

## CALI Study Randomization Card

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Treatment: **LISA & Caffeine**

Subject ID: \_\_\_\_\_ Site #: \_\_\_\_\_

Date/time of Randomization: \_\_\_\_/\_\_\_\_/\_\_\_\_ : \_\_\_\_  
MM / DD / YYYY HH : MM**PLEASE REFER ON BACK OF CARD FOR LISA PROCEDURAL CHECKLIST**

FiO2: _____ CPAP: _____ SpO2: _____ HR: _____ at randomization	
1. Caffeine Therapy started in LDR/Resuscitation Rm?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Start time of LISA ( <i>from Laryngoscopy attempt</i> )	Time: ____:____ HH : MM
3. Duration of Laryngoscopy attempt? ( <i>Time of insertion to removal</i> )	1 <sup>st</sup> _____ seconds 2 <sup>nd</sup> _____ seconds 3 <sup>rd</sup> _____ seconds
4. Successful placement of LISA catheter?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Total surfactant administered (2.5 mL/kg)	_____ mLs
6. End time of LISA ( <i>removal of angiocatheter</i> )	Time: ____:____ HH : MM
7. Surfactant aspirated from stomach or leaked from mouth ( <i>failure/regurgitation from trachea</i> )	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Amount surfactant aspirated?	_____ mLs
9. Lowest HR during procedure?	_____ Bpm
10. Lowest SpO2 during procedure?	_____ %
11. Interventions?	Notes:

**Affix patient label to back of this card**

Completed By (Name): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

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**Supplies for LISA procedure:**

- 16g angiocatheter, measured and marked insertion length with tape or Sharpie, NEEDLE REMOVED
- Laryngoscope size:  00     0
- Laryngoscope type:  Video     Conventional
- Curosurf 2.5 mL/kg/dose in syringe
- 8 FR feeding tube and compatible syringe
- 2- 10 mL syringe
- Blunt plastic needle
- 7 inch IV small bore extension tubing

**PROCEDURE:**

- At randomization infant will be on CPAP
- Infant will be positioned in a “sniffing position”
- An 8 FR orogastric (OG) tube will be placed and gastric contents aspirated. OG tube should remain in place during the LISA procedure
- Ensure adequate CPAP and Vital Signs (VS) stable
- Place IV for IV Caffeine loading dose
- Obtain 16 gauge catheter and **remove needle**
- Measure depth of catheter insertion using clean technique (6 + wt in Kg) mark with a small piece of intubation tape or sharpie
- Provider visualizes vocal cords, inserts & stabilizes angiocatheter
- RCP attaches 7 inch IV small bore extension tubing to angiocatheter
- RCP attaches syringe with Curosurf to the extension tubing
- RCP slowly administers Curosurf over 1-2 minutes (approximately in 3 aliquots) while infant is spontaneously breathing on CPAP
- RCP will flush angiocath with 5 mLs of air to clear surfactant from angiocatheter
- Provider will remove angiocatheter and infant will continue on CPAP therapy
- Wean FiO2 as tolerated

**If infant requires intubation within 72 hours, Please complete Intubation Card and call Neonatal Research at x6307**

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(Supplemental File 1)