

**NURSING CARE PLAN No 8**  
**Care of a child undergoing a Hypospadias Repair**

Use in conjunction with careplan 1

Full Name: .....  
Address: Addressograph .....  
HCR.....

Care Plan No 8 Problem		Care of a child undergoing a hypospadias repair Goals	Issue Date: July 2018	Review Date: July 2021
<p>.....</p> <p>has had a hypospadias repair and has a</p> <p><input type="checkbox"/> urethral stent</p> <p><input type="checkbox"/> urethral catheter</p>		<ul style="list-style-type: none"> <li>• <b>Pre-operative care:</b> the child/infant and family will be safely prepared for theatre physically and psychologically.</li> <li>• <b>Post-Operative care:</b> the child/infant will have a safe and comfortable recovery post-operatively.</li> <li>• <b>Discharge preparation:</b> the child and family will receive the appropriate advice and education prior to discharge</li> </ul>		
No	NURSING INTERVENTION		Commencement, Date, Signature, Time, Grade	Discontinued, Date, time, Signature, Grade
1	<b>Pre-Operative care</b>			
	<ul style="list-style-type: none"> <li>• Explain procedure to patient and family. Involve play specialist in the process.</li> <li>• Discuss with child his/her preferred method of induction if appropriate.</li> <li>• Discuss any other requests that the parent or child may have in relation to surgery.</li> <li>• Ensure child has a bath/shower prior to surgery. Fast from Milk solids from: _____ Clear fluids from: _____</li> <li>• Place fasting sign over bed and explain to parents and child the meaning of same.</li> <li>• Remove food from child's reach.</li> <li>• <b>Specific pre-operative needs</b> e.g. I.V. fluids, bowel preparation, stoma siting, swabs, transfusions etc.</li> <li>• Complete pre-operative checklist, date and sign, ensure consent is signed.</li> <li>• Administer pre-medication and or other medications if prescribed:</li> <li>• Accompany child/infant and parent safely to theatre</li> <li>• Child/infant may bring comforter to theatre with him/her</li> </ul>			
2	<b>Post-Operative care</b>			
	<ul style="list-style-type: none"> <li>• <b>Check that Airway, Breathing, Circulation and Condition are stable</b> prior to safe transfer from Recovery Unit to the ward.</li> <li>• Assess and respond promptly to altered <b>respiratory effort, shock and haemorrhage:</b></li> <li>• Monitor colour, pulse, respirations, blood pressure, oxygen saturations, and temperature as directed by the surgeon/anaesthetist/ nursing staff and record in PEWS chart</li> <li>.....</li> <li>• Report and record any deviations from normal.</li> <li>• When stable monitor observations as condition indicates.</li> </ul>			
3	<b>Fluid Intake</b> (encourage parental involvement)			
	<ul style="list-style-type: none"> <li>• Monitor and record strict intake. (See also IV Care Plan).</li> <li>• Discontinue IV fluids once is tolerating oral fluids and _____ has an adequate output.</li> <li>• Observe for nausea and vomiting. Assess possible cause.</li> <li>• Support child and provide emesis bowl. <ul style="list-style-type: none"> <li>◦ Administer anti-emetics and evaluate same</li> <li>_____</li> <li>◦ Record colour, consistency and volume of vomitus in intake/output chart</li> </ul> </li> </ul>			

