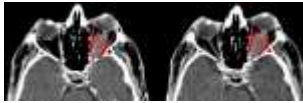


Orbital Surgery

The orbital cavities (eye sockets) may contain highly disparate tumors and lesions. As a rule the removal of processes in this region is deemed extremely difficult because the paths of numerous nerves, muscles and blood vessels traverse this region.

At the Sana Kliniken Duisburg orbital surgery has a long tradition instituted by Prof. Hassler. A large number of special accesses (e.g. the transconjunctival access, the access for removal of lateral orbital tumors, the supraorbital access, etc.) were developed and modified in the department. For example, tumors can be removed via eyebrow or conjunctival incisions which are not visible from the outside. Navigation techniques are also used during these procedures because of the difficulty of finding the tumors in the orbital fatty tissue.

Various tumors may occur in the orbital cavities. Local pressure on the eye or the optic nerve can lead to blindness. Our department has gained a reputation throughout Germany for the surgical removal of tumors of the orbital cavities.



Left: tumor growing around the optic nerve
(with red outlines)..



Right: bulging eye due to the tumor



The tumor has been removed surgically.



Several months later the bulge has receded.