

mMOET 4th edition equipment

Generic mMOET equipment required for each room

mMOET box

3-way tap
 Blank labels
 Blood bottles
 Bougie with angled tip
 BM stix and machine
 BP cuff
 Chest drain bottle and underwater seal
 Chest drain catheter 32fg
 ECG dots x 3
 Elastoplast tape
 ET tubes 2.5-7.5mm uncuffed (in 0.5mm steps)
 1 x 7.5 cuffed
 1 x 6mm cuffed
 Face masks, anatomical 2, 3, 4
 Fluid giving set x 2
 Fluid bags x 2
 HME filters
 i-Gel, size 4 (size 3 also, if available)
 Intraosseous kit
 LMA 1, 1.5, 2, 2.5, 3 and 4
 Laryngoscope with adult curved blade
 Micropore 0.5"
 Minijets – 1 set
 Nasopharyngeal airway size 6
 Oropharyngeal airways 00, 0, 1, 2, 3
 Oxygen mask with reservoir
 Oxygen tubing length
 Pen torch
 Pocket mask
 Pulse oximeter probe
 Self-inflating bag with reservoir 1600ml and 500ml
 Syringes 2 x 50ml, 20ml, 10ml, 5ml, 2ml
 IV additive labels
 Short catheter mount and connector
 Stethoscope
 Tendon hammer
 Tongue depressor
 Unit Of 0-Neg Blood x 2
 Urinary catheter
 Venflons 14g, 16g, 18g – 2 of each
 Y connector
 Yankauer sucker

Additional equipment

Aprons
 Blanket and Pillow
 Dressings/gauze
 Drip stand with blood
 Examination table/trolley
 Fluid bags
 Flip chart
 Gloves (small, medium, large) – one pack of each
 Heartsim and AED and pads (fully charged)
 iPad/tablet or video screen
 Marker pens
 Pillow and blankets
 Resusci Anne or Adult manikin
 Sharps bin
 Syringe Driver
 Table x 2 (one small and one large)
 Tissues and wipes
 Trainer de-fib
 Tub of wipes

Laminated posters/handouts in each room:

BLS algorithm
 ALSG algorithm
 AED algorithm
 Drug dose chart
 Normal ranges
 MEOWs chart
 Sepsis bundle
 GCS
 WHO Surgical Safety Checklist
 Trauma call timeline

Simulation kit

It is assumed that the generic simulation equipment will be available in each room; the list below is of additional items only.

4e sim	Equipment
<p>A1 Airway skills</p>	<ul style="list-style-type: none"> • ALS manikin and epidural • Airway trainer stations x 2 (on table) • Stickers for drugs • Airway Lub x 2 • iGel Size 4 x 2 • Bag, Mask Valve x 2 • Size 4,5 & 6 Masks <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Oropharyngeal airway insertion • Capnography laminate • SBAR handover from midwife
<p>A2 Surgical airway</p>	<ul style="list-style-type: none"> • Larynx x 25 with thin necks (or Sheep neck preparations: one neck per candidate and one for each demonstration) • Large waterproof trays (x 4) • Larynx holders x 6 • Scalpels: size 10 x 6 • ET tubes with catheter mounts size 6 x 6 • 16g (orange) cannulas x 20 • 10 x 10ml syringes • Bag & Valve x 2 (designated for mMOET) • Yellow bags for waste meat • Tub of wipes • 6 x cardboard kidney dishes • 6 x bougies • VBM kit (x5) <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Airway anatomy x 3 • Failed intubation • Suspected Anaphylaxis (AofA) <p>Video required:</p> <ul style="list-style-type: none"> • Access to suitable technology (including Wi-Fi) to play the following video: https://m.youtube.com/watch?v=B8l1t1HIUac
<p>A3 Vascular access/ EZ-IO</p>	<ul style="list-style-type: none"> • Small Table For IO Drill Station • ALS Manikin With Full Thickness Burns On Chest, Abdomen & Upper Back (wrapped in clingfilm) • 2 x IO drill inc full set of needles and dressing (borrow extra drill from ReACT course) • 2x Large Needle & 2 x Medium Needle Required. Corkboards x 6 • 2 x Bones (borrow extra bones from ReACT course box) • 8 x Crunchies (frozen and wrapped in elastoplast)

	<ul style="list-style-type: none"> • 2 x 10ml syringes with screw threads • 2 x 10ml amp of saline • 1 x 500ml bag of saline • 1 x pressure bag • 2 x injection tubing for IO Screw Thread • 2 x Pink IO Wristbands • EZ-IO LD: For patients with raised BMI/ when 5mm <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Sites for intraosseous access • Burns map • SBAR handover from paramedic on arrival • Skill A3: vascular access
A4 BLS & AED <i>(Previously C2)</i>	<ul style="list-style-type: none"> • Scalpel (leave in packet, prop only) <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Adult advanced life support (modified for pregnancy) • SBAR handover • 4 H's ad 4 T's • A4 skill
B1 Uterine inversion leading to Massive PPH <i>(Previously C3)</i>	<ul style="list-style-type: none"> • Syntocinon Infusion (bag of fluid with label) • Photo of rusch balloon OR <ul style="list-style-type: none"> ○ Bakri balloon ○ 60ml urinary catheter / bladder syringe ○ Spigot • Empty bags of fluid with cuts • Knitted uterus x 4 for suture skills • Half Anne with birthing bottom half (Prompt Trainer). Knitted uterus inside Prompt Trainer with cord coming out • Funnel, tubing and jug • Debaquey needle holders (gold handles from tech skills) • Sutures B BRAUN Ref. 0764906 x 4 • x2 16G IV cannulae • Boxes marked with appropriate drugs – atropine, syntocinon, ergometrine • Powder (for 'lubrication') <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • SBAR handover • WHO safety checklist • B1 Skill – uterine inversion
B2 Sepsis <i>(Previously C4)</i>	<ul style="list-style-type: none"> • Tape catheter to leg of manikin. In Generic Box <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • CTG trace • Sepsis screening tool • SBAR handover • ABG results
B3	<ul style="list-style-type: none"> • Yellow EPI catheter with syringe in top

