Newborn bloodspot screening test

All babies

At birth:

- · Complete screening card
 - o Identification of baby
 - Identification of mother
 - o Baby's UR number
 - o Birth weight
 - o Gestation

Timing:

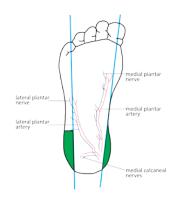
- Collect sample at 48-72 hours of age
- · If discharged from hospital before 48 hours of age:
 - o Discuss option for collection (e.g. by home visiting midwife, child health nurse)

Feeding—note on card:

- · Type, date and time of first milk feed
- If not feeding (NBM)
- If baby fed within last half hour

Sampling technique:

- Collect from most medial or lateral aspect on plantar surface of heel
- Pain management
 - o Breastfeed/EBM during or immediately prior
 - o Skin to skin with mother
 - o Face to face contact
 - Swaddling
 - Non-nutritive sucking
 - o Administer sucrose 24% orally [refer to QCG: NeoMedQ Sucrose]



Completion: Add relevant clinical No Repeat screening information indicated? Complete baby's personal health record (red book) Follow local procedures for dispatching screening card to laboratory Yes Repeat screening: • Repeat screen at appropriate time • Note reason for repeat on screening card If 10% glucose note time and date ceased

 Poor sample Incomplete/poorly applied 	As soon as possible
Baby received 10% glucose infusion > 6 hours	48–72 hours after ceasing infusion
 Perinatal steroids (multiple doses) 	7 days of age
Baby < 1500 g BWMonochorionic multiple birth (e.g. same sex twin)	14 days of age
Blood transfusion in 1st 48–72 hours Collect sample prior	48 hours after transfusion and 14 days later
• TPN	24 hours after starting/resuming milk feeds
• Baby < 1000 g BW	28 days of age (third sample/ second repeat)

Time of repeat

Indication

BW: birth weight; QCG: Queensland Clinical Guidelines; TPN: total parenteral nutrition; UR: unit record; <: less than; >: greater than; ≥: greater than or equal to

Queensland Clinical Guideline. Newborn assessment (routine). Flowchart: F21.4-3-V1-R26

