

Infusion Pump and Syringe Driver

Quick reference user guide links

The following information is intended as a resource to enable and support healthcare professionals to use the infusion devices listed below. Where possible the company user manuals have been supplied, some devices have website links and some have user uploaded YouTube videos. Please ensure your organisation has agreed to the use of these devices via your local governance structure.

NIVAS takes no responsibility for any elements of missing data and is providing this information and the following internet links in response to the national shortage of infusion pump equipment to support our members in using an alternative pump during this emergency.

This guide should be read in line with the information provided by the National Patient Safety Alert: Supply disruption of sterile infusion sets and connectors manufactured by Becton Dickinson (BD) (NatPSA/2021/001/MHRA)

In reviewing options organisations may want to consider:

- The availability and selection of alternative pumps;
- Requirements for standard/specialist infusion sets to use with this equipment;
- Plans for any training and competency requirements.

Glossary of terms:

- NIVAS – National Infusion and Vascular Access Society
- IV – Intravenous
- IV therapy – medications and fluids delivered into a vein
- Infusion – Delivery of fluid into a vein via a vascular access device
- Vascular access device – any device which consist of a tube that sits into a vein and allows the delivery of IV therapy
- Bolus – a small amount of fluid or medication delivered into the vein
- Volumetric pump – a device that pumps fluid or medication at a regulated rate from a bag or bottle into the patient
- Syringe pump – a device that pumps fluid or medication at a regulated rate via a syringe into the patient
- Giving set – the tubing used to connect the fluids or medication between the pump device and the patient.

Smiths Medical - Graseby 2100 Syringe Pump



Graseby 2100 online user guide: <http://videos.smiths-medical.com/detail/videos/infusion/video/6153157123001/graseby-2100-quick-start-video?autoStart=true&page=1>

MedCaptain HP-30 Syringe Pump



General Information: [Products | MEDCAPTAINCAPTAIN Pump specifications: 1-channel infusion pump - HP-60 - Medcaptain Medical Technology - volumetric \(medicalexpo.com\)](#)

PDF of user manual available on NIVAS website:
[NIVAS | NIVAS](#)

Arcomedical VP7000 Chroma X Volumetric Pump



General information: <https://www.arcomed.com/infusion-pumps/general-ward/>

PDF of user manual available on NIVAS website:
[NIVAS | NIVAS](#)

ICU Medical – Plum 360 Volumetric Pump



General information: [Plum 360 – ICU Medical](#)
Priming : <https://youtu.be/G8YeuEDqrbE>
programming : <https://youtu.be/FkR4IJiNe2M>

BBraun – Infusomat Volumetric & Syringe Pump



User guide:

[B. Braun Space Videos](#)

[Training Resources \(bbraun.co.uk\)](http://trainingresources.bb Braun.co.uk)

e.Learning:

[e-LfH Hub \(e-lfh.org.uk\)](http://e-lfh.org.uk)

Baxter Healthcare – EvoIQ Volumetric Pump



General Information: [Evo IQ Infusion System | Baxter \(baxterhealthcare.co.uk\)](#)

PDF of user manual available on NIVAS website:
[NIVAS | NIVAS](#)

SINO Medical: SN-1800V Volumetric pump

Target Clinical Application/s: Infusion for neonatal, paediatric and adults.

Not to be used for delivery of insulin or blood products



User Guide online:

<https://youtu.be/QldscmX77Fo>

E-learning:

[e-LfH Hub \(e-lfh.org.uk\)](http://e-lfh.org.uk)

PDF of user manual available on NIVAS website:
[NIVAS | NIVAS](#)

Hawkmed HK-100 II Volumetric Pump

Target Clinical Application/s: Intravenous infusion at pre-set infusion rate and volume



User guide:

<https://youtu.be/FY18Q4fgnNO>

E-learning:

