

Session 1.4 – Assessment of the mangled hand: Principles for Functional Reconstruction

Objectives:

- Define a functional hand and identify the most important muscles to obtain functionality.
- Recognise the altered biomechanics of the injured/mangled hand
- Identify optimum skeletal stabilisation and soft tissue cover strategies which complement each other and the rehab process
- Apply surgical strategies which diminish the chances of revision procedures
- Design a sustainable rehabilitation programme

Primary Resources:

1. Pulvertaft webinar: Salvage and reconstruction of the mangled upper extremity video (48:10)

<https://www.youtube.com/watch?v=7Vcbw-sYkEI>

2. BFIRST/BSSH webinar: The mangled hand (2:25:54)

<https://www.youtube.com/watch?v=-P7roMDI7ZE&t=10s>

Additional Resources:

Pulvertaft webinar: workhorse flaps for the upper limb video (1:06:38)

<https://www.youtube.com/watch?v=iU7Pa8tAGrM>



<https://s.surveypplanet.com/mvs05ypp>