

2019 TRAUMA COMPETITION

November 15, 2019 | Las Vegas, Nevada, USA

Judge and Competitor Handbook

Trauma Competition Equipment Appendix

2019 Competition-Response Bag Contents

The following equipment listed below are the only authorized equipment for use during the ITLS Trauma Care Competition unless authorized by the competition Co-Chairs.

Teams bringing their own equipment may only utilize the equipment in the quantities listed below.

Personal Equipment:

Competitors may carry the following items on their person (from handbook):

- Personal eye protection (not provided)
- Stethoscope
- Patient care gloves (not provided)
- Super scissors (not provided)
- Penlights (not provided)
- Hemostats (not provided)

Airway Equipment:

The following is a list of authorized airway equipment and the quantity:

Quantity	Description
1	Portable suction unit (manual or electronic). With assorted suction cannulas
1	Oxygen regulator
1	Adult non-rebreather mask
1	Adult nebulizing mask
1	Pediatric simple face mask
1	Pediatric nebulizing mask
1	Nasal cannula
1	In line adult aerochamber or equivalent*
1	Airway roll, pouch or bag* (*contents listed separately below)
1	Adult BVM
1	Pediatric BVM

***Note: Judges will determine if items may be deemed as equivalent. Teams will present these items to the judges prior to the competition.**



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Airway Roll Contents:

Quantity	Description
1	Laryngoscope handle
6	Assorted blades for laryngoscope handle. Up to one each of Mac 1, 3 & 4. Miller 0, 1, 4)
1	Pediatric Magill forceps
1	Adult Magill forceps
3	Adult Oral Ett. One each of Size 6.0, 7.0 & 8.0
4	Pediatric Oral ETT. One each of size 2.5, 3.0, 4.0 & 5.0
3	Adult Nasal ETT. One each of Size 6.0, 7.0 & 8.0
1	10cc or 12cc Syringe or equivalent*
2	ETT ties or securing devices
1	Expired Lidocaine spray with nozzle
1	Expired vasoconstrictor (i.e. Otrivin, Dristan)
Up to 6	Assorted oropharyngeal airways (Adult & Pediatric)
Up to 3	Assorted nasopharyngeal airways (6.0, 7.0, 8.0)

IV & Fluid Therapy Equipment:

Quantity	Description
1	Burotrol drip set
2	Marco drip sets (10 gtt)
Various	Any combination of 0.9% saline up to 2000mls. (e.g. 4 x 500ml bags)
1	Small sharps disposal box
1	IV Initiation roll, pouch or bag*. (*contents listed separately below)

IV Initiation Kit:

Quantity	Description (approx.)
8-10	20 Gauge IV Catheters**
2	Tourniquets
20	Alcohol prep swabs
6	2 x 2 gauze dressings
2	Rolls IV securing tape (transparent, hypoallergenic)
10	"Op-site" style IV securing adhesives
2	1 cc syringe with needle
2	1 cc syringe without needle
3	3 cc syringe
2	6 cc syringe
2	10 or 12 cc syringe
2	25 G needles
2	18 G needle
1	Intraosseous (IO) needle

****NOTE:** 20 gauge catheters are used to maintain integrity of mannequins. Competitors may verbalize the size that they would use.

Diagnostic Equipment:

Quantity	Description
1	Glucometer with test strips
1	Electronic thermometer
1	Blood pressure sphygmomanometer
1	Adult BP cuff
1	Child BP Cuff

Medications:

Quantity	Description
1	Amiodarone Vials (placebo or empty/expired)
1	Furosemide Vial (placebo or expired)
1	Naloxone Vial (placebo or expired)
1	Ventolin MDI (expired)
1	Ampule D50W (placebo or empty)
1	Ampule Sodium Bicarbonate (placebo or empty)
5	Ampules Epinephrine (placebo or empty)
2	Ampules Atropine (placebo or empty)
1	Ampule Lidocaine (placebo or empty)
1	MDI Nitroglycerin (expired)
1	placebo saline vial labelled "Valium Placebo"
1	placebo saline vial labelled "Dopamine Placebo" or empty/expired
1	placebo saline vials labelled "Adenosine Placebo" or empty/expired
1	placebo saline vial labelled "Morphine Placebo"
1	placebo saline vial labelled "Midazolam Placebo"
1	placebo saline vial labelled "TXA Placebo" or empty/expired
1	placebo saline vials labelled "Fentanyl" 100mcg/2cc
1	placebo saline vials labelled "Ketamine" 500mg/10ml
1	placebo saline vials labelled "Glucagon"
5	Package of Ventolin nebulas (5mg) empty.

Trauma and Extrication Gear

Quantity	Description (minimums)
4	Rolls 1" or 2" adhesive tape
2	Malleable splints
3	Small pressure dressings
3	Large pressure dressings
4	Roll of 4" cling bandage
6	4 x 4 gauze dressings
6	Triangular bandages
2	Adult multi-size collars
1	Pediatric multi-size collar
2	Head rolls (Styrofoam)
2	Ashermann or other type of valved chest seals
2	Trauma Tourniquets (e.g. CAT, SAM XT Tourniquet, etc.)

2019 Competition-Large Equipment Supply*

The following equipment needs to be sourced locally:

Quantity	Description
4	Stretchers (i.e. Ferno 35A, 35P, Stryker X-frame, etc.)
4	Monitor/Defibrillators with accessories to include capnography
5	Backboards with corresponding straps
4	Oxygen tanks with regulators
4	Seated Extrication devise (i.e. KED, XP1 etc.)
4	Traction Splint (i.e., Sager, Haire, etc.)
4	OB kits
4	Burn Kits
4	Scoop stretchers (Optional-nice if available)

Also: extra consumables are always appreciated (IV catheters, saline, pressure dressings, etc.)

*NOTE: Should there be a change in equipment, all teams will be advised prior to the competition.