
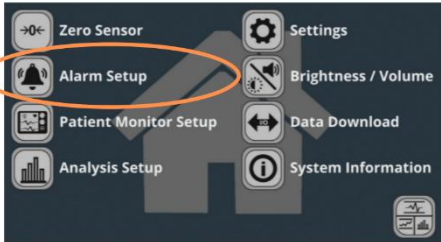


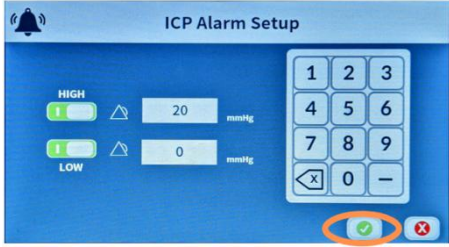

Transporting with CereLink and/or Ventricular Drain

The CereLink can be unplugged to provide ongoing measurements during patient transport. The battery life is approximately 2 hours when fully charged. Plug the CereLink in while in CT or the OR.

Unless going to MRI, transport the patient with the CereLink monitor connected to the patient sensor. Disconnect the cable to the Philips monitor during transport (the pressure and waveform are displayed on the CereLink).

Steps to Prepare to Transport with a CereLink:

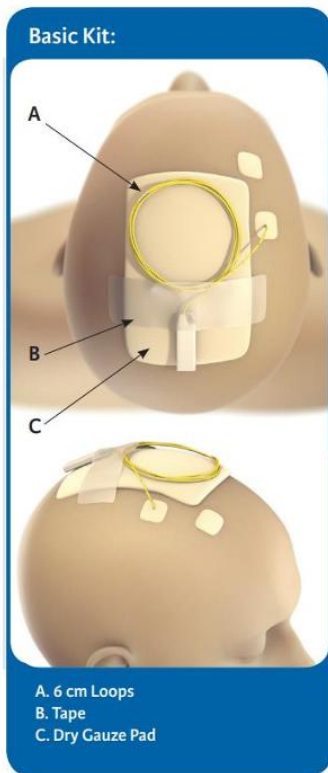
#	Steps	Image	Notes
1	Place the CereLink on a separate poll from other pumps to prevent electrical interference.		
2	<p>Disconnect the blue end of the “<i>Patient Monitor Interface Cable</i>” from the blue port of the CereLink ICP Monitor.</p> <p>Pressure is directly measured by the CereLink which now includes a waveform display. The CereLink is the source of truth (the Philips displays a duplicate).</p>		To remove cable, gently retract back the grey locking ring (indicated by the bidirectional arrow). The cable will then freely come out.
3	Navigate to the home screen, and select “ <i>Alarm Setup</i> ”		

#	Steps	Image	Notes
4	<p>Determine the appropriate high and low alarm limits based on current orders and patient status. Turn both alarms on by selecting the toggle button beside each.</p> <p>Select the check mark to confirm.</p>		<p>While disconnected from the Philips transport monitor, the CereLink will be the only means of producing alarms to notify the nurse.</p>
5	<p>If a patient also has a ventricular drain, the system should be levelled and remain open during transport.</p> <p>When positioning the patient onto the imaging bed, the system can be briefly closed to drainage to prevent accidental over drainage (this can happen if the bed is raised above the level of the drain (drain too low).</p> <p>The system must be re-levelled and opened to drain as soon as the correct drainage level has been restored.</p>		<p>Ensure the drain is well connected to the transport pole to avoid it becoming dislodged and unlevel during transport.</p> <p>Do not lay drain on the patient's bed during transport.</p> <p>Lowering the HOB for scan and movement of the patient will often increase the intracranial pressure. A correctly positioned EVD provides pressure relief.</p>

Steps For MRI:

