

Urine Mixing Instructions for the Clinical Response Lower (CRL)

The TraumaFX[®] Clinical Response Lower (CRL) features a simulated Foley catheter insertion site with urine output. Users can mix a urine solution prior to usage, and can vary it to match the training scenario. Urine concentrates are provided in the accessories kit with the CRL.

CRL Urine Kit:

The CRL is provided with the following supplies for mixing urine and filling the CRL urine bladder:

- Urine Filling System (1 gallon)
- Urine Mix Concentrates
- Liquid Fill and/or Extraction System – Small

Mixing the CRL Urine:

- Fill the 1 gallon urine bucket with clean water
- Add ¼ tsp or 2ml of the Base Urine Mix to the water and stir
- If you desire to have a more concentrated urine color, gradually increase the amount of Base Urine Mix until the desired color is achieved
- To simulate blood in the urine, add the Blood Additive slowly to the urine made in the previous steps until the desired color is achieved

Filling the CRL with Urine:

- Connect the male fitting to the female quick disconnect fitting at the end of the Liquid Fill and/or Extraction System tube (Figure 1)
- Place tubing into the urine solution, and pull back on the syringe to fill
- Remove the male fitting by pressing the button on the female quick disconnect fitting
- Attach female quick disconnect fitting to the fill port on the CRL waist plate (Figure 2). The port is labeled "URINE"
- Depress syringe to dispense into the internal urine bladder
- The bladder holds approximately 250ml of fluid, so multiple syringes can be used to fill the bladder



Figure 1



Figure 2

Emptying the CRL Urine Bladder

- After use, the CRL should be drained of all fluids
- Attach the Liquid Fill and/or Extraction System tube to the waist plate fitting, and draw on the syringe to pull fluid from the CRL reservoir
- Empty syringe and repeat, if necessary, to remove all fluid from the system