<p>High block and local anaesthetic toxicity <i>(Previously C5)</i></p>	<ul style="list-style-type: none"> • Defib Pads <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • AMPLE history • Picture of a bag of Intralipid • Antidote to local anaesthetic • Lucas 3 Stryker mechanical compression device • SBAR handover
<p>B4 Post-partum hypovolaemic shock with concealed haemorrhage <i>(Previously C6)</i></p>	<ul style="list-style-type: none"> • Ultrasound Machine (if possible) <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • SBAR handover
<p>C1 Shortness of breath/cardiomyopathy with high BMI focus <i>(Previously ME1a)</i></p>	<ul style="list-style-type: none"> • Drug Box IV Furosemide x 4 <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Red flags in a pregnant patient presenting with breathlessness • Chest Xray • AMPLE history as detailed in the scenario • ABG results • SBAR handover
<p>C2 Asthma with pneumonia <i>(Previously ME1b)</i></p>	<ul style="list-style-type: none"> • Blood culture bottle x 2 (blue and dark red tops) x 4 • Nebulizer x 4 • Drugs: salbutamol, ipratropium, aminophylline, magnesium, hydrocortisone, antibiotics <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • AMPLE history • The Sepsis Six • Arterial blood gas • Red flags for shortness of breath • SBAR handover from midwife
<p>C3 Chest pain and aortic dissection <i>(Previously ME2a)</i></p>	<ul style="list-style-type: none"> • Morphine box x 4 <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • AMPLE history • Red flags in a pregnant patient presenting with chest pain • Think aorta poster
<p>C4 STEMI requiring cath lab <i>(Previously ME2b)</i></p>	<ul style="list-style-type: none"> • Asprin 300mg Tablet x 4 • GTN Spray x 4 <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • ECG • Red flags for chest pain • AMPLE history
<p>C5</p>	<ul style="list-style-type: none"> • LP Needle x4 • Ophthalmoscope x 4

<p>Low and high pressure headache <i>(Previously ME3a)</i></p>	<ul style="list-style-type: none"> • Epidural kit • Light/pen torch <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Red Flags for headache • AMPLE history • SBAR handover
<p>C6 Intracranial hypotension caused by unrecognised accidental dural puncture <i>(Previously ME3b)</i></p>	<ul style="list-style-type: none"> • Sunglasses (x3) and blinds shut • Ophthalmoscope <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Red flags for headache • AMPLE history • Blood results • SBAR handover
<p>D1 SVT in a congenital heart disease patient <i>(Previously O1)</i></p>	<ul style="list-style-type: none"> • Defib with pads • Shock box set up on trolley • Perimortem c section pack <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • AMPLE history as detailed in the scenario • ALS algorithm for SVT • SBAR handover
<p>D2 Seizures/ Epilepsy <i>(Previously O2)</i></p>	<ul style="list-style-type: none"> • IV Lorazepan (Saline Bottle) • Diazepam 5mg x 2 (Saline Bottle) • IV Phenytoin (Saline Bottle) • IV Levetiracetam (Saline Bottle) <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • SBAR handover
<p>D3 DKA <i>(Previously O3)</i></p>	<ul style="list-style-type: none"> • 50ml Syringe Labelled Insulin <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • ABG results • MSU urine result dip • SBAR handover
<p>D4 Failed intubation <i>(Previously O4)</i></p>	<ul style="list-style-type: none"> • Scales • NG tube size 14 • Intubating manikin with lungs that move <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Cricoid pressure • Equipment • WHO pause form • SBAR handover
<p>E1 Cardiac arrest with PE</p>	<ul style="list-style-type: none"> • Shock box set up on trolley • Drug Box IV Furosemide x 4

	<p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • Obstetric Cardiac Arrest card • AMPLE history • AED: timings of drugs • SBAR Handover
E2 Severe pre-eclampsia/ HELLP	<ul style="list-style-type: none"> • Magnesium • Labetalol 200mg • Labetalol 50mg • Tendon Hammer • Eclampsia box <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • WHO safety checklist • Eclampsia algorithm • SBAR Handover
E3 Sepsis: upper respiratory trac. viral infection	<ul style="list-style-type: none"> • Nasal Prongs On Manikin <p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • ABG result • AMPLE history as detailed in the scenario • Chest X-ray - https://www.bmj.com/content/370/bmj.m2426
E4 PPH with AIP	<p>Laminated posters/handouts:</p> <ul style="list-style-type: none"> • CTG • SBAR handover