

Alerts, alarms and troubleshooting

When an **ALERT** is activated:

The infusion continues, LED indicator light remains green, intermittent beeps are heard approx. every 3/4 mins and a screen message alternates with the infusion running screen.

When an **ALARM** is activated:

The infusion stops, the LED indicator light turns red, a continuous audible alarm activates and a screen message displays indicating the cause.

Press **STOP/NO** to mute alarms and follow screen prompts.

Screen	Description
Low Battery	Alert: Approximately 30 minutes of battery life remaining. Connect to mains power.
Near End	Alert: Bag nearly empty, approximately 5mL volume remaining. Prepare new bag, if applicable.
Pump Stopped	Pump has been left in the STOP state for more than 2 minutes with no key presses. Press START/OK to resume, press STOP/NO to continue pause or press and hold down STOP/NO for menu.
End Battery Press Stop	Battery power is depleted. Connect to mains power immediately. Place pump in charger or use the battery cable to connect to the DC socket.
End of Infusion Press STOP/NO for Menu	Current infusion programme has completed. Either discontinue use or change bag to start a new protocol.
Air/Up Occlusion Check for air/occlusion	Air in set or the set is occluded between the infusion bag and pump. If air is visible, disconnect set from patient and prime the set and resume protocol. Check for occlusion source (kinked or trapped set).
Down Occlusion Check set/access	The set or access device is occluded (below pump). Straighten the set and/or remove or open any clamp or clip. Change/flush the access device.
Missing Set Key Load Set Key & Close Door	The set is loaded incorrectly or user has loaded a non-proprietary set. Load administration set with key in keyway. Check set is the correct dedicated BodyGuard set.
Door Open Close Door	The pump door has opened during infusion. Check set is loaded correctly, close door and re-start infusion.
System Error Press Info	A technical/Internal malfunction has occurred. Follow on screen prompts. User may be prompted to power off and on to rectify the problem.
Error (number) Send for Service	If the problem cannot be rectified, power off and remove from patient use. Follow local policy and contact service dept.

CV545 & 575 Pain Mgt/QU/Grz/May/2014

COLOURVISION BODYGUARD Pain Management Pump

Quick user guide

ColourVision
BODY GUARD 545
Epidural Infusion Pump

ColourVision
BODY GUARD 575
PCA Infusion Pump



CME Medical Device Training Is RCN-Accredited

Keypad Lock

With the keypad lock activated, the user can STOP and START an infusion, and with the infusion running use the INFO key to review infusion status. Users cannot (for example) power off, rate change, change bolus or lockout time, deliver a clinician activated bolus or go to the main menu with the keypad lock activated.

Accessing infusion summary

During an infusion, repeatedly press the INFO to access current infusion information: volume infused/to be infused (VI/VTBI), battery level, Pt bolus attempts/given, Clinician Bolus, protocol review screen and date & time

Note

- o Refer to Operating Manual for full operating instructions
- o Users must have undertaken training before operating this device
- o Screen information/sequences may vary with different software versions and local pump configuration

Always follow screen prompts and before pressing keys to proceed, ensure selections made correspond with what is required

cme medical
Listen > Develop > Deliver

CME Medical UK Ltd
Kincaig Business Park,
Kincaig Road,
Blackpool FY2 0PJ

Tel: 01253 894646
Fax: 01253 896648
info@cmemmedical.co.uk
www.cmemmedical.co.uk

Start a new infusion

Prepare bag and set as per local policy

To power on, press and hold down the **ON/OFF** key until a beep is heard and screen displays

	Screen displays pump identification		Next screen displays pump settings
	Enter code, press START/OK		To prime, press START/OK
	Ensure the set is disconnected from the patient. Press START/OK		On completion, the screen returns to the main menu
	To select protocol, press START/OK		Enter code, press START/OK
	Enter the ID number for a new pt (optional)		Press START/OK
	Select the Protocol required (use \uparrow / \downarrow key if necessary), press START/OK		Check protocol, if correct, press START/OK
	Connect set to the correct patient access port and unclamp if necessary. When ready to do, press START/OK to start protocol/infusion		

Infusion screen running

Infusion type/current time		Infusion type/current time
Protocol letter and name	A: Protocol Title	Protocol letter and name
Basal rate (mL/hr, mg/hr, or mcg/hr)	Rate: 2 mL/hr	
Patient controlled bolus dose and lock out time	Patient Bolus 4mL Lockout Time 30 Minutes	
		Actual pressure bar

Rate Change During Delivery (Rate Titration)

Remember to de-activate and activate keypad lock if necessary

- 1 With the infusion in progress, enter the new rate using the numerical keypad, press **START/OK**
- 2 Enter relevant code, press **START/OK**
- 3 Check the rate change is complete on the infusion running screen

Changing Bolus Dose and/or Lock out time

Remember to de-activate and activate keypad lock if necessary

- 1 Press **PRIME/BOLUS**
- 2 Select either "Change Bolus Dose" or "Change Lockout Time", press **START/OK**
- 3 Enter values required, press **START/OK**
- 4 Enter relevant code, press **START/OK**
- 5 Check change complete on protocol running screen

Clinician Bolus (Designated Users Only)

Remember to de-activate and activate keypad lock if necessary

- 1 Press **STOP/NO**
- 2 Press **BOLUS**
- 3 Enter Clinician Bolus access code, press **START/OK**
- 4 Follow on-screen prompt to enter the Bolus dose required, press **START/OK** to commence delivery
 - o Press **STOP** at any time to stop delivery
 - o On completion of Bolus delivery, the infusion running screen displays

Bag Change

Ensure set is clamped/disconnected from patient's access device.

If end infusion alarm activates:

- o Keypad Lock is automatically removed
- o Press **STOP/NO** to confirm end of infusion and mute alarm
- o Follow screen prompts to return to main menu, complete bag change, re-commence protocol and activate keypad lock

If changing bag prior to end infusion alarm:

- o Press **INFO** to record VTBI and VI
- o De-activate keypad lock
- o Press **STOP/NO** to stop the infusion
- o Follow screen prompts to return to main menu, complete bag change, re-connect/unclamp set, resume protocol, and activate keypad lock

Note: When a protocol is resumed and the protocol summary displays, the new VTBI and the total of all volume infused to date out of previous bag(s) will display.