Patient-reported experience measures: surgery under nerve block

PREMs questionnaire for the patient to complete before going home or on the day 1 call.

NORA²
NORTHWEST REGIONAL ANAESTHESIA ALLIANCE

FOR STAFF

Audit no. _____ Date _____ Operation _____ Block(s) _____ **Sedation** ☐ None ☐ Light ☐ Deeper

Thank you for helping us improve. Your answers are anonymous and will not affect your care. Please tick one box on each line.

YOUR EXPERIENCE

	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Before the day, I was given enough information about the nerve block					
The choices, including a general anaesthetic, were explained to me					
I had the chance to ask questions					
I was told what would happen while the block was being done					
Having the block was no worse than I expected					
The staff kept me comfortable and at ease					
I was comfortable during the operation					
The sights and sounds in theatre did not trouble me					
I felt safe throughout					
I was told how to look after the numb arm or leg					
I was told when and how to start my painkillers					
I knew who to contact if I had a problem at home					

PLEASE SCORE FROM 0 TO 10

	Score 0 to 10
Discomfort while the block was being done (0 = none, 10 = worst imaginable)	
Pain during the operation (0 = none, 10 = worst imaginable)	
Anxiety during the operation (0 = none, 10 = extreme)	
Overall satisfaction with your anaesthetic (0 = very poor, 10 = excellent)	

SEDATION AND CHOICES

The amount of sedation was ☐ About right ☐ I wanted more ☐ I wanted less ☐ I had none and was happy ☐ I had none and wanted some

Would you choose the same anaesthetic again? ☐ Yes ☐ No ☐ Not sure

Would you recommend it to family or friends? ☐ Yes ☐ No ☐ Not sure

IN YOUR OWN WORDS

What went well? _____

What could we do better? _____

Patient-reported experience measures: surgery under nerve block: notes and standards

How to use the sheet, suggested standards and references.

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HOW TO USE THIS QUESTIONNAIRE

- Give it to the patient before discharge, or read it out on the day 1 telephone call. Someone other than the anaesthetist who did the block should collect it.
- Report each statement as the percentage who agree or strongly agree, and the 0 to 10 scores as median and range.
- Read every free-text comment; group them into themes for the departmental meeting.

SUGGESTED STANDARDS (SET LOCALLY)

Standard	Target
Agree or strongly agree that enough information was given beforehand	90% or more
Told how to protect the numb limb and when to start painkillers	100%
Would choose the same anaesthetic again	Report the rate
Pain during the operation scored 4 or more	Review every case

BACKGROUND

- This is a locally designed questionnaire and has not been formally validated. It follows the domains of validated instruments: information, comfort, pain, attention from staff and waiting.[1,2]
- EVAN-LR is a validated satisfaction questionnaire specific to regional anaesthesia; use it when you need a published instrument for research.[1]
- Most published quality indicators in regional anaesthesia concern safety; patient experience is under-represented, which is the reason to collect it.[3]

REFERENCES

1. Maurice-Szamburski A, Bruder N, Loundou A, et al. Development and validation of a perioperative satisfaction questionnaire in regional anesthesia. Anesthesiology 2013; 118: 78-87. https://doi.org/10.1097/ALN.0b013e31827469f2
2. Bauer M, Böhrer H, Aichele G, et al. Measuring patient satisfaction with anaesthesia: perioperative questionnaire versus standardised face-to-face interview. Acta Anaesthesiol Scand 2001; 45: 65-72. https://doi.org/10.1034/j.1399-6576.2001.450111.x
3. Hamilton GM, MacMillan Y, Benson P, et al. Regional anaesthesia quality indicators for adult patients undergoing non-cardiac surgery: a systematic review. Anaesthesia 2021; 76 (Suppl 1): 89-99. https://doi.org/10.1111/anae.15311