



Perfusor® Spaceplus Syringe Pump and Infusomat® Spaceplus Volumetric Pump TRAINING RECORD

HOSPITAL:

WARD:

ROLE:

NAME:

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OUR VISION

We
PROTECT
and
IMPROVE
the
HEALTH
of people
around the world.

INTRODUCTION

AIMS AND OBJECTIVES

The aim of this worksheet is to aid the participant in demonstrating a practical knowledge and appropriate clinical use of the Perfusor® Spaceplus Syringe Pump and Infusomat® Spaceplus Volumetric Pump.

Trainer: Date of training:

Hospital: Unit/Ward:

This Hands-on worksheet is for use within all clinical areas and has been designed to be used in conjunction with the B. Braun E-Learning material and Quick Reference Guides. These are to be used to help re-enforce the knowledge and skills gained during your training session.

Should you require assistance please contact your B. Braun Clinical Education Specialist or Ward/Unit Super User.

This worksheet contains a learning and development process to aid you gain confidence and proficiency in using B. Braun Spaceplus infusion pumps. The process has been designed to help support the NHSLA Risk Management Standards for Acute Trusts (2006).

STEP ONE: FIRST LINE TRAINING

This training session will be carried out using the B. Braun Spaceplus E-Learning material. The training session will take about 20-30 minutes, and provides you the overall information about the system. This is to help ensure you have acquired the relevant knowledge and skills to commence using the infusion pumps within your clinical setting. On completion of the E-Learning programme you will receive a certificate for your records.

STEP TWO: CLINICAL APPLICATION

You will be supported by members of the B. Braun Clinical Education Service (CES) and your Ward/Unit Super-User whilst you start to use the devices clinically. Using the training received, continue to complete the scenarios in the self-assessment section to re-enforce the knowledge gained during your training session. Use the reference material provided for further support. Once self proficiency has been achieved, complete the relevant sections of your worksheet.

STEP THREE: REVIEW: ASSESSMENT / CONTINUOUS ANNUAL REVIEWS

To ensure proficiency is being maintained your trainer will undertake an assessment. Following this you may be required to attend annual training updates and reviews.

COMPETENCY SELF ASSESSMENT

Self-assessment of proficiency should be measured against the following statements:

These statements are designed to indicate proficiency to use this device. Responsibility for use remains with the user, so if you are in any doubt regarding your proficiency to use the Perfusor® Spaceplus Syringe and Infusomat® Spaceplus Volumetric Pumps, you should seek education to bring about improvement. Various methods include, self-directed learning, coaching and further formal training may be initiated.

Section A - Perfusor® Spaceplus:	SIGN	DATE
<p>Insert the Spaceplus Perfusor® into the Spaceplus Station.</p> <p>Position the pump so that the two guide rails on the underside of the pump are on the pump slot guide rails. Slide pump until you hear a click. If the pump is correctly locked in, the release button on the left side of the pump is flush with the pump housing.</p>		
<p>Switch the Spaceplus Perfusor® on.</p> <p>Press the on/off hard key button.</p>		
<p>Insert a 50 ml syringe and confirm the correct syringe (brand and size).</p> <p>Pull syringe holder, turn completely to right. Place the syringe wing is between the syringe holder and the pump housing.</p>		
<p>Using the Drug Library:</p> <p>Start a new infusion via drug library.</p> <p>Home menu – New infusion. Commence with either new/same patient – Select the drug library care area – Use keyboard to type the name of the drug required (or all drugs) – Select concentration – Enter patient data (if required) – Start infusion.</p>		
<p>Change dose rate in order to exceed the soft limit.</p> <p>Run screen – Click on Dose Rate editor – Change parameter (as soon as value is in soft limit, a yellow indication will be noted) – Confirm value and confirm soft limit warning – Yellow indication shown on run screen.</p>		
<p>Rate Only:</p> <p>Start the infusion with 5 ml/h Home menu.</p> <p>New patient – Rate / Vol / Time.</p>		
<p>Change the delivery input rate to 8.15 ml/h.</p> <p>Run Screen – Click on flow rate – Editor.</p>		
<p>How long will the syringe run?</p> <p>See variable run screen parameter for syringe remaining time.</p>		

