

## MacPeds Procedural Skills

Based on the Royal College Objectives in Training in Pediatrics document, (p.21), residents are expected to “demonstrate proficient and appropriate use of procedural skills, both diagnostic and therapeutic”

Further details of Royal College Objectives in Training in Pediatrics can be found here:  
<http://www.royalcollege.ca/cs/groups/public/documents/document/y2vk/mdaw/~edisp/tztest3rcpsced000931.pdf>

For residents within MacPeds residency program, we have designated those that require faculty (or subspecialty resident/fellow) supervision and written feedback, by entrustment scale, and those that are to be ‘logged’ by resident. Procedural skills documentation will be reviewed at bi-annual review with Program Director and incorporated into Competence Committee decisions about advancement.

### **Supervision/Sign off Required**

Neonatal resuscitation  
Pediatric resuscitation  
Intubation – pediatric  
Intubation – neonatal  
Chest tube insertion / Thoracentesis  
Needle decompression of pneumothorax  
Tracheostomy change  
UAC – umbilical arterial catheter placement  
UVC – umbilical venous catheter placement  
Intraosseus (IO) insertion  
Central venous catheter placement  
Procedural sedation

### **No Sign off Required**

Bag Valve Mask ventilation  
Oral Airway placement  
LMA placement  
MDI use  
Nebulizer use  
Peripheral IV and phlebotomy  
Arterial stab/line  
Chest compressions  
Defibrillation/cardioversion  
Casting/splinting  
Radial head subluxation reduction  
C-spine immobilization

Foreign body removal (ear, nose, throat, eyes)  
Ear curettage  
Fluorescein administration  
Administration of vaccines and Mantoux test (IM, SC and intra-dermal)  
Joint aspiration/injection  
Granulation tissue treatment  
Bone marrow biopsy/aspiration  
Inguinal hernia reduction  
Bedside glucose teaching  
Single layer laceration closure  
Lumbar puncture +/- opening pressure  
Allergy skin testing  
Bladder catheterization  
NG/OG insertion  
G-tube re-insertion or change  
Pelvic examination