull, is integrated in all the steps of the process.