

## Challenges in reconstructive surgery - Bony Reconstruction

CDR (OF-4) Dr. Falk von Lübken  
German Armed Services hospital Ulm

Synopsis: Due to improved body armor most injuries in war scenarios affect the extremities. Very common are open fractures. Among those the soft tissue around the bones and joints are destroyed in a stage, not common in civilian injuries. The wounds are always contaminated.

Using some cases from soldiers injured in the Ukraine conflict the author will show typical injuries, typical bone and soft tissue problems and strategies in the treatment that are working and not working. Beside that the authors will present problems the medical services have to face to provide a professional treatment that leads to success in those complicated cases.

1. The participants will be able to see the differences between a typical war injury to extremities and an injury under civilian conditions.
2. The participants will be able to decide which stabilizing treatment to the bone will be the most promising in those war injuries of the extremities and which techniques have a high risk to fail.
3. The participants will be able to make decisions about the overall antiseptic treatment in contaminated open war injuries of the extremities.