

**NURSING CARE PLAN No 44
PRE AND POST OPERATIVE NURSING CARE OF
A CHILD/INFANT UNDERGOING LIVER BIOPSY**

Full Name:

Address: **Addressograph**

HCR.....

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| Care Plan No 44 Problem | Pre and Post operative nursing care of a child/infant undergoing Liver Biopsy Goals | Issue Date: November 2022 Review Date: November 2025 |
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| is undergoing a liver biopsy for | <ul style="list-style-type: none"> • Pre operative care, the child/infant and family will be safely prepared for liver biopsy in theatre physically and psychologically. • Post operative care, the child/infant will have a safe and comfortable recovery post operatively. • Complications will be detected early and managed appropriately |
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| No | NURSING INTERVENTION | Commencement, Date, Signature, Time, Grade | Discontinued, Date, time, Signature, Grade |
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| 1 | Pre-operative Care | | |
| <ul style="list-style-type: none"> • Explain procedure to patient and family. Involve play specialist in the process. • Discuss with child his/her preferred method of induction if appropriate. • Discuss any other requests that the parent or child may have in relation to surgery. • Ensure child has a bath/shower prior to surgery. <ul style="list-style-type: none"> ○ Fast from Milk solids from: ○ Clear fluids from: • Place fasting sign over bed and explain to parents and child the meaning of same. • Remove food from child's reach. • Specific pre-operative needs: <ul style="list-style-type: none"> ○ Pre operative bloods, I.V Fluids, I.V Vitamin K, Platelet transfusion etc; Clarify same with GI medical team. • Ensure medications are reviewed by the GI medical team including anti-coagulant medication e.g. aspirin and warfarin, NSAIDS. • Complete pre-operative checklist, date and sign, ensure consent is signed. • Administer pre-medication and or other medications if prescribed: • Accompany child/infant and parent safely to theatre • Child/infant may bring comforter to theatre with him/her | | | |

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| 2 | Post-Operative Care | | |
| <ul style="list-style-type: none"> • Check that Airway, Breathing, Circulation and Condition are stable prior to safe transfer from theatre to the ward. • Assess and respond promptly to altered respiratory effort, shock and haemorrhage. • Monitor colour, pulse, respirations, blood pressure, oxygen saturations, and temperature. <p><u>Observation frequency as below:</u> 5 mins x 1 hour 15mins x 2 hours 30mins x 4 hours 1 hourly x 2 hours 4 hourly thereafter for 16 hours or until discharge or as directed by the GI Team/ surgeon / anaesthetist.</p> | | | |

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| | <ul style="list-style-type: none"> • Document vital signs in PEWS chart, report and escalate as per recommendations on PEWS chart. • GI consultant on call to be contacted with any concerns. • Encourage the patient to lie on their right side or supine position. • Encourage bedrest for 2-3 hours post procedure. | | |
| 3 | Wound Care | | |
| | <ul style="list-style-type: none"> • Monitor wound site with observations for redness, pain, ooze, haemorrhage. • Report any abnormalities promptly to the GI Medical team • Dressing:..... • Pressure dressing can be removed 24hours post liver biopsy | | |
| 4 | Nausea and Vomiting | | |
| | <ul style="list-style-type: none"> • Observe for nausea / vomiting. • Assess possible cause. • Support child/infant and provide emesis bowl. • Administer anti-emetics and evaluate same. • Record colour, consistency and volume of vomitus in intake/output chart. • Encourage fluids 1-2 hours post procedure • Light diet after 4 hours, regular diet after 6 hours Or diet as per consultant instruction on green endoscopy procedure sheet | | |
| 5 | Pain | | |
| | <ul style="list-style-type: none"> • Assess pain score on return from theatre. • Utilize non-pharmacological means of pain relief. • Administer analgesia as required and monitor effects of same, report and record. Avoid NSAIDS. • Report any concerns promptly to the GI Medical team | | |
| 6 | Medications | | |
| | <ul style="list-style-type: none"> • Administer other medications as and if prescribed • Ensure medications are reviewed by GI Team prior to discharge as certain medications may be recommended e.g anti coagulants. | | |
| 7 | Discharge | | |
| | <ul style="list-style-type: none"> • Tolerating food and drink • No signs of bleeding • Reviewed by GI team and happy for discharge • Prescription/pharmacy education • Verbal education and provide liver biopsy parent information leaflet • OPD booked | | |

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Issue Date: November 2022 / Review Date: November 2025

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