

Solventum/KCI/3M Blood and Fluid Warming Set supply disruption

NHS England has been notified there is currently a nationwide supply issue with Solventum/KCI/3M Blood and Fluid Warming Sets.

We are contacting you as we know that these products are critical for the care of some patients, and unfortunately at this time the manufacturer cannot offer alternatives for the affected products.

The product codes affected are:

NPC	MPC	Product
FSB658	24355	High flow disposable set for Ranger blood and fluid warmer
FSB653	24200	Standard flow disposable set for Ranger blood and fluid warmer
FSB656	24250	Standard flow disposable set with extension for Ranger blood and fluid warmer
FSB934	24450	Paediatric / Neonatal disposable set warm fluid aspiration port
FVR85003	24370	Disposable set high flow with 121cm patient line
FFF430	24370	Hybrid high flow disposable sets with patient line (Box of 10)

NHS Supply Chain (NHSSC) have placed these products on protect demand management and there is currently significant pressure on stock across the range [see NHS Supply Chain

A very limited number of products are now available nationwide.

The manufacturer has already issued customer communications for product users, which stress that products *already in use* are safe for continued usage.

MHRA decision on continued sale of new sets (11/09/2025)

After considering risks and undertaking a review of information provided by the manufacturer, the Medicines and Healthcare products regulatory agency (MHRA) have now granted an Exceptional Use Authorisation (EUA) to enable purchases of new sets, for an initial period of 4 weeks.

During this 4-week period, the MHRA will continue to work with the manufacturer to ensure there is a positive benefit risk balance for the products under this EUA.

Immediate implications for supply of products

NHSSC have now commenced steps toward immediate resumption of sale of these products. Arrangements are in place with the manufacturer and DHSC to ensure rapid restocking of UK distribution networks. It is estimated that it will take 4-5 days for stock to come through from the company to Trusts who need them.

Supply will resume through a managed ordering process, based on need. Whilst over-orders to recover stock position will be fulfilled where possible, demand management controls will be put in place by NHS Supply Chain to ensure fairness.

Please contact your NHS Supply Chain customer representative for further details.

In some areas stock levels will be very low next week – please do liaise with partner organisations in your system and region to ensure mutual aid opportunities are fully exhausted.

Actions for Trusts and wider systems

1. **Mutual aid and system-wide prioritisation:** Trust commercial teams are asked to ensure they are liaising with medical, nursing and EPRR colleagues locally and at system level to make collective decisions on prioritisations remaining stock, and where stock out is a risk, to coordinate mutual aid.

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2. **Preservation of stock for highest clinical priority usage:** In order to protect supply in Trusts, where feasible, clinical teams should ensure that they reserve use of available blood and fluid warming sets for blood products, preserve stock for time-critical surgery as opposed to routine surgery, and use warming cabinets to warm clear intravenous fluids instead.
 3. **Use alternatives if available and clinically appropriate:** If immediately available, Trusts should consider the use of alternative warming systems from suppliers Biegler or Belmont. We understand that the use of other systems would require use of dedicated sets which all trusts may not have.
 4. **Report via NSDR:** Should you not have already done so, please notify National Supply Disruption Response (NSDR) of your position and any concerns via usual reporting methods: [NHS England » Reporting potential supply disruptions of medical equipment and consumables](#)
Please contact the NSDR team between 9am and 5pm Monday to Friday (excluding Bank Holidays) using the following dedicated address: nsdr@dhsc.gov.uk
 5. **Engage with NHS Supply Chain customer services** who are the primary point of contact for individual enquiries and are maintaining a priority log of customers where demand has not been fulfilled.
 6. **Ensure best practice with patient blood management** including use of tranexamic acid, to reduce the need for blood product transfusion.

Local awareness

Trust colleagues are asked to share this information with relevant teams in your organisation who may be affected by the supply disruption, for example: theatre leads, anaesthetic leads, surgical teams, maternity and obstetric lead, paediatrics and neonatal Leads, pathology and Transfusion leads.

Next steps

As there is no guarantee the EUA will be extended, NHS England will also continue engagement with DHSC, NHS Supply Chain and the Medicines and Healthcare products regulatory agency (MHRA) to support a long-term resolution of this issue.

We will communicate further as the situation unfolds, including via relevant professional networks as required.