

Principles of physiological surgery

Physiologic surgery is defined as the surgeon's attempt at so-called *atraumatic surgery*, where the surgeon takes into account the needs and properties of the tissues as well as the local and overall response in the body (Prof. Burian).

- **incision and excision** - with respect to the surrounding tissues, with the perspective of being able to close the defect with the least scar (within Langer's lines of skin cleavage), we use the tissue after its mobilization with the least possible traction / distant tissues in the form of free transfers
- **operative technique** - operate gently, hold tissue with fingers / hooks / very fine tweezers during surgery
- **suture material** - gentle, good tissue adaptation without ischemization
- **woundcare** - moisten wound during surgery, suction blood with mule moistened with physiological solution
- **bandage** - oily tulle + mule moistened with saline + dry cover

Links

Used literature

- MĚŠŤÁK, Jan. *Úvod do plastické chirurgie*. 1. edition. Univerzita Karlova v Praze - Nakladatelství Karolinum, 2005. 125 pp. ISBN 80-246-1150-3.