

## RCEM Curriculum 2021 Skills Resources

Please find below suggested list of resources for SLO6. These by no means are exhaustive and will be reviewed and updated regularly. Please comment on usefulness of content below.

### Paediatric Sedation

RCEM learning : Ketamine 2020: [Ketamine procedural sedation for children in EDs \(Feb 2020\).pdf \(rcem.ac.uk\)](#)

Local guidelines : [BSUH Paediatric Guidelines](#)

Video : [Paediatric Sedation - Akron Children's Hospital video - Bing video](#)

Case and Sim : [Paediatric Pain and Sedation - Tips to Change Your Practice from #EuSEM15 • St Emlyn's \(stemlynsblog.org\)](#)

Sim-Clinical Case: [#SimBlog: Preparing For The Worst — #EM3: East Midlands Emergency Medicine Educational Media](#)

### Advanced Airways

[\(PDF\) Advanced airway management in the emergency department: What are the training and skills maintenance needs for UK emergency physicians? \(researchgate.net\)](#)

TEAM course

Other courses covering this: ALS/APLS/ATLS

### Resuscitative Thoracotomy

RCEM learning: [RCEM Traumatic cardiac arrest Sept 2019 FINAL.pdf](#)

RCEM Learning 2015: [Emergency Department Thoracotomy - RCEMLearning](#)

Video: 'How to do it' [Emergency thoracotomy: "how to do it" | Emergency Medicine Journal \(bmj.com\)](#)

Pod cast: [Episode 14: Thoracotomy | phemcast](#)

Blog and Video: [Resuscitative Thoracotomy • LITFL • CCC Trauma](#)

Blog and Video: [HINDS: Crack the Chest. Get Crucified. - Intensive Care Network](#)

Sim: [Resus Drills: Thoracotomy for Trauma — #EM3: East Midlands Emergency Medicine Educational Media](#)

Sim demonstration: EEMCrit 2018- [EEMCrit 2018 017 Live Thorocotomy Demonstration - YouTube](#)

Video :Demonstration of pre hospital thoracotomy 2013-[Demostration of pre-hospital thoracotomy by London HEMS. - YouTube](#)

Clam shell thoracotomy- Sydney Cadaveric-[Clamshell Thoracotomy Training - YouTube](#)

Local courses: Cadaveric Course (East of England), Drills and skills- Northern Ireland, Humberside- CRISIS course

## **Pericardiocentesis**

RCEM learning: Thoracic trauma [RCEM Learning Thoracic Trauma Reference Material](#)

Video: [Needle pericardiocentesis – Frcem Exam](#)

Video :USS guided Pericardiocentesis [Limbs & Things - Ultrasound Guided Pericardiocentesis Simulator \(limbsandthings.com\)](#)

Video : [3D How To: Ultrasound Guided Pericardiocentesis | Sonosite | UK](#)

Video: [Emergency Pericardiocentesis - YouTube](#)

## **Lateral Canthotomy**

RCEMLearning : [Sight for Sore Eyes - RCEMLearning](#)

Sim- Resus drills: [Resus Drills: Lateral Canthotomy — #EM3: East Midlands Emergency Medicine Educational Media](#)

Video : [Lateral Canthotomy - procedure guide - First10EM](#)

Live video: [Lateral Canthotomy - Resus](#)

Sim model: How to make lat canthotomy model: [A low fidelity eye model for lateral canthotomy training - ScienceDirect](#)

Sim model: [A low fidelity eye model for lateral canthotomy training \(nih.gov\)](#)

## **Emergency Delivery**

RCEM learning: [Call The Midwife! \(...and other tips on ED deliveries\) - RCEMLearning](#)

EM3: [Lightning Learning: Precipitous Delivery — #EM3: East Midlands Emergency Medicine Educational Media](#)

RCEM Conference 2017: [PowerPoint Presentation \(rcem.ac.uk\)](#)

Video: Emergency Birth simulation: [Emergency Birth Simulation - Hamilton General Emergency Department - YouTube](#)

## **Perimortem C Section**

RCEM conference 2017: [PowerPoint Presentation \(rcem.ac.uk\)](#)

EM3-[Lightning Learning: Perimortem C-section — #EM3: East Midlands Emergency Medicine Educational Media](#)

Blog and Video: 2013 [Perimortem C-section at St.Emlyn's \(stemlynsblog.org\)](#)

Real time simulation- Bradford :

[Maternal Collapse in Pregnancy and the Puerperium \(Green-top Guideline No. 56\) \(rcog.org.uk\)](#)

EMCRIT 2013 Podcast: [Peri-Mortem C-Section - YouTube](#)

Rebellion in EM 2019- Jamie Hope-[Rebellion in EM 2019: Resuscitative Hysterotomy via Jaime Hope, MD - REBEL EM - Emergency Medicine Blog](#)

Courses : MOET-Managing Medical and Obstetrics emergencies : [KFactsheet.pdf \(alsg.org\)](#) and KSS Maternal emergencies day -April.July 21.

