

**Bacillus Calmette–Guérin (BCG)
Preparation Instructions during BCG Shortage
Dividing a Single Vial of Bacillus Calmette–Guérin (BCG)
Into Three Equal Doses INSIDE a Biological Safety Cabinet**

Supplies:

- ✓ 1 x 60 mL syringe containing 50 mL of reconstituted BCG (full dose reconstituted per site policies and procedures) labelled with the **beyond use (expiry) date and time**
- ✓ 3 x 60 mL syringes
- ✓ 3 x BCG Medication Administration Kits
- ✓ 1 x Syringe Fluid Dispensing Connector
- ✓ Intravenous (IV) solution bag of Normal Saline 0.9%

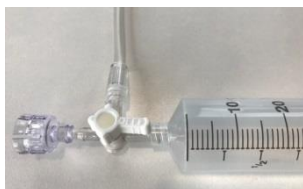
1. luer lock a Syringe Fluid Dispensing Connector to the 60 mL syringe containing the full strength reconstituted BCG
2. luer lock an **empty syringe** to the other end of the Syringe Fluid Dispensing Connector and then record the **beyond use (expiry) date and time** written on the syringe containing full strength BCG onto the empty 60 mL syringe
3. transfer 16.7 mL (1/3) of BCG suspension into the empty syringe



4. disconnect the syringe containing the 1/3 dose of BCG from the Syringe Fluid Dispensing Connector
5. attach a needle to the syringe containing the 1/3 dose and withdraw Normal Saline 0.9% from the IV solution bag into the syringe to a final volume of 50 mL dilute BCG 1/3 Dose; remove the needle from the syringe



6. luer lock a syringe containing 50 mL dilute 1/3 dose BCG onto a BCG Medication Administration Kit; align the “OFF” arrow with syringe until ready to administer to the patient



7. repeat steps 2-6 to prepare each syringe containing 1 dose of 50 mL dilute BCG (1/3 of the full dose)
8. dispose of all supplies used to reconstitute BCG as biohazardous waste according to site-specific policies and procedures

Note:

- **BCG prepared inside a biological safety cabinet *must* be administered within 2 hours of the start of reconstituting the drug in the vial**

➤ **USE ASEPTIC TECHNIQUE THROUGHOUT**