

## Antibiotic Therapy – Single Medicine

### Your doctor has ordered the following:

Medicine: \_\_\_\_\_

Frequency: \_\_\_\_\_

Your first dose to be given on \_\_\_\_\_

@ \_\_\_\_\_ am/pm

Dosing Schedule: \_\_\_\_\_

### Supplies Needed:

- IV Pump
- IV Tubing
- Filter
- Alcohol Pads
- Medicine
- Prefilled Normal Saline Syringe
- Prefilled Heparin (10 units/ml or 100 units/ml) Syringe
- Syringes
- Needles
- Sharps Container

### Steps:

1. Clean and set up your work area.
2. Wash hands and gather supplies.
3. Connect IV tubing and filter together.
4. Connect medicine syringe to end of IV tubing.
5. Push plunger on syringe with medicine until it has filled IV tubing and filter.
6. Insert medicine syringe into IV pump.
7. Clean needleless cap on IV line with alcohol for 15 seconds. Allow alcohol to dry. DO NOT blow or wave to dry it.
8. Attach prefilled Normal Saline syringe to the needleless cap and gently pull back

on plunger to check for blood return then flush line with Normal Saline.

9. Connect IV tubing to the needleless cap. Filter attaches closest to the patient.
10. Turn on IV pump and begin infusion.
11. When infusion is complete, turn IV pump off. Remove medicine syringe from IV tubing and connect prefilled Normal Saline syringe.
12. Flush Normal Saline through IV tubing and leave syringe attached to IV tubing.
13. Remove IV tubing from needleless cap and attach prefilled Heparin syringe and flush line.
14. Place a cap to the filter side of the IV tubing or loop tubing together and store IV tubing for next dose of medicine.

**IMPORTANT:** Use IV tubing and filter for 24 hours then discard.

### REMEMBER:

**S = Saline** \_\_\_\_\_ ml

**A = Administer Medicine** \_\_\_\_\_ ml

**S = Saline** \_\_\_\_\_ ml

**H = Heparin** \_\_\_\_\_ ml

If you have any questions or concerns, please call Cook Children's Home Health at (800) 747-8242.  
A nurse is available 24 hours a day.