

	Place Patient Addressograph Label Here
NAM	E:
MRN	:
DOB	:

ICU Lumbar Puncture LocSSIP

Indication:		Date & Time:
Imaging reviewed: Yes □ N		Contraindications checked (see overleaf): Yes □ No □
Safe to proceed? Yes □ N	lo 🗆	
Coagulation checked (see guida	nce overleaf): Yes	s□ No □
INR: Platelet Count:		
Dalla di Casasad		
Patient Consent		
Does patient have mental capac	city to consent to th	is procedure? Yes 🗆 No 🗆
If Yes, inform them of potentially se damage	rious or frequently occ	curring complications incl. headache, backache, bleeding, infection, neurologi
If No, consider discussion above wit	h NOK or proceeding i	n patient's best interests
Above discussed with patient a	nd verbal consent g	ained:
Above discussed with patient a		
·	_	Date:
Signature:		
·		Date:
Signature:		Date:
Signature:Name (capitals):		Date:
Signature: Name (capitals): Procedural Documentatio	n	Date: Time:
Signature: Name (capitals): Procedural Documentatio Aseptic Technique: Sterile glo	n	Date:
Signature: Name (capitals): Procedural Documentatio Aseptic Technique: Sterile glo (tick as appropriate)	n oves & gown □ H	Date: Time:
Procedural Documentatio Aseptic Technique: Sterile glo (tick as appropriate) Lidocaine used: 1% 2%	n oves & gown H Volume (ml):	Date: Time: lat & mask □ Sterile drape □ 0.5% chlorhexidine □
Name (capitals): Procedural Documentatio Aseptic Technique: Sterile glo (tick as appropriate) Lidocaine used: 1% □ 2% Position: Left lateral □ Sit	n oves & gown	Date: Time: lat & mask
Signature:	n Volume (ml): Cutting	Date: Time: Hat & mask
Procedural Documentatio Aseptic Technique: Sterile glo (tick as appropriate) Lidocaine used: 1% 2% Position: Left lateral Sit Needle tip: Pencil point Number of attempts:	n oves & gown H Volume (ml): tting Cutting Cutting	Date: Time: lat & mask
Signature:	n oves & gown H Volume (ml): tting Cutting Cutting	Date: Time: Hat & mask
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Procedural Documentatio Aseptic Technique: Sterile glo (tick as appropriate) Lidocaine used: 1% 2% Position: Left lateral Sit Needle tip: Pencil point Number of attempts: Appearance:	n ves & gown	Date: Time: lat & mask

Name: Position:

Signed:

Contraindications

- 1) Local pressure sore or infection over lumbar area
- 2) Patient refusal
- 3) Evidence of potential raised ICP with no recent head imaging, including:
 - Abnormal GCS, confusion, papilloedema, seizures
 - Focal neurological deficits
 - Bradycardia with elevated BP +/- abnormal respiratory pattern

If any signs of raised ICP then ensure CT head completed prior to LP (or imaging reviewed + reported if already obtained) to exclude SOL.

Anticoagulation guidance

Current guidance from the Association of British Neurologists¹ advocates a platelet count of \geq 40 and INR \leq 1.5 as generally safe for LP (note that AAGBI advocate an INR \leq 1.4² for neuraxial procedures). However, if there are underlying concerns around elevated bleeding risk this should be discussed with a haematologist prior to continuing to LP.

Also refer to NBT guidance: "Guidance on assessment and management of anticoagulation for elective procedures" and "Guidelines for the perioperative management of patients taking antiplatelet agents".

The infographic below is taken from the current Association of British Neurologists guidance¹

Antiplatelets	Withhold prior to LP	First dose after LP	Anticoagulants	Withhold prior to LP	First dose after LP
Aspirin low dose 75mg	Continue	No delay	Warfarin	5 Days check INR ≤1.4	12 Hours
Clopidogrel	7 Days consider aspirin cover	6 Hours	LMWH prophylaxis	12 Hours	4 Hours
Prasugrel	7 Days	6 Hours	LMWH treatment	24 Hours	4 Hours (24 hours if traumation
Ticagrelor	7 Days	6 Hours	Fondaparinux prophylaxis	36 Hours	6-12 Hours
Dipyridamole	24 Hours	6 Hours	Fondaparinux treatment	Avoid LP	Avoid LP
Tirofiban + Eptifibatide	4-8 Hours	24 Hours	Unfractionated heparin IV	4-6 Hours	1 Hour
Abciximab	48 Hours	24 Hours	Rivaroxaban + Apixaban	24 Hours	<mark>informatio</mark> 6 Hours
			Dabigatran	48 Hours	6 Hours

References

- 1. Dodd KC et al. *Periprocedural antithrombotic management for lumbar puncture: Association of British Neurologists clinical guideline*. Pract Neurol 2018;18:436–446
- 2. Association of Anaesthetists of Great Britain and Ireland, Obstetric Anaesthetists' Association and Regional Anaesthesia UK. *Regional anaesthesia and patients with abnormalities of coagulation*. Anaesthesia 2013; 68: pages 966-72