A secure and safe TIVA line, every time
Why choose Tivatek?

Absolute focus on creating a gold standard in Total Intravenous Anaesthesia, TIVA

Our motivation is to create an advanced range of TIVA products following guidelines from the Safe Anaesthesia Liaison Group (2009) and The Project Orcadian Report (2004) on safe TIVA. We pride ourselves on exceptional manufacturing standards for a range of TIVA sets you can rely on.

Aim
To offer an all in one solution to make delivery of TIVA as safe as possible

Recommendations for Guaranteeing Drug Delivery in Total Intravenous Anaesthesia by the Safe Anaesthesia Liaison Group (SALG), October 2009

1 Using a one-way valve on the intravenous line
It is suggested a one-way valve is used on the IV fluid port when multi-lumen IV connectors are used. All Tivatek™ sets include a high flow, one-way Codan valve on the widebore gravity line.

All valves are 100% leak tested.

2 The site of the cannula must be monitored throughout the procedure
Disconnection of the infusion or displacement of the cannula can go unnoticed so cannula sites should be visually checked at regular intervals as a practical and simple risk reduction.

Tivalok™, as standard with each Tivatek™ set, provides an additional visual aid and added safety from disconnection.

3 Using Medical Equipment
When using medical equipment, it is essential clinical staff know all uses and limitations.

Comprehensive instructions for use are dispatched with all Tivatek™ equipment.

4 Organisations should ensure all one-way valves purchased are clearly labelled
Tivatek™ sets are delivered as a complete, sterile kit so there is no need to purchase an additional one-way valve or multi-lumen/Y connector. This ensures all appropriate and necessary equipment is set up, ready for use.

All products are labelled clearly for intended use.

High flow distal Codan valve (up to 280 mL/min and anti-siphon valves (to prevent free-flow and back-flow) for the syringe pumps included in each set.

Microbore tubing used in all Tivatek™ kits ensures a low priming volume and reduces drug wastage.
Maintenance of anaesthesia during TIVA relies on continuous infusion of intravenous anaesthetic agents. Discontinuation of this infusion for any reason may cause the patient to experience a degree of awareness when consciousness was not intended.

Tivalok™ is a unique line-fixing device which helps ensure each Tivatek™ set is fitted quickly, accurately and securely.

- Made with 3M material
- Hypoallergenic
- Gentle on removal from skin
- Sterile

The adhesive Tivalok™ patch is specifically designed to minimise the risk of unintended disconnection and to prevent accidental detachment of the cannula.

Tethered red end caps with safety straps at all connections comply with the UK Department of Health guidelines issued following Project Orcadian. Note: the gravity I.V. line must never be left open without a line connected or a red end cap.

High specification non-kink tubing offers a reduced risk of occlusion – even with several tight knots in the infusion line, drugs continue to run at flow rates set.
### Ordering information

**Total Intravenous Anaesthesia Sets - clinical dead space 0.6 mL**

<table>
<thead>
<tr>
<th>Product code</th>
<th>Product description</th>
<th>Clinical application</th>
<th>Priming volume</th>
<th>Units per box</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT223</td>
<td>3-way TIVA Multiple Infusion Set 2.2 m</td>
<td>All routine TIVA/TCI administration</td>
<td>4.6 mL</td>
<td>50</td>
</tr>
<tr>
<td>TT253</td>
<td>3-way TIVA Multiple Infusion Set 2.5 m</td>
<td>Ophthalmic and head &amp; neck procedures</td>
<td>5.1 mL</td>
<td>50</td>
</tr>
<tr>
<td>TT303</td>
<td>3-way TIVA Multiple Infusion Set 3.0 m</td>
<td>Neuro/cardiac/maxillo facial procedures</td>
<td>5.9 mL</td>
<td>50</td>
</tr>
<tr>
<td>TT224</td>
<td>4-way TIVA Multiple Infusion Set 2.2 m</td>
<td>Cases where muscle relaxants/inotropes/insulin administered</td>
<td>6.6 mL</td>
<td>25</td>
</tr>
<tr>
<td>TT304</td>
<td>4-way TIVA Multiple Infusion Set 3.0 m</td>
<td>Neuro/cardiac/obstetric TIVA/TCI administration</td>
<td>8.5 mL</td>
<td>25</td>
</tr>
<tr>
<td>TT201</td>
<td>2-way TIVA Infusion Set 2.0 m</td>
<td>Single drug delivery</td>
<td>2.5 mL</td>
<td>50</td>
</tr>
<tr>
<td>TT202</td>
<td>Dual TIVA Multiple Infusion Set 2.0 m</td>
<td>Hydration prior to procedure</td>
<td>3.6 mL</td>
<td>50</td>
</tr>
<tr>
<td>TT11 PCA</td>
<td>Patient Controlled Analgesia Set 2.0 m</td>
<td>General use</td>
<td>2.5 mL</td>
<td>50</td>
</tr>
</tbody>
</table>

Customisation service available upon request

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**Manufactured in the UK**

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