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3	Fluid Intake continued.....	Commencement, Date, Signature, Time, Grade	Discontinued, Date, time, Signature, Grade															
<table border="1"> <thead> <tr> <th>Age</th> <th>Desired Intake</th> </tr> </thead> <tbody> <tr> <td>Infant</td> <td>100mls/kg/hr</td> </tr> <tr> <td>1-3 years</td> <td>95mls/kg/day</td> </tr> <tr> <td>4-10 years</td> <td>75mls/kg/day</td> </tr> <tr> <td>11-14 years</td> <td>55mls/kg/day</td> </tr> </tbody> </table> <p><b>Other Needs</b></p> <table border="1"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>		Age	Desired Intake	Infant	100mls/kg/hr	1-3 years	95mls/kg/day	4-10 years	75mls/kg/day	11-14 years	55mls/kg/day							
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4	Output & care of stent / catheter																	
<p><b>Urethral stent</b> <input type="checkbox"/> Size: .....</p> <p>Planned date of removal: .....</p> <p>Note: Stent is held in place with a suture.</p> <ul style="list-style-type: none"> <li>• Ensure stent is continuously dripping.</li> <li>• Ensure 'double nappies' are used to prevent the catheter from becoming soiled by faeces and to protect the wound dressing from becoming wet with urine.</li> <li>• Please use nappies without a silicone filling as the silicone forms beads when wet, which may block the stent.</li> </ul>																		
<p><b>Urethral catheter</b> <input type="checkbox"/> Size: .....</p> <p>Planned date of removal: .....</p> <p>Held in place with a: balloon <input type="checkbox"/> tape <input type="checkbox"/> stitch <input type="checkbox"/> <i>please tick as appropriate</i></p> <ul style="list-style-type: none"> <li>• Ensure catheter is continuously draining. Desired urinary output is <b>Infant/child</b> ..... 1-2mls/kg/hour <b>Adolescent</b> ..... 0.5-1ml/kg/hour</li> <li>• The draining system should be appropriate to the individual patient needs <ul style="list-style-type: none"> <li>○ On bed rest - 24hour drainage bag</li> <li>○ Ambulant - leg bag by day &amp; connect 24hour drainage bag to the leg bag at night</li> </ul> </li> <li>• Catheter bag must be positioned below the bladder on an appropriate stand ensuring bag is not touching the floor.</li> </ul>																		
<p><b>General care of urethral stent / catheter</b></p> <ul style="list-style-type: none"> <li>▪ Attend to catheter care daily or more frequently if required (<i>NPC guidelines 2013</i>)</li> <li>▪ Record child's output</li> <li>▪ Administer antibiotics as prescribed</li> <li>▪ Provide education and support for parents / carers to change nappies in preparation for discharge.</li> </ul>																		

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5	<b>Hygiene Needs</b> ( <i>Encourage parental involvement</i> )	Commencement, Date, Signature, Time, Grade	Discontinued, Date, time, Signature, Grade
	<p>_____ 's penile wound is dressed with</p> <ul style="list-style-type: none"> <li>• Primary dressing .....</li> <li>• Secondary dressing .....</li> <li>• Secured with .....</li> </ul> <ul style="list-style-type: none"> <li>○ Keep dressing as dry as possible.</li> <li>○ If soiled by faeces clean outer dressing as much as possible, do not disturb inner dressing until discussed with surgeons.</li> <li>○ For removal of dressing on: .....</li> <li>○ Pre removal of dressing:               <ul style="list-style-type: none"> <li>• Administer adequate analgesia and mild sedative as charted</li> <li>• Loosen outer dressing with 'Appeel' medical adhesive remover spray</li> <li>• Gently cleanse wound with saline, <b>soak in bath if required to remove dressing</b></li> <li>• Pat wound dry gently with gauze</li> </ul> </li> </ul>		
6	<b>Pain / Spasm</b>		
	<p>_____ is at risk of suffering with bladder spasm and pain due to presence of the stent/catheter in the bladder.</p> <p><b>Prevention/Management of pain / spasm:</b></p> <ul style="list-style-type: none"> <li>• Assess pain using a validated age-appropriate pain scale</li> <li>• Administer analgesia as prescribed</li> <li>• Refer to Careplan 9: IV Access if the child is receiving Intravenous Morphine.</li> <li>• Administer anti-cholenergenics as prescribed. (<b>Note: Do not administer</b> these on morning of removal of stent / catheter as it may cause urinary retention).</li> <li>• Monitor effectiveness of medications administered.</li> <li>• Ensure adequate intake.</li> <li>• Administer stool softeners as needed, to prevent constipation.</li> </ul>		
7	<b>Preparation for Discharge</b>		
	<ul style="list-style-type: none"> <li>• Educate parents on catheter, 'double nappy' and wound care prior to discharge. Give advice leaflet.</li> <li>• Ensure parents are confident with providing nappy / catheter care prior to discharge home.</li> <li>• Give parents re-admission date for removal of stent / catheter</li> </ul>		

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