

22 May 2026

## Surgical Nerve-Monitoring Equipment & EMG Tubes

Plain-English context for the FOI Manager:

This request covers two product groups commonly used together in ENT, head & neck, thyroid / parathyroid, and similar operations to monitor nerve activity during surgery. Theatres or Biomedical Engineering usually procures them. Specifically:

- **Capital equipment** — small wheeled or table-top monitor consoles used in theatre (often called "nerve monitors", "IONM systems", or "nerve integrity monitors"). Listed in Section 1 below.
- **Disposables** — single-use specialist endotracheal (breathing) tubes with built-in electrodes that detect nerve signals, and related single-use nerve-detecting electrodes/tubes. Listed in Section 2 below.

To make the request as quick as possible, I have set out the form with the main UK manufacturers and products pre-populated. The Trust simply needs to fill in the numbers in the empty cells, and add anything not listed in the "Other" rows. Most of this should be answerable directly from the procurement system in well under an hour.

**Time period:** Capital equipment as currently in use (with year of acquisition); disposables for calendar years 2024, 2025, and 2026 to date.

### 1. Surgical nerve-monitoring systems (capital) — installed base

These are the monitor consoles used in theatre. Please enter the number of consoles / systems currently in use for each model and the year(s) they were acquired (a year, or a range — e.g. "2019" or "2018 & 2022"). If a system in use is not listed, please add it in one of the rows at the bottom (manufacturer + model name).

Manufacturer	System / model	# units in use	Year(s) of acquisition
Medtronic	NIM Vital		
Medtronic	NIM 3.0		
Inomed	C2 NerveMonitor		
Inomed	C2 Xplore		
Neurosign	V4		

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Manufacturer	System / model	# units in use	Year(s) of acquisition
Dr. Langer Medical	Avalanche / nerve monitor		
Any other nerve-monitoring system / console not listed above	Please specify manufacturer and model		
Any other nerve-monitoring system / console not listed above	Please specify manufacturer and model		

**2. EMG endotracheal tubes & nerve-monitoring disposables — units purchased. These are the single-use specialist tubes and electrodes purchased to use with the systems above. Please enter the number of units purchased in each calendar year (2024, 2025, and 2026 to date) for each product. If a product purchased is not listed, please add it in one of the rows at the bottom (manufacturer + product name).**

Manufacturer	Product	Units 2024	Units 2025	Units 2026 to date
Medtronic	TriVantage EMG Tube			
Medtronic	Flex EMG Tube			
Inomed	ALM Tube			
Inomed	Laryngeal Electrode Select			
Dr. Langer Medical	Adhesive tube electrode			
Dr. Langer Medical	Electrode tube			

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Manufacturer	Product	Units 2024	Units 2025	Units 2026 to date
<i>Any other EMG / nerve-monitoring endotracheal tube or electrode not listed above</i>	<i>Please specify manufacturer and product name</i>			
<i>Any other EMG / nerve-monitoring endotracheal tube or electrode not listed above</i>	<i>Please specify manufacturer and product name</i>			

All the above information is exempt from release under Section 31(1)(a) - Law Enforcement.

Manufacturer / Produce Details - detailed make / model data could reveal device age, vulnerabilities and supplier dependencies, increasing the risk of targeted cyber reconnaissance and exploitation.

System / Model Details - Detailed make / model data could reveal device age, vulnerabilities and supplier dependencies, increasing the risk of targeted cyber reconnaissance and exploitation.

Number of Units in Use - Number of devices withheld as, when combined with other available information, contributes to an exploitable understanding of device scale and utilisation within a high-risk healthcare environment.

Year(s) of Acquisition - Purchase year data, when combined with make / model information, may indicate legacy devices and upgrade cycles exploitable by malicious actors.

Number of Units purchased across years 2024,2025 and 2026 to date - Number of devices withheld as, when combined with other available information, contributes to an exploitable understanding of device scale and utilisation within a high-risk healthcare environment. Purchase year data, when combined with make / model information, may indicate legacy devices and upgrade cycles exploitable by malicious actors.

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Section 31(1)(a) - Law Enforcement is a Qualified Exemption and is therefore subject to a Public Interest Test (PIT).

We can confirm that we have now carried out a PIT and the outcome is to maintain the exemption and withhold the information from release.