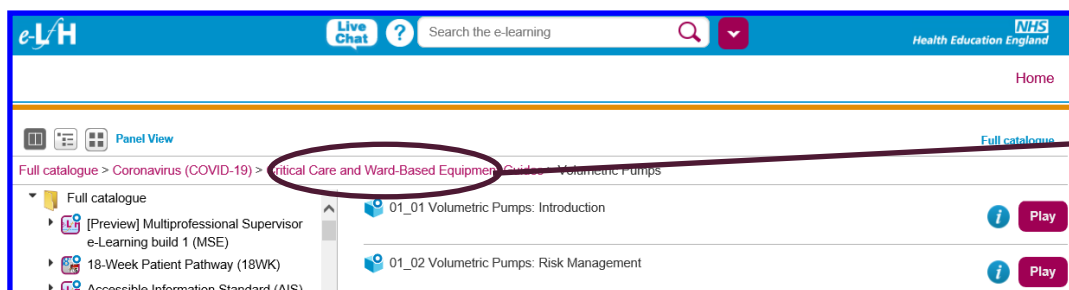
[e-LfH Hub \(e-lfh.org.uk\)](http://e-lfh.org.uk)

PDF of user manual available on NIVAS website:

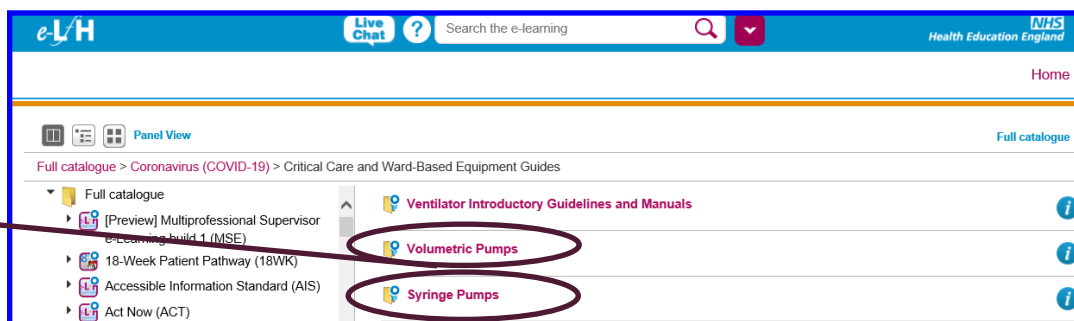
[NIVAS | NIVAS](#)

Information on how to use volumetric and syringe pumps can be found at e-learning for health:

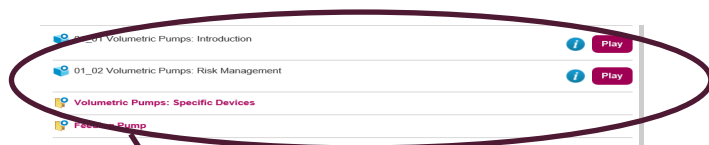
https://portal.e-lfh.org.uk/Catalogue/Index/HierarchyId=0_45016_45678_539&programmId=45016



When the web link opens, select the critical and ward based equipment link



Select either volumetric pumps or syringe pumps



- Volumetric Pumps: Baxter - Colleague
- Volumetric Pumps: Baxter - Colleague P1.7
- Volumetric Pumps: CareFusion - Signature Edition
- Volumetric Pumps: CareFusion - Alaris GP/GP Plus
- Volumetric Pumps: B Braun Infusomat
- Volumetric Pumps: Codan - Argus 708
- Volumetric Pumps: Fresenius Kabi - Volumat Agilia
- Volumetric Pumps: Fresenius Kabi - Volumat MC Agilia
- Volumetric Pumps: Fresenius Kabi - Injectomat & Voluma
- Volumetric Pumps: Hawkmed: HK100
- Volumetric Pumps: Sino Medical SN-1800V

- Syringe Pumps: DeepMed SP3
- Syringe Pumps: Hawk HK400III
- Syringe Pumps: Medcaptain BD HP30 and HP80
- Syringe Pumps: Beyond Sunfusion: Semi-1
- Syringe Pumps: Medfusion
- Syringe Pumps: Medcaptain BD HP30 and HP80
- Syringe Pumps: Codan - Argus 606S
- Syringe Pumps: B Braun Perfusor Space
- Syringe Pumps: Fresenius Kabi - Injectomat Agilia
- Syringe Pumps: CareFusion-Alaris GH Classic
- Syringe Pumps: Fresenius Injectomat MC Agilia
- Syringe Pumps: CareFusion-Alaris CC Classic
- CME Mc Kinley T34