

## Hip Pain (suspected #NOF)

## SESLHDPR/406

<ul> <li>Aim:</li> <li>Early identification and treatment of life threatening causes of hip pain – suspected fractured Neck of Femur (NOF),</li> </ul>						
escalation of care for patients at risk.						
•	Early initiation of treatment / clinical ca					
As	sessment Criteria: On assessment	the   Po	patient should have one or more of the Rotation of the leg on the injured	e follov <del>[}</del> 3		
	Hip pain post mechanical fall	μ	side	խ	side	
₽	Decreased mobility					
	<b>Escalation Criteria:</b> Immediate life-threatening presentations that require escalation and referral to a Senior Medical Officer (SMO):					
₽	Trauma Call Criteria*	₽	Syncope / Collapse		Neurovascular compromise	
₽	Suspected shaft of femur fracture	₽	Anticoagulant therapy	Ъ	Multiple system injuries	
Pri	mary Survey:					
•	Airway: patency				sory muscle use, air entry, SpO <sub>2</sub> .	
•	Circulation: perfusion, BP, heart rate, t					
NO	ify CNUM and SMO if any of the follo	win	g red flags is identified from Primai	ry Surv	ey and Between the Flags criteria	
₽	Airway – at risk	₽	Breathing – respiratory distress		Circulation – shock / altered perfusion	
•	Partial / full obstruction	•	RR < 5 or >30 /min	•	HR < 40bpm or > 140bpm	
		•	SpO <sub>2</sub> < 90%	•	BP < 90mmHg or > 200 mmHg	
թ	Disability – decreased LOC	₽	Exposure	•	Postural drop > 20mmHg Capillary return > 2 sec	
•	$GCS \le 14$ or a fall in GCS by 2 points	•	Temperature <35.5°C or >38.5°C BGL < 3mmol/L or > 20mmol/L	-	Capitally folding 2 000	
Lie	tonu	•				
•	t <b>ory:</b> Presenting complaint					
•	Allergies					
•	Medications: Anticoagulant Therapy, Anti-hypertensives, Diabetic meds, Analgesics, Inhalers, Chemotherapy, Non- prescription meds, and any recent change to medications					
•	Past medical past surgical history relev	/ant				
•	Last ate / drank & last menstrual period (LMP) Events and environment leading to presentation					
•	Pain Assessment / Score: PQRST (Palliating/ provoking factors, Quality, Region/radiation, Severity, Time onset)					
٠	Associated signs / symptoms: hip / pelvic pain, nature of pain / radiation,					
•	History: history of falls, collapse or care	diac	arrhythmias			
-	stems Assessment: <sup>2-4</sup> cused hip and lower limb assessment	••				
•	<ul> <li>Inspection: Bruises, scars, lacerations, deformities, swelling, symmetry of the pelvis and lower limb (rotation, shortening). If</li> </ul>					
_	<ul> <li>patient is freely mobilising, assess patient stance, gait and walk for symmetry and heal-strike. Observe for C-sign.<sup>5</sup></li> <li><i>Palpate:</i> Palpate for crepitus, pulses and assess for neurovascular compromise.</li> </ul>					
•	Range of movement (stop if pain occ					
Ex	plore mechanism of injury and events	lea	ding up to injury to guide further p	atient	assessments.	
	ify CNUM and Senior Medical Officer sessment.	(SN	IO) if any of following red flags is id	dentifi	ed from History or Systems	
₽	Asymmetrical pelvis	Þ	Hypotension	թ	Neurovascular compromise	
₽	Unrelieved pain post analgesia	Þ	Urinary retention	Þ	Dislocation of hip	
₽	Elderly > 65 years		Acute confusion / agitation	ß	Sepsis (CEC Sepsis Pathway)*	
Inv	estigations / Diagnostics:					
Bee	Bedside: Laboratory / Radiology:					
•	BGL: If < 3 or > 20mmol/L notify SMO ECG: [as indicated] look for Arrhythmia				local nurse initiated <b>STOP</b> f anticoagulant therapy)	
•	Urinalysis / MSU: if urinary symptoms		ent Group and Ho	old (if b	leeding suspected or for OT)	
					emp ≤35 or ≥38.5°C) / Pelvis X-ray <i>(CXR if fracture</i>	
			confirmed)			

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Resuscitat	nterventions / Manage tion / Stabilisation:	Symptomatic Treatment:					
<ul> <li>Oxyger</li> </ul>	n therapy & cardiac monito						
	nulation (consider large bo						
<ul> <li>IV Fluid SMO)</li> </ul>	ds: Sodium Chloride 0.9%	1 litre stat (discuss with • IV Fluids: as per district standing order					
Supportiv	ve Treatment:						
Nil By I	Mouth (NBM)	Fluid Balance Chart (FBC)					
	or vital signs as clinically inc	dicated • Consider IDC for Female with confirmed fractured NOF of males with confirmed fractured NOF and signs of urinary					
	R, T, RR, SpO <sub>2</sub> )	retention					
	or neurological status GCS or pain assessment / score						
Practice Ti	ips / Hints:						
Regula	ar re-assessment of the pat	tient's pain, vital signs and neurovascular assessment (minimum standards hourly).					
		ediately and document the variance, who you escalated to and the treatment plan.					
		mfort. Consider ordering a pressure relieving mattress once the patient is admitted. onsider escalation to a SMO for a Fascio Iliaca Block (FIB) to provide adequate pain relief.					
		til otherwise advised by a SMO. NBM patient will require maintenance fluids while NBM.					
Any pa	atient who presents with de	ecreased mobility must have a mobility assessment completed and documented prior to					
		atient's situation and home arrangements are suitable for discharge.					
	• ·	tients have appropriate pain management prior to leaving the ED.					
Further Re	eading / References:						
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• Murphy,	, M (2007) Emergency Depart	tment Toolkits. Westmead Hospital, SWAHS					
•		nent, Clinical Pathways. Prince of Wales Hospital SESLHD.					
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