

Figure 1. CaLI Study Patient Timeline

Assessment	On admission prior to study treatment	0	5'	15'	30'	1-h	2-h	6-h	12-h	24-h	2-d	3-d	Day 28	36-WK PMA	Discharge home	24-m BSID
Inclusion/Exclusion Criteria	x															
Parental Informed Consent	x															
Apgar Score	x	x	x													
Demographic data (weight)	x		x										x	x	x	x
Oxygen Saturation (SpO₂)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Vital Sign (HR)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Fraction of Inspired Oxygen (FIO₂)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CPAP Level	x	←→														
Caffeine Therapy	x	←→														
Bronchopulmonary Dysplasia (BPD)													x	x	x	
Severe Adverse Events (SAEs)	x	←→														
Bayley Scales of Infant Development (BSID)																x

Parental Informed Consent will be obtained prior to birth. Vital signs will be obtained at randomization and during surfactant administration. SAEs are surfactant administration procedure-related and or death prior to discharge.

x indicates continuous monitoring ←→ indicates possible discontinuation during hospital admission

Sharp Mary Birch Hospital for Women & Newborns (version 21OCT2020)