



INTELLIGENT
ULTRASOUND®
for smarter scanning



SCANNAVTM
ANATOMY Peripheral Nerve Block

Real-time AI-assistance to support training
& clinical practice in ultrasound-guided
regional anaesthesia

Articulating arm with adjustable height



Touchscreen monitor can be operated with gloves

CONNECT



Connect to standard ultrasound HDMI / DVI output ports



Ask for compatibility of your specific ultrasound machine

REVIEW



Built-in 3D animated reference material



Supports consistent, standardised & repeatable UGRA training

SELECT



9 high-value ultrasound guided regional anaesthesia procedures:

- Interscalene
- Superior Trunk
- Supraclavicular
- Axillary
- Erector Spinae Plane
- Rectus Sheath
- Suprainguinal Fascia Iliaca
- Adductor Canal / Subartorial Femoral triangle
- Popliteal

PERFORM



Real-time highlighting of sono-anatomical structures



Clinically validated³



Small footprint cart. Ready to go for bedside scanning



Clean with medical grade disinfectant



Real-time highlighting of key anatomical structures

ScanNav Anatomy PNB enhances the accuracy and standardisation of ultrasound image interpretation.

- Powered by Artificial Intelligence, ScanNav Anatomy PNB supports Ultrasound Guided Regional Anaesthesia (UGRA) by providing a real-time colour overlay of key sono-anatomical structures.
- In real-time, it provides a digital second opinion to optimise and confirm the required ultrasound view.
- Supports healthcare professionals who perform UGRA on a less frequent basis.
- Makes it easier to point out anatomical structures to trainees.



“ScanNav Anatomy PNB will help tip the balance of safety and confidence in favour of performing regional anaesthesia.”

**Dr David Burckett-St.Laurent, Consultant Anaesthetist,
Royal Cornwall Hospitals, NHS Trust**

ScanNav Anatomy Peripheral Nerve Block (PNB) is a licensed medical device in the UK and Europe. Currently available for sale in the UK only.

ScanNav Anatomy PNB Trainer is available in the USA for training in a non-clinical environment only. It is not licensed for clinical use in the USA.

**WATCH
THE VIDEO**



**BOOK A
DEMO**



**CLINICAL
STUDIES**



Intelligent Ultrasound is unlocking ultrasound for everyone with real-time support from the classroom to the clinic. Get in touch today:

hello@intelligentultrasound.com
intelligentultrasound.com



Publications & articles

1. Turbitt, L.R., Mariano, E.R. and El-Boghdadly, K. (2020), Future directions in regional anaesthesia: not just for the cognoscenti. *Anaesthesia*, 75: 293-297. <https://doi.org/10.1111/anae.14768>
2. Bowness, J., El-Boghdadly, K. and Burkett-St Laurent, D. (2021), Artificial intelligence for image interpretation in ultrasound-guided regional anaesthesia. *Anaesthesia*, 76: 602-607. <https://doi.org/10.1111/anae.15212>
3. Bowness, J., Varsou, O., Turbitt, L., Burkett-St Laurent, D. (2021). Identifying anatomical structures on ultrasound: assistive artificial intelligence in ultrasound-guided regional anaesthesia. *Clinical Anatomy*, 34(5), 802– 809. <https://doi.org/10.1002/ca.23742>
4. Bowness, L., Macfarlane, A., Noble, A., Highman, H., Burkett-St Laurent, D. (2021). Anaesthesia, nerve blocks and artificial intelligence. *Anesthesia News Magazine* [online]. Available at: <https://anaesthetists.org/Home/Resources-publications/Anaesthesia-News-magazine/Anaesthesia-News-Digital-July-2021/Anaesthesia-nerve-blocks-and-artificial-intelligence> [Accessed July 2021].