

# IMPROVING NORMOTHERMIA OUTCOMES

## STOCKPORT NHS FOUNDATION TRUST



Increase in neonatal hyperthermia indentified for babies born <34wks due to multiple warming interventions during stabilisation: Neohelp bag, warming mattress, radiant heat.

Following MDT review and discussion at POG meetings two key measures were implemented.

Babies should have an admission temp of 36.5–37.5C taken within 1hr of delivery



### 4. Antibiotic Prophylaxis

Aim: women in established preterm labour should receive intrapartum antibiotic prophylaxis to prevent early onset GBS infection

### 5a. Early Breast Milk (antenatal info)

Aim: women at risk of preterm birth should receive information about the importance of breast milk

### 5b. Optimal Cord Management (OCM)

Aim: the umbilical cord should be clamped at or after one minute following birth

### 7. Thermal Care

Aim: babies should have an admission temperature taken within one hour and this should be between 36.5–37.5C

### 5b. Early Breast Milk

Aim: all mothers should be supported to express within 2 hours of birth  
All babies should receive their own mother's milk within 24 hours of birth and ideally within 6 hours

Is mother in labour?	Y <input type="checkbox"/> N <input type="checkbox"/>
First Dose:	Date: / / Time: :
Last Dose:	Date: / / Time: :
Given > 4hrs before birth?	Y <input type="checkbox"/> N <input type="checkbox"/>
If no antibiotic prophylaxis given or antibiotic given within 4h, why?	
Antenatal counselling and advice for mother re benefits of MBR and early & frequent expressing?	
Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>	
Antenatal / Intrapartum support provided to express MBR? (including colostrum pack and patient information leaflet?)	
Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>	
If not given, why?	
Was the umbilical cord clamped at or after one minute?	
Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>	
Duration of Cord Clamping: .....Seconds	
If no OCM, why?	
Babies temp in theatre / room prior to transfer: .....°C	
NNU admission temp should be between 36.5 – 37.5 °C	
Temperature on admission to NNU: .....°C	
If temp out of range, why?	
Mother helped to express within 2h of birth?	
Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>	
Date:	/ / Time: :
Colostrum first available:	Date: / / Time: :
Colostrum given to baby:	Date: / / Time: :
If not achieved within first 24h, why?	

1

An enhanced perinatal optimisation passport with expanded temperature monitoring documentation

2

The provision of new neonatal thermometers across all birth settings to improve accurate temperature tracking



### Normothermia Optimisation Stats

MAY 25 33%  
JUN 25 60%  
JUL 25 67%  
AUG 25 63%  
SEP 25 100%

Ongoing monthly audits will assess effectiveness of these interventions in maintaining normothermia