

Fascia iliaca block

Clinical competency assessment tool

Clinical outcome

The clinician provides safe and effective care to patients with acute hip fracture requiring fascia iliaca block (FIB) by demonstrating thorough patient assessment (including indications and contraindications to FIB), successful FIB insertion, education to family and/or carer, post FIB management and appropriate documentation.

Name	
Date	
Department or unit	

The participant acknowledges they are ready for observation of practice and has completed all preparation including, read and understood relevant policy and/or protocols and completed associated learning packages, pathways and workshops as outlined on My Health Learning.

(Participant's signature)

The assessor must be a FIB accredited clinical nurse consultant, registrar or consultant

Element	Performance criteria	Competent	Not yet competent
1. Demonstrates an understanding of the general principles for performing a FIB	<p>The competency is undertaken maintaining knowledge and understanding of:</p> <ul style="list-style-type: none"> 1.1 Local FIB policy and procedures 1.2 Work health and safety principles and safe work practices 1.3 The five moments of hand hygiene and principles of asepsis 1.4 Infection prevention policies 1.5 Waste management policies 1.6 Appropriate use of personal protective equipment relevant to risk 1.7 Patient identification policy and protocol 1.8 Patients' rights and privacy e.g. informed consent, appropriate explanation and consideration of social, cultural and emotional factors 		
2. Demonstrates an understanding of the fundamental principles for preprocedure of FIB preparation	<ul style="list-style-type: none"> 2.1 Discusses FIB with patient and family and carer, obtains verbal consent and provides written information on procedure 2.2 Explains risk of procedure to patient and addresses any concerns or questions 2.3 Describes indications for FIBs 2.4 Discusses the contraindications for FIBs 2.5 Outlines the indications and rationale for monitoring during insertion of FIBs 2.6 Ensures peripheral intravenous catheter inserted and intravenous therapy commenced 2.7 Discusses signs and treatment of the following complications: <ul style="list-style-type: none"> 2.7.1 inadvertent intravascular injection 2.7.2 local anaesthetic toxicity 2.7.3 resistance to injection 2.7.4 inferior run off of local solution 2.7.5 reaction to local anesthetic 2.8 Prepares equipment, maintaining aseptic technique, including priming FIB needle and drawing up local anaesthetic 2.9 Positions the patient appropriately to maintain comfort as much as possible 2.10 Describes dose, contraindications, and monitoring requirements for ropivacaine 2.11 Positions the patient appropriately to maintain comfort as much as possible 		

Element	Performance criteria	Competent	Not yet competent
3. Demonstrates an understanding of the fundamental principles for conducting the FIB procedure	3.1	Demonstrates knowledge of anatomy and physiology of the lower limb nervous system	
	3.2	Cleans the area with chlorhexidine gluconate swab	
	3.3	Prepares ultrasound - linear probe (transducer). Sets the ultrasound probe (transducer) to nerve examination setting, set depth to 4-5cm (depending on the size of the patient)	
	3.4	Identifies the following structures on ultrasound: - anterior superior iliac spine - femoral artery and vein - ischium - iliacus muscle - inguinal ligament - fascia lata - fascia iliaca	
	3.5	Demonstrates out-of-plane technique for insertion of FIB and understanding of limitations of in-plane technique	
	3.6	Decreases ultrasound depth to 2-3cm	
	3.7	Inserts 3-5mL local anaesthetic subcutaneously at site of FIB insertion	
	3.8	Inserts FIB needle and visualises tip of needle puncturing the fascia lata and fascia iliaca	
	3.9	Demonstrates correct use of needle and kit used, including spread of local anaesthetic deep to the fascia iliaca using ultrasound	
	3.10	Continues to inject the remainder of the ropivacaine observing spread of local anaesthetic under ultrasound throughout whole procedure	
	3.11	Withdraws needle and applies light pressure to the injection site	
	3.12	Legibly completes documentation with the required information and hands over in a timely, accurate manner	
4. Performs FIB post insertion assessment. Displays ability to problem solve and apply critical thinking skills.	4.1	Discusses post-procedure care including site care, ongoing pain assessment, monitoring requirements and documentation	
	4.2	Demonstrates knowledge of the complications that can arise from FIB post insertion including clinical signs for each of the following: - haematoma - failed block - nerve damage - toxicity - injection into major vessel - infection	
	4.3	Discusses the process if FIB is unsuccessful	
	4.4	Provides any relevant post-procedure instructions to staff caring for patient including ongoing, regular pain assessment	
	4.5	Disposes of equipment and waste appropriately	
	4.6	Ensures patient is comfortable and addresses any required needs before leaving the patient area	
	4.7	Describes the process for escalation if concerns with patient condition, and identifies when interdisciplinary team referral is indicated	

Assessment decision

FIB procedure	Competent	Not yet competent	Not assessed
Action or further training required			
Details of feedback to candidate			
Details of feedback from candidate			

Supervisor's name		Designation	
Signature		Date	

Candidate's name		Designation	
Signature		Date	



© State of New South Wales (Agency for Clinical Innovation) 2022.

[Creative Commons Attribution-NonCommercial 4.0 licence.](https://creativecommons.org/licenses/by-nd/4.0/)

For current information go to: aci.health.nsw.gov.au

All images, including the ACI logo, are excluded from the creative commons licence and may not be reproduced without express permission.