



Updates in Orthognathic Treatment

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Message from the Guest Editor

Orthognathic treatment is an interdisciplinary approach that implies a critical collaboration between orthodontists and surgeons from the very beginning. In recent years, it managed to correct many severe dentofacial problems that were once considered impossible to solve.

Even though the early form of treatment dates back more than 100 years ago, the greatest breakthroughs have happened in the last six decades: the sagittal split ramus osteotomy and the development of the LeFort I down fracture techniques. These two represent the beginning of the modern era of orthognathic surgery.

For this Special Issue, we would like to focus on:

- Computer simulations and current computer prediction programs;
- Esthetic and psychosocial considerations;
- Special considerations in the planning of surgical treatment;
- Presurgical orthodontics, presurgical records, and post-surgical orthodontics;
- Timing of surgery;
- Contemporary orthognathic surgery techniques;
- Adjunctive facial procedures to improve soft tissue contours;
- Post-surgical long term stability;
- Orthognathic surgery and temporomandibular joint (TMJ) disorders.





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