

Metabolic Investigations

Use in conjunction with Metabolic Protocols.

Problem: _____ is to undergo metabolic investigations.		S/N Sig: _____	Date: _____ Planned by: _____	Problem no: 98
Goal: a) To ensure patient safety during investigations b) To ensure safe collection of samples c) to allay anxiety and provide reassurance during investigations and during recovery period				
Nursing care:			Self / family care	Date and sign / countersign any changes
1. Nurse _____ in a safe environment close to oxygen and suction. 2. Prepare child and family for investigation by re-enforcing explanation given by doctors. Ensure specific instructions re. fasting, collection of specimens etc are clear. 3. Provide Parents / _____ with information leaflets re. study / protocol. 4. Ensure necessary laboratory forms have been completed by Metabolic Team. 5. Inform laboratory of intention to commence study at _____ hours (if applicable). 6. Liaise with ward nurses competent in intravenous cannulation insertion / Intravenous Cannulation Nurse Specialist / medical team re. insertion of Cannula for blood sampling (use Intravenous Cannula care plan). 7. Encourage adequate water intake throughout study to ensure satisfactory urine flow. 8. Adhere to Hospital policy re. blood sampling from cannula. Ensure where possible that samples are atraumatic. 9. Refer to protocol for method, timing and list of required samples. Attach individual Protocol/s to be used to this care plan. 10. Ensure rapid transfer of samples to laboratory. 11. Record results of samples from YSI machine on Glucose & lactate flow sheet – document if from heel/ finger / cannula.			Parents/guardians will inform staff prior of giving feed/drink to _____	
Test / Study Commenced on _____ ✓ / X <input type="checkbox"/>	Test / Study Commenced on _____ ✓ / X <input type="checkbox"/>	Test / Study Commenced on _____ ✓ / X <input type="checkbox"/>	Test / Study Commenced on _____ ✓ / X <input type="checkbox"/>	
Glucose & Lactate profile Adhere to home dietary regime where possible to give best possible indication of normal response to fasting.	Lactate: Pyruvate Study No. of meals _____ Fast from _____ hours	Fasting Study: No. of hours to fast _____ Fast from _____ hours. Finish fast at _____ hours. Ensure rescue doses have been prescribed +/- glucagon Observe closely for signs and symptoms of hypoglycaemia.	Oral Glucose Load Administer _____ g / kg glucose at _____ hours in the form of _____ (insert name). Must drink glucose within 10mins. If refused orally, pass nasogastric tube and administer via tube. Nasogastric tube size _____ FG	