

## Continuous Albuterol

### Purpose

1. Conversation information for Continuous Medication Delivery of Albuterol for intubated and non-intubated patients
2. Each ampule (amp) of Albuterol (Alb) is 2.5 mg or 0.5 ml of undiluted solution
3. Know nebulizer output at manufactures suggested flow

### “Mini Heart” (Ventilated) Nebulizer – One Hour Protocol

1. Set flow at 2 l/min for output of 8 ml/hr. Prime nebulizer with 15 ml of fluid, i.e. two hours of therapy
2. 15 mg/hr
  - a. 3 ml Alb (6 amps) + 5 ml NS = 8 ml
3. 22.5 mg/hr
  - a. 4.5 ml Alb (9 amps) + 3.5 ml NS = 8 ml
4. 30 mg/hr
  - a. 6 ml Alb (12 amps) + 2 ml NS = 8 ml
5. 35 mg/hr
  - a. 7 ml Alb (14 (amps) + 1 ml NS = 8 ml
6. 40 mg/hr
  - a. 8 ml Alb (16 amps) + 0 ml NS = 8 ml

### Large Volume “Heart” Nebulizer

1. Set flow at 10 l/min for output of 30 ml/hr
2. 15 mg/hr
  - a. 3 ml Alb (6 amps) + 27 ml NS = 30 ml
3. 22.5 mg/hr
  - a. 4.5 ml Alb (9 amps) + 25.5 ml NS = 30 ml
4. 30 mg/hr
  - a. 6 ml Alb (12 amps) + 24 ml NS = 30 ml
5. 35 mg/hr
  - a. 7 ml Alb (14 amps) + 23 ml NS = 30 ml
6. 40 mg/ml
  - a. 8 ml Alb (16 amps) + 22 ml NS = 30 ml