

Special Issue

Advances in Airway Surgery

Message from the Guest Editors

Currently, airway surgery remains a challenging area. The evolution of techniques in airway surgery to improve medical outcomes has been impressive: in the early 1960s, it was thought that no more than 2 cm of the trachea could be removed, and nowadays, about half of the tracheal length can be safely removed and continuity restored by primary anastomosis. Although neoplastic curative surgery is the most common, involving the airway, many interventions are performed, such as treatments for strictures (idiopathic or iatrogenic), trauma corrections, and even laryngeal surgery in the context of gender affirmation surgery. This Special Issue seeks to provide a comprehensive overview of the latest techniques, technologies, clinical practices, and multidisciplinary approaches in airway surgery. Additionally, it intends to cover a wide range of topics and perspectives, ranging from pediatric airway surgery to adult reconstructive procedures. Finally, it aims to emphasize new materials and technologies for airway stenting, as well as breakthroughs in perioperative care that enhance patient safety and recovery.

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