

OUR LADYS CHILDREN'S HOSPITAL  
NURSING CARE PLAN 11  
Neurovascular deterioration  
*(Please use in conjunction with careplan 1)*



Care plan 11 Problem		Neurovascular Deterioration Goals	Issue date: August 2018 Review date: August 2021
<p>Has a potential for neurovascular deterioration related to:</p> <ul style="list-style-type: none"> <li>• Fracture of _____ _____ (Any bone e.g. Humerus, Tibia, Metacarpal etc)</li> <li>• Dislocation of _____ _____ (Any bone or joint)</li> <li>• Injury to _____ _____ (Crush/burn)</li> <li>• Post surgery of _____ _____</li> </ul>		<ol style="list-style-type: none"> <li>1. Alteration in neurovascular status will be promptly detected and reported</li> <li>2. Pain needs will be supported</li> <li>3. Observations will be monitored</li> </ol>	
Commenced, date, time and signature	No.	Nursing intervention	Discontinued, date, time and signature
	<b>1.</b>	<b>Neurovascular care</b>	
	a.	<ul style="list-style-type: none"> <li>• Monitor colour of affected limb, report and record deviations from normal.</li> <li>• Monitor movement of affected limb, all digits, report and record deviations.</li> <li>• Monitor limb sensation, checking each digit separately, report and record deviations.</li> <li>• Monitor temperature of affected limb, (using the back of the assessors hand on each digit separately for effectiveness) report and record deviations. Kunkler, E.C. (1999) <i>Neurovascular Assessment: Orthopaedic Nursing</i>. 3:63-67</li> </ul> <p><b>*Compare all above with unaffected limb or use baseline assessment, Contact Orthopaediac Sho/Reg if any deviations from normal.</b></p> <ul style="list-style-type: none"> <li>• Palpate all pulses distal to the fracture.</li> <li>• If observation is restricted observe capillary refill.</li> <li>• Observe affected limb for swelling, oozing. Report and record deviations from normal.</li> </ul>	
	<b>2.</b>	<b>Pain</b>	
	a.	<ul style="list-style-type: none"> <li>• Assess pain score on admission as per pain assessment guidelines</li> <li>• Utilize both pharmacological and non-pharmacological means of pain relief.</li> <li>• Administer analgesia as required as prescribed as per OLCHC Formulary</li> <li>• Monitor and record effect of analgesia.</li> </ul>	
	<b>3.</b>	<b>Observations</b>	
		<ul style="list-style-type: none"> <li>• Monitor temperature, pulse, respirations, blood pressure, oxygen saturations</li> </ul>	

Updated AUG 2018

Patient name.....

HCRN .....

Ward.....

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		<p>and Colour, Movement, Sensation and Temperature (CMST) of affected limb on admission and then as condition dictates. Report and record deviations from normal.</p>	
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