

# CAFFEINE

## FOR ALL <30WKS OR <1.5KG



## EFFECTS

**Less neurodevelopmental impairment at 18-21 months**  
(Schmidt et al 2007)

**Less Cerebral Palsy when used at extubation**  
(Shepherd et al 2018)

**Less Chronic Lung Disease**  
(Schmidt et al 2006, Gary et al 2011)

**Reduced extubation failure within 7 days**  
(Henderson-Smart et al 2010)

**Improved white matter structure**  
(Doyle et al 2010)



## START ON FIRST DAY OF LIFE

**for fewer days on respiratory support**  
(Davis et al 2010)

## DOSE

**20mg/kg bolus IV → 5-10mg/kg daily**

## HOW DO WE NOT MISS IT?

Have a preterm admission bundle/checklist

NICU Pharmacist

Unit Caffeine Champions



**DON'T HAVE YOURS UNTIL THEY'VE HAD THEIRS!**