

Comprehensive management of Tumors of the Midface. From virtual planning to reconstruction.

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In this lecture a comprehensive review of our approach to the management of the tumors affecting the midface is presented. The most advanced methods of virtual planning of the resection and reconstruction as well as how to transfer the planning into the surgical field by means of surgical guides and or navigation will be also discussed. Resection of a tumor in this complex anatomic region will be based in the location, size and type of the tissues involved in the defect. Reconstructive methods aiming to restore the defect after oncologic resection in the midface including the orbito-cranial region may include:

- Alloplastic Implants including patient specific implants.
- Local pedicled flaps.
- Regional pedicled flaps.
- Distant pedicled flaps.
- Microvascular flaps

Our reconstructive protocol will be presented. Indications and disadvantages of the different techniques will be discussed.