Special Issue

Maxillo-Facial Surgery: New Insights and Technologies in Head and Neck

Message from the Guest Editor

The recent technological progress achieved in the head and neck field has been remarkable. This Special Issue will focus on the cutting-edge innovations that are transforming the field of oral and maxillo-facial surgery.

- Augmented Reality (AR): AR offers the real-time visualization and overlay of anatomical structures during surgery, enhancing the surgeon's spatial understanding and accuracy.
- Virtual Surgical Planning (VSP): VSP allows surgeons to pre-plan complex procedures using 3D models derived from patient-specific imaging data.
- Patient-Specific Implants (PSIs): The development of PSIs, created through 3D printing and customized to fit the patient's anatomy, has revolutionized reconstructive surgery.

Together, these innovations are redefining the landscape of oral and maxillo-facial surgery by improving precision, customization, and patient-specific care. This Special Issue will explore how these advancements are shaping the future of surgical practice and their potential to further enhance patient outcomes.

Guest Editor

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