

Unomedical (Convatec) Abdo-Pressure Kits FSS1093 and FSS1092 (ICN 2019)

Unomedical Critical Care products, previously supplied from the Minsk (Belarus) facility, have ceased being manufactured since 31 May 2022 due to suppliers and providers of raw materials withdrawing from the country. Additionally, external certifications being withheld have impacted upon the ability to certify products as in line with important quality standards.

Two of these products are the **UnoMeter™ Abdo-Pressure™ IAP monitoring system FSS1093** and the **UnoMeter Manometer FSS1092. (Foley Manometers)**

FSS1093 Number of hospital impacted 26, sales value £20,317.47

FSS1092 Number of hospital impacted 31 sales value £29,493.42

How is Intra-abdominal Compartment Pressure measured?

It can be measured directly by inserting a catheter into the abdominal compartment, or indirectly, by monitoring the pressure in the bladder, stomach or other cavities. The simplest and most frequently used method is to measure bladder pressure from an indwelling Foley catheter. This may be done via a pressure transducer to a monitor or a Foley Manometer. Using a Foley Manometer, pressure is measured by the height of the fluid column in the manometer tubing in mmHg.

UnoMeter™ Abdo-Pressure™ IAP monitoring system kit (with UnoMeter™ Safeti™ Plus, 110cm tubing and round hook) **FSS1093**



UnoMeter™ Abdo-Pressure™ IAP monitoring system stand-alone **FSS1092**



Why is Intra-abdominal Compartment Pressure measured?

Measurement of intra-abdominal pressure is used to identify children at risk of intra-abdominal hypertension (IAH) and abdominal compartment syndrome (ACS) in both adults and children. IAH & ACS are most likely to occur in the setting of major fluid resuscitation, severe gut oedema, intra-peritoneal or retroperitoneal bleeding, or ascites. Patient groups may include trauma, burns, septic shock, post abdominal surgery (*Journal of Critical Care* <https://doi.org/10.1016/j.jcrc.2011.08.010>)

Alternative Products

Unfortunately, currently we are unable to source any Foley Manometers.

The Bard/BD Intra-abdominal Pressure (IAP) Monitoring Device was identified as a potential alternative product for clinical consideration, however due to low sales BD have stopped production of this product and they have no stock remaining.

Centurion Medical Products (Medline) have a digital transducer that can be connected to a catheter; NHS Supply Chain have contacted Medline and they are unable to currently supply this product.

This is being investigated and the ICN will continue to be updated with any further information.

Practice Guidance

Currently there is not a nationally endorsed or NICE best practice guidance for this procedure. NHS Supply Chain are aware trusts and individual care providers have developed local best practice procedures, including:

- NHS Greater Glasgow and Clyde – see ‘The Gold standard’ Abdominal pressure, measurement of (scot.nhs.uk)



- London Health Sciences Centre Critical Care Trauma Centre suggests ‘one set of pressure tubing with transducer and arterial’ line extension. <https://www.lhsc.on.ca/critical-care-trauma-centre/information-and-procedure-intra-abdominal-pressure-monitoring>
- Various techniques/kits have been used to measure bladder pressure, including manometry, “homemade” ICU systems, and commercially available IAP monitoring devices. <https://emedicine.medscape.com/article/2113529-technique?reg=1> (log-in required)

Please be aware that any change in practice should be communicated within relevant teams, a risk assessment may be required, and all relevant stakeholders should be involved. i.e., Clinical Leads, Infection Control and Consultants.