Sim model: Low fidelity Sim model-Edinburgh -[Edinburgh Emergency Medicine - Resuscitative Hysterotomy Sim - Make Your Own!](#)

Sim model: Low fidelity Sim model: [An inexpensive and novel model for perimortem cesarean section - PubMed \(nih.gov\)](#)

Sim poster: [Sim Case Series: Perimortem C-Section \(aliem.com\)](#)

Sim model and equipment: [C-section Delivery Made Simple: Low Fidelity & Low Cost Offers Real-Life Experience - YouTube](#)

Sim equipment: [Birthing Models - Midwifery + Obstetrical Training Models \(anatomystuff.co.uk\)](#)

Sim equipment-[SimMom | Laerdal Medical](#)

## **Escharotomy**

RCEM learning: [Major trauma - Burns - RCEMLearning](#)

RCEM learning: [Escharotomy - RCEMLearning Netherlands](#)

EM3- case and sim :[Remember, Remember... Burns and Scalds — #EM3: East Midlands Emergency Medicine Educational Media](#)

Video: Leg escharotomy-[Escharotomy - YouTube](#)

Video: Escharotomy for burns : [Escharotomy Procedures for Burn Patients - YouTube](#)

Video: Military Escharotomy- [Escharotomy Procedure Training - YouTube](#)

### **Pleural aspiration and Chest Drain**

RCEM learning 2019: [Pleural Effusion - RCEMLearning](#)

Pleural tap 2020 Life in the fast lane : [Pleural Tap • LITFL • CCC Procedure](#)

NICE guidelines : [intercostal drains | Search results page 1 | Evidence search | NICE](#)

Video 2016 St Emlyn's: [Chest drains & aspiration: Do it better with St.Emlyn's • St Emlyn's \(stemlynblog.org\)](#)

Sim low fidelity: [Simulation for Skills-based Education in Pulmonary and Critical Care Medicine \(atsjournals.org\)](#)

Sim model- low fidelity: [Build your own ultrasound-guided thoracentesis simulator | ACP Internist](#)

RCEM learning 2020 : [Chest Drain Insertion: A practical guide - RCEMLearning](#)

Video Bromley 2010: [Seldinger Chest Drain procedure by Bromley Emergency Courses - YouTube](#)

### **Open Chest Drain**

RCEM learning 2019 : [Chest Drain Insertion in Adult Trauma - RCEMLearning](#)

RCEM course on Chest drains 2019: [Programme Chest drain insertion course.indd \(rce.ac.uk\)](#)

Video: Oxford group : [Intercostal drain \(chest drain / pleural drain\) insertion - Oxford Medical Education](#)

Video ATLS : [Chest Tube ATLS - YouTube](#)

### **Intrasosseous Access**

RCEM learning 2020: [Tricky IV access - RCEMLearning](#)

RCEM Learning 2020: [Advanced Lines - RCEMLearning](#)

EM3 video: [Major Trauma — #EM3: East Midlands Emergency Medicine Educational Media](#)

Video: EZ-IO- [Emergency Procedures: Intraosseous Access - EZ-IO - YouTube](#)

## **Lumbar Puncture**

RCEM Learning <https://www.rcemlearning.co.uk/reference/decreased-conscious-level-in-a-child/lumbar-puncture-3/>

RCEM learning: <https://www.rcemlearning.org/modules/non-traumatic-subarachnoid-haemorrhage/lessons/investigations-14/topic/lumbar-puncture-2/>

Oxford Medical education video:  
<https://www.oxfordmedicaleducation.com/clinical-skills/procedures/lumbar-puncture/>

LP real model: EMRap 2016 video:  
<https://www.youtube.com/watch?v=WpXGUn7eGZE>

## **External Pacing and DC Cardioversion**

Refer to ALS manual

External pacing video 2020: <https://www.youtube.com/watch?v=B6DS0e5IBIE>

DC cardioversion Oxford Medical education USA:  
<https://www.oxfordmedicaleducation.com/clinical-skills/procedures/dc-cardioversion/>

Debrillation and cardioversion: <https://www.youtube.com/watch?v=T7Zv9vLdWtE>

## **POC USS Cannulation**

<https://radiopaedia.org/articles/ultrasound-guided-peripheral-intravenous-cannulation-2?lang=gb>

Peripheral cannulation using USS- Ipswich Hospital 2014  
<https://www.youtube.com/watch?v=N9DkPLWWaqo>

## **Central Venous Cannulation**

3D How To: Ultrasound Guided Insertion of an Internal Jugular Catheter (Trans) - SonoSite Ultrasound- <https://www.youtube.com/watch?v=eesN9rGoXFM>

CVP line insertion: Oxford Medical education:

<https://www.oxfordmedicaleducation.com/clinical-skills/procedures/central-line/>

### **Ultrasound for Foreign Body**

Refer to EM Curriculum 2021 USS guidance- [www.rcemcurriculum.co.uk](http://www.rcemcurriculum.co.uk)

How to Improve Your Ultrasound Image in Foreign Body Localization and Tendon Injury Eval. <https://www.youtube.com/watch?v=AhPJbxhZ804>

### **Fracture Manipulation/ Joint Reduction**

Refer to techniques.