

### **Session 1.3 – Assessment of the injured hand**

#### **Objectives:**

- To understand the important basic principles of an ATLS primary and secondary survey
- Assessment of the injured hand and wrist - look, feel, move and special tests
- In particular –
  1. Surface anatomy
  2. Assessment of soft tissue injuries including flexor and extensor tendons, vascular and peripheral nerve injuries
  3. Assessment of bone and joint injuries

#### **Primary Resources:**

1. BSSH video: Hand injury examination and assessment (1:58:59)

<https://www.youtube.com/watch?v=Gu6501YYaHA>

2. ASSH Hand-e: The destroyed upper extremity video (29:45)

<https://www.assh.org/hande/s/watch?id=aBP0a0000007OUGAY>

3. Ramirez EG, Hoyt KS. Assessment of acute hand injuries: part I. Adv Emerg Nurs J. 2014 Jan-Mar;36(1):9-21

<https://pubmed.ncbi.nlm.nih.gov/24487259/>

#### **Additional Resources:**

1. ASSH Hand-e: Can it be saved? Video (15:21)

a. <https://www.assh.org/hande/s/watch?id=aBP0a000000LOi6GAG>

2. TEXTBOOK: Nikkhah, Hand Trauma- Illustrated Surgical Guide of Core Procedures, Chapter 1 Assessment



<https://s.surveyplanet.com/z5o3m9ut>