

Reparation

Definition: *less valuable replacement* of lost tissue, mostly by ligaments (refers to e.g. wound healing , fractures , organization of hematoma , thrombus , necrosis , healing of foreign material)

- Wound healing **per primam** – healing without infection, without a major inflammatory reaction, clean incisions (surgical cut - sharp edges are closely abutting each other and are firmly sewn with stitches).
- Healing **per seconds** – extensive wounds, ulcerous defects, infections, loss injuries, hematoma or remnants of necrotic tissue in the wound. It heals longer, with a more pronounced inflammatory reaction, a lot of granulation tissue is associated with the formation of more extensive scars (contraction of an extensive scar with the participation of myofibroblasts can then cause deformation of the scar and the surrounding tissue)
- **Hematoma organization** – granulation tissue grows into the fibrin , resulting in a scar and hemosiderin pigmentation. In the brain and pancreas , the hematoma liquefies, resulting in a posthemorrhagic pseudocyst.
- **Organization of the thrombus** -granulation tissue grows into the fibrin , resulting in a fibrous thickening of the intima or a fibrous bridge.
- Fracture healing - hematoma , granulation tissue, fibrous muscle, which turns into primitive skeletal muscle. Remodeling creates a definitive bone muscle.
- **Healing of brain tissue and nerve defects** - smaller brain tissue defects heal with a glial scar, larger ones with a postmalacia pseudocyst, regeneration and restoration of function is possible for peripheral nerves under favorable conditions (connection of stumps)
- **Incubation of foreign bodies** - when the body is infected, it excretes. When it is sterile, a specific granulation tissue is formed around it - **Schloffer's tumor** .

Links

Related Articles

- The fate of the hematoma
- The fate of the thrombus
- Fracture healing disorders
- Progressive changes
- Regeneration
- Metaplasia
- Hyperplasia
- Hypertrophy

External links

- Reparation (Czech Wikipedia)

Source

- PASTOR, Jan. *Langenbeck's medical web page* [online]. ©2004. [feeling. 6/10/2010]. < <https://langenbeck.webs.com/> >.
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Bone muscle healing fracture