

Session 3.10 – Amputation, transplantation and prostheses

Objectives:

1. Be able to discuss factors that contribute to the decision-making process when considering replantation/reconstruction vs primary amputation for trauma
2. Describe the different levels of amputation, and have some insight into the pros and cons of each
3. Define a "prosthesis" and describe the generic anatomy of a prosthetic
4. Be aware of the various types of prosthesis currently available generally and in your own unit
5. Have an awareness of hand transplantation and the complexity of decision-making and system processes involved in making it successful

Primary Resources:

1. Youtube: OrthoFRACS Upper Limb Amputations (21:35)
<https://www.youtube.com/watch?v=XVOW2ChZsQo>
2. Hand-e: Ideal Amputation Levels with Current Prostheses (08:06)
<https://www.assh.org/hande/s/watch?id=aBP0a000000LNsuGAG>
3. YouTube: Upper Limb Prosthetic Replacement (15:08)
<https://www.youtube.com/watch?v=T11sscnudm8>
4. Hand-e: History, indications and outcomes of extremity transplantation (09:44)
<https://www.assh.org/hande/s/watch?id=aBP0a000000LUoEGAW>

Additional Resources:

Hand-e: The Mutilated Hand - Salvage vs Transplant vs Prosthetics (12:14)

<https://www.assh.org/hande/s/watch?id=aBP0a000000LOTGGA4>



<https://s.surveyplanet.com/wyw52cv2>