

Patient Sticker	NHS number:
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Newborn Blood Spot Sampling

CONSENT MUST BE OBTAINED BEFORE SENDING TO THE LAB. INFORMATION IN PARENTS PACKS

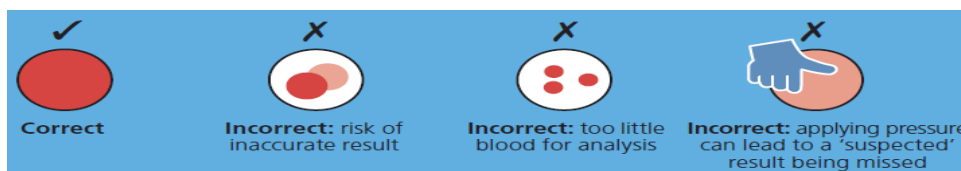
Newborn Blood Screening		Date Taken	Staff Initials	Comments
Day 0-4	1 Spot			
Day 5-8 (day of birth is classed as day 0)	4 Spots			
72 hours Post Blood Transfusion (If given blood before Day 5-8 sample sent)	4 Spots			
Day 28 Sample (If Born <32wks)	2 Spots			
Repeats				

REMEMBER: BABIES NHS NUMBER MUST BE INCLUDED ON THE CARD

Samples can be taken from an arterial/central line or capillary heel prick.

If taking a capillary sample:

- Clean the heel with plain, tepid water
- Additional warming of the foot is **unnecessary** and can be dangerous
- Perform the test using an automated incision device designed for use on newborns (tenderfoot).
- Skin puncture must be no deeper than 2 mm. The external and internal limits of the calcaneus are the preferred puncture site
- Puncture the heel and allow the blood to flow naturally
- Allow a spot of blood to drop on to each circle and seep through to the back of the card. Fill circles completely and do not layer or compress the blood. Do not allow the heel to make contact with the card. If the sample is insufficient or unsuitable a repeat will be requested.



- Record sample on Carevue and the child's red personal child health record. Also photocopy this form and send with baby on transfer, then file this form in the babies medical notes

Send sample to Camelia Botnar labs at GOSH via pod 011/051 or via the porters

Newborn admissions <5 days old:

Check that a single blood spot has been done at the local hospital at birth. If not:

- 1 blood spot sample must be taken on admission PRIOR to transfusion. The blood spot card should be marked 'Pre-transfusion'. The sample should be sent to the laboratory with the routine day 5 sample. This single spot tests for SCD.

Day 5-8: All babies

4 blood spot sample. **All** babies must have a sample taken by day 8. If a baby receives a transfusion before the day 5-8 sample, a sample should be taken on day 8 and a repeat sample should be taken the next time they are over 72 hours post transfusion. Document time of last transfusion and sample in comments.

Babies born <32 weeks gestation:(31+6 days)

- 2 blood spot sample for CHT needs to be taken at 28 days of age or at discharge home, whichever is sooner. Write 'CHT preterm' in the comments box.

NEWBORN SCREENING BLOOD SPOT TEST									
Baby's NHS No.									
SURNAME									
FORNAME									
HOME ADDRESS									
POSTCODE									
G.P. PRACTICE NAME			MOTHER'S FULL NAME		BIRTH WEIGHT LB OZ				
G.P. ADDRESS			MOTHER'S DOB		COMMENTS (Family history e.g. Mother's carrier status (Sickle Cell code HBO Outcome code) temporary address)				
G.P. PRACTICE CODE			PARENT TELEPHONE NUMBER						
PCT			ALTERNATIVE SURNAME						
HOSPITAL OF BIRTH			TEL. NO. OF PERSON TAKING SAMPLE		NAME OF PERSON TAKING SAMPLE (PRINT)				

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Expiry Date: 12-2014

Please check screening card expiry date.

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Sister Lena Russell and Marie-Anne Kelly
Neonatal CNS, October 2015