Section A – Infusomat® Spaceplus:	SIGN	DATE
<p>Insert the Spaceplus Infusomat® into the Spaceplus Station.</p> <p>Position the pump so that the two guide rails on the underside of the pump are on the pump slot guide rails. Slide pump until you hear a click. If the pump is correctly locked in, the release button on the left side of the pump is flush with the pump housing.</p>		
<p>Switch the Spaceplus Infusomat® on.</p> <p>Press the on/off hard key button.</p>		
<p>Insert and confirm the pre-filled line and use the tube guides on the side of the Spaceplus Station.</p> <p>Press the open hard key, after confirmation, front door opens automatically. Insert the infusion line into the pump from right to left. The infusion line must be in the line guide channel at all points. Including the housing side contour. Close the front flap by pressing the front flap firmly with both hands. Press until you can hear and feel the motorised locking mechanism closing the front door.</p>		
<p>Using the Drug Library:</p> <p>Start a new infusion via drug library.</p> <p>Home menu – New infusion. Commence with either new/same patient – Select drug library care area – Use keyboard type the name of the drug required (or all drugs) – Select concentration – Enter patient data (if required) – Start infusion.</p>		
<p>Change dose rate in order to exceed the soft limit.</p> <p>Run screen – Click on Dose Rate editor – Change parameter (as soon as value is in soft limit, a yellow indication will be noted) – Confirm value and confirm soft limit warning – Yellow indication shown on run screen.</p>		
<p>Rate Only:</p> <p>Start the infusion with 80 ml/h.</p> <p>Home menu – New patient – Input Rate / Vol / Time if Infusomat® Space Line SafeSet is used, no VTBI needed if Infusomat® Space Line is used, VTBI is mandatory to start infusion.</p>		
<p>Change the delivery rate to 125 ml/h.</p> <p>Run Screen – Click on flow rate – Editor.</p>		

Section B - Spaceplus:	SIGN	DATE
Give a manual bolus of 2 ml (if applicable).		
Run screen – Bolus – Press and hold manual bolus button.		
Give a bolus with a volume pre-selection of 2 ml (if applicable).		
Run screen – bolus – Bolus on demand – Enter bolus amount.		
Reset the volume to zero.		
Home menu – Totals and info – Infused volumes it is not needed to stop the pump for this.		
Change the alarm volume to level two.		
Home menu – Device settings – Change to alarm volume.		
Activate the data lock level.		
Home menu – Device settings – Data lock (Default is 9119).		
Change flow rate to maximum flow rate (highest value which is possible in the editor).		
Enter highest value in editor in general, depending on the syringe size different flow rate ranges can be set in the service tool.		
React to pre-alarm and operating alarm.		
Minimise pre-alarm, mute and minimise the operating alarm.		
End the infusion and perform a syringe change (Perfusor® only).		
Run screen – End infusion, Pull syringe holder, turn completely to right. The syringe wing is between the syringe holder and the pump housing.		
Change variable run screen parameter to downstream pressure.		
Run screen – Click on variable parameters (underneath drug name) and pick element of the selection list.		
Change view to syringe view (Perfusor® only).		
Run Screen – change view button.		
Activate the standby mode for 30 minutes.		
Stop infusion (either via stop hard key or on/off hard key) and press and hold the on/off hard key or stop infusion (either via stop hard key or on/off hard key) and press on/off hard key, answer question to set in standby.		
Deactivate the stand-by mode, end infusion and switch off the device completely.		
Exit standby button or any of the hard keys, click end infusion, take out disposable and press and hold on/off hard key.		
Take out the Spaceplus device off the Spaceplus Station.		

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