

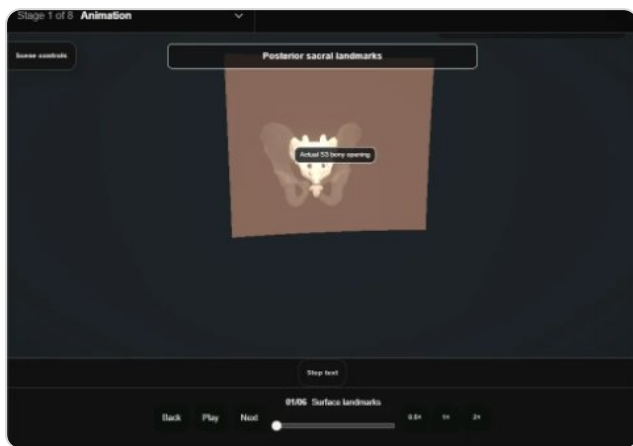
Sacral neuromodulation: S3 lead placement

6 steps, each one the authored title and caption from the interactive animation, with the frame captured from that step. Read it before the case, or print it and work through the steps in order.

Teaching only, not for diagnosis or treatment decisions. The text on this sheet is the animation's own step copy, reproduced verbatim.

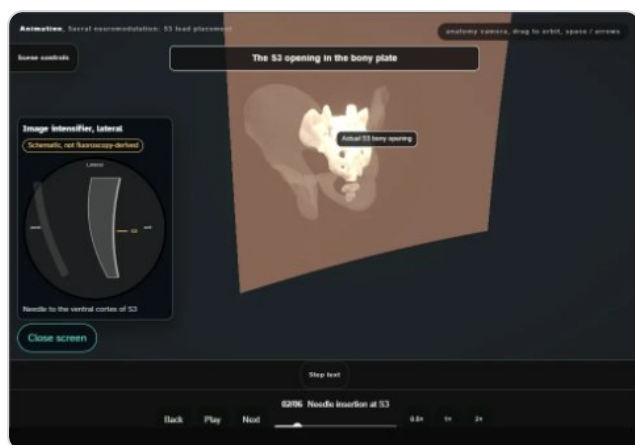
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01 Surface landmarks



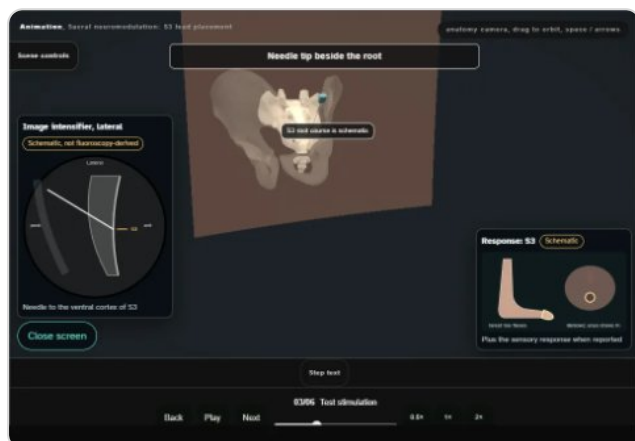
- The **S3 foramen** sits approximately 2 cm lateral to the sacral midline, at the level of the sacroiliac joints and the upper border of the greater sciatic notch.
- Marks are placed bilaterally before draping.

02 Needle insertion at S3



- The foramen needle enters the mark and advances along the foramen axis, **angled anteriorly and laterally 45 to 60 degrees**, to lie beside the S3 root.

03 Test stimulation



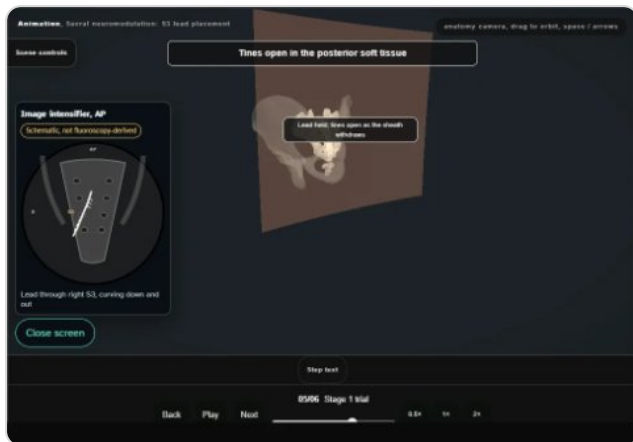
- S3 is the preferred target: look for **pelvic-floor bellows** with plantar flexion of the first and second toes and an appropriate sensory response when it can be reported.
- S2 produces outward leg or foot rotation; S4 produces bellows without a toe response and may be appropriate in selected cases.

04 Lead placement



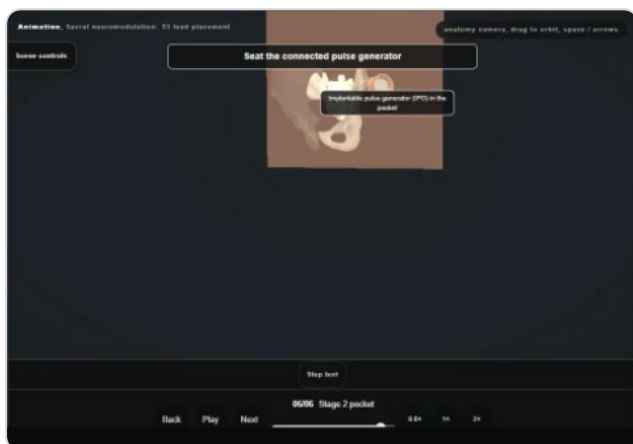
- Pass a **directional guide** through the tested needle, exchange the needle for the dilator and introducer sheath, then insert and test the tined lead.
- Hold the final lead position while the sheath and stylet withdraw so the tines deploy in tissue.

05 Stage 1 trial



- For the advanced staged trial, the **tined lead and its connection remain buried**.
- A separate percutaneous extension is tunnelled to a remote exit and connected to the external trial stimulator; the symptom diary decides success.

06 Stage 2 pocket



- When the trial succeeds, the permanent **implantable pulse generator** sits in a subcutaneous pocket in the upper buttock, clear of the belt line and bony prominences, and the lead is tunnelled to it.

Derived from `SnmScene.tsx` at build time: every step title and caption above is the authored `ProcedureDef` text, reproduced verbatim, and this page shares its readable-points renderer with the animation itself. 6 of 6 steps have a captured frame.

Text fingerprint `e58588958432696a`. A caption edit without a re-capture fails the production check, so the sheet and the animation cannot drift apart silently.

Pre-release educational preview

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