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GSTFT Clinical Practice Guideline

**PATHWAY TO FOLLOW FOR SICKLE CELL
CHILDREN ADMITTED FOR BLOOD TRANSFUSION**

Date: April 2008
Review date: Review Date April 2010
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Pages: 4

**PATHWAY TO FOLLOW FOR SICKLE CELL CHILDREN ADMITTED FOR
BLOOD TRANSFUSION**

(To be used in conjunction with the Chronic Transfusion Protocol, April 2008)

Pre-visit preparation: The child should have had EMLA applied at home if required.

Single Visit Pathway.

- 1) **Check ID band. Doctor to insert cannula within ½ hour of child's arrival and take bloods.** (Refer to Practice Procedures.)
- 2) **Place crossmatch sample in bag and add Lab's YELLOW slip to bag.**
- 3) **Place FBC sample in URGENT bag. Take both samples in person to Lab. Other bloods are not urgent.**
- 4) **Doctor to clerk in and assess child using Transfusion Proforma.**
- 5) **Nurse or Doctor to ring results service for FBC (88008) ONE HOUR later. Also ring BLOOD BANK (84774) to see if blood is ready.**
- 6) **Ensure red cells are prescribed.**
- 7) **Nurse to do pre-transfusion observations and subsequent observations according to Transfusion Guidelines.**
- 8) **Print Blood Collection Forms from EPR.**
- 9) **Ring porter to pick up blood AS SOON AS its ready (85146, Blp 0207)**
- 10) **Start transfusion within three hours of admission (run at 5mls/kg/hr).**
- 11) **Nurse to send Transfusion tags to Labs.**
- 11) **Nurse to ensure child has appointment for next Transfusion.**
- 12) **EMLA & Desferasirox (Exjade) prescribed and ready to collect on discharge if required.**

Two Visit Pathway.

Order blood tests the day before child is due.

- 1) **Check results and Red Cell units availability before admission.**
- 2) **Check ID band. Insert cannula on child's arrival.**
- 3) **Clerk in and examine child for transfusion using Proforma. Prescribe red cells.**
- 4) **Print Blood Collection Form from EPR & ring porters to collect (85146 or Blp 0207).**
- 5) **Nurse to do pre-transfusion observations and subsequent observations according to Transfusion Guidelines.**
- 6) **Transfusion to commence within TWO HOURS of arrival on ward. (run at 5mls/kg/hr).**
- 7) **Nurse to book next Transfusion & Blood Test.**
- 8) **Emla and Desferasirox (Exjade) prescribed and ready to collect on discharge if required.**

HA/BI April 2008 (Review Date April 2010)

