



### Indications for Curosurf®

- GA < 26 weeks.
- GA 26-29 weeks with supplemental oxygen requirement  $\geq$  40%.
- GA > 29 weeks with CXR-proven RDS.

### Curosurf® Storage

- Curosurf® is stored at 36-46°F.
- If warmed and not opened or used, may be returned to refrigerated storage one time.
- Curosurf® is located in the OB medication refrigerator. If going on a medevac, ask the nurses to get the Curosurf®. It can be stored in a pink thermal bag that is kept next to it in the refrigerator.

### Reference:

See this [YouTube video](#) for a demonstration of the Y catheter.

### Preparation of Curosurf®

- Warm to room temperature and gently invert. Do not shake.
- Choose Curosurf® dose using the [Neonatal Resuscitation Summary](#) using estimated gestational age. If weight is known, calculate dose to be 2.5 mL/kg.
- Draw up total Curosurf® dose using a 20 gauge or larger needle.

### Preparation of Equipment and Patient

- Prior to intubation, if possible, check the ETT cap and make sure it comes on and off easily.
- Make sure you have the correct size Y cap for the ETT size.
- Check fit of Y cap on ETT. Attach catheter and feed it down the tube until it is ½ cm past the tip. Look for the number or color that will tell you the depth of the catheter at this point.
- Intubate patient with ETT cap on tube.
- Verify placement and secure tube.

### Administration of Curosurf®

- Infant should be supine.
- Disconnect Neopuff, bag, or ventilator.
- Remove ETT cap and replace with Y cap. (If ETT cap is stuck, cut the tube as high as possible and then place the Y cap.)
- Attach the Neopuff or bag to the larger port on the Y cap.
- Attach the catheter to the smaller port on the Y cap and advance it until it is at the desired depth.
- Inject the syringe of Curosurf® through the catheter.
- Pull the catheter all the way out but leave attached.
- Bag the baby at a rate of 40-60 breaths/minute for one minute.
- Allow the baby to recover.
- Remove the Y cap and replace the ETT cap.
- Resume ventilation.
- Do not suction for one hour after administration unless required for obstruction.
- Remember to adjust pressure on Neopuff as lung compliance improves.