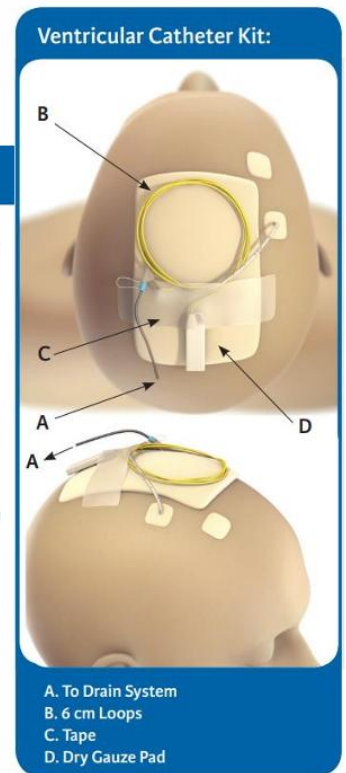
- The CereLink sensor is MRI conditional up to 3 tesla. However, the CereLink monitor and cables are not MRI compatible.
- Under normal conditions, the sensor can generate a temperature rise of up to 2 degrees Celsius during an MRI. The manufacturer warns of overheating the sensor in patients with elevated body temperature. The manufacturer does not specify a temperature threshold; therefore, if a patient is febrile, the nurse must notify the ordering physician to discuss risk versus benefit with radiology.
- Follow the general steps listed above to prepare for transport.
- The sensor can remain connected during transport. However, the **CereLink monitor and cables must be disconnected from the patient before entering the MRI suite.**

Before entering the MRI suite, ensure the CereLink sensor is coiled in 6 cm circles and taped on top of 1 cm thick of gauze.



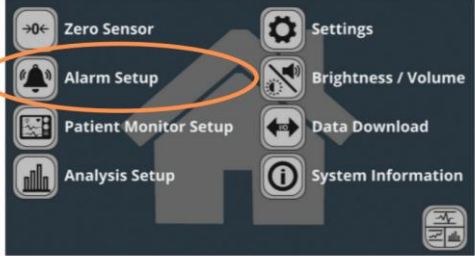
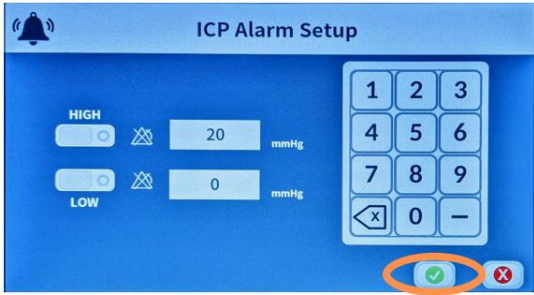
PREPARATION FOR THE MRI PROCEDURE:

1. Immediately prior to entering the MRI suite, verify that the CODMAN MICROSENSOR is functioning properly. DO NOT perform an MRI procedure if the CODMAN MICROSENSOR is damaged or otherwise not functioning properly.
2. Disconnect all cables and patient monitoring devices attached to the CODMAN MICROSENSOR prior to transporting the patient into the MRI suite. DO NOT bring the patient monitoring devices, cables or other accessories into the MRI Suite.
3. Special positioning of the CODMAN MICROSENSOR is required to ensure patient safety during the MRI procedure. The CODMAN MICROSENSOR must be placed in a specific geometry to minimize the potential for excessive heating of the sensor tip. Coil the tubing of the CODMAN MICROSENSOR near the base of the electrical connector into 5 or 6 loops approximately 6 cm in diameter and center on top of the patient's head (see graphics below). Do not perform MRI with the CODMAN MICROSENSOR in a "straight line" configuration (i.e., uncoiled). Failure to follow this guideline can result in serious injury to the patient.
4. Insert a dry gauze pad at least 1 cm thick between the CODMAN MICROSENSOR electrical connector with coiled tubing and the patient's scalp. Secure in place using tape (see graphics below). Use care when removing the tape to prevent damage to the CODMAN MICROSENSOR.



Steps When Returning from Transport:

#	Steps	Image	Notes
1	Reconnect blue cable to Phillip's bedside monitor. Ensure yellow cable is connected to the end of CereLink sensor.		
2	Sync the CereLink monitor to the Philips bedside monitor by following the procedures for "Syncing CereLink & Monitor".		

3	Once the CereLink is synced to the bedside monitor, ensure that the ICP alarms on the Philips monitor reflects current orders and are turned on.		
4	The alarms on the CereLink can now be turned off, by navigating to the home screen and selecting “Alarm Setup”		
5	<p>Select the high- and low-level alarm toggle to turn off.</p> <p>Once turned off, select the green checkmark in bottom right of screen to confirm.</p>		

OGV May 15, 2026