



Medtronic

Exacta™

EXTERNAL DRAINAGE
AND MONITORING SYSTEM

Quick Reference Guide



Refer to product package insert for instructions,
warnings, precautions and complications.

Components of the Exacta™ System



- Reusable Blue Pole-Clamp
- Single-Use Drainage System

Refer to product package insert for instructions, warnings, precautions and complications.

Attach the Exacta™ System to the IV Pole

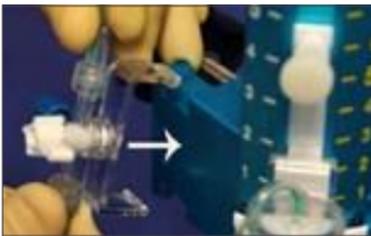


- Loosen the black knob on the pole clamp and secure it to the IV Pole

Attach the Drainage System to the Blue Pole Clamp



- Slide the drip chamber bracket into the groove at the top of the blue pole clamp



- Attach the main-system Stopcock clip to the bracket on the blue pole clamp



- Example of the main-system stopcock clip attached to the pole clamp

Instructions,
warnings, precautions and complications.

Attach the External Pressure Transducer to the Main-System Stopcock



- Remove the Blue Cap from the main-system stopcock

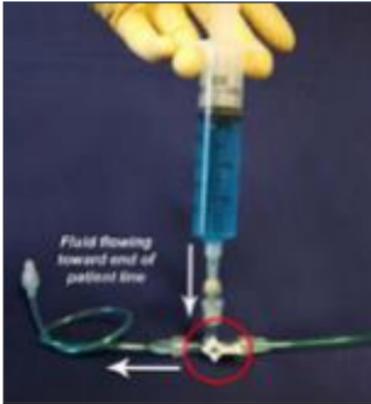


- Attach the External Pressure Transducer to the main-system stopcock

Refer to product package insert for instructions, warnings, precautions and complications.

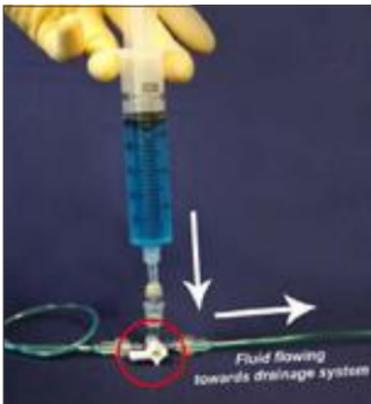
Note: Medtronic does not provide or sell External Pressure Transducers. Please refer to your Transducer Manufacturer's Instructions for Use.

Priming the Patient Line



- Using a 30cc syringe and preservative-free normal sterile saline, access the patient line stopcock injection site and prime the patient line towards the short section of tubing (the end that connects to ventricular catheter)

Ensure line is fully primed and all air bubbles are removed



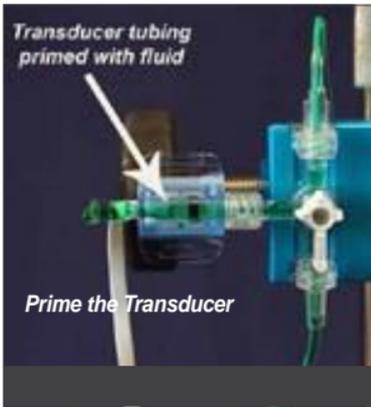
- Rotate the patient line stopcock 180° so fluid can be pushed in the direction of the drip chamber

Instructions,
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- Priming the patient line all the way through to the drip chamber

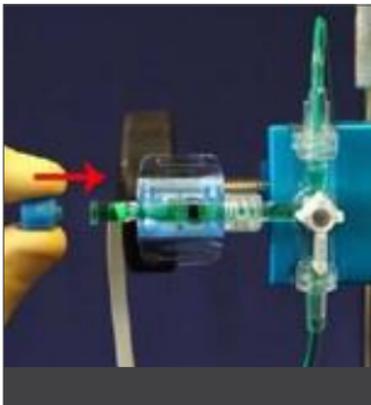
Ensure all air bubbles are eliminated from the patient line

Prime the External Pressure Transducer*



- If using a pressure transducer, prime it at this time
- Using sterile technique, loosen or remove the end-cap on transducer
- Rotate the main system stop- cock as show in this image
- Push the sterile saline solution through the inner tubing of the transducer and insure that all air bubbles have been removed.

Note: Fluid is being injected



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*from
syringe
connected
to patient line*

stopcock

- Reapply end-cap to transducer

* Please refer to your Transducer
Manufacturer's Instructions for Use.

Level Drainage System to Patient's Head



- The attached Exacta™ Laser Level can be used to level the drainage system to the patient's head



- Activate the laser by pressing and releasing red power button (Laser will stay on for 20-30 seconds, then turn off automatically)

Instructions,
warnings, precautions and complications.

Level Drainage System to Patient's Head



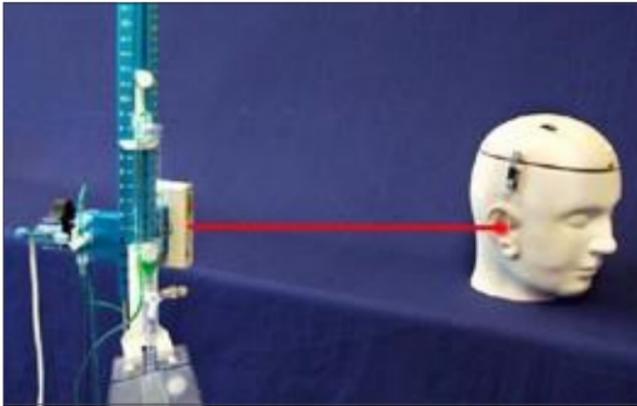
- Rotate laser so it generally points towards the patient's head
- Ensure the laser is horizontally level by using the yellow bubble level on the top of the laser



- Bubble should rest evenly between the two black lines on the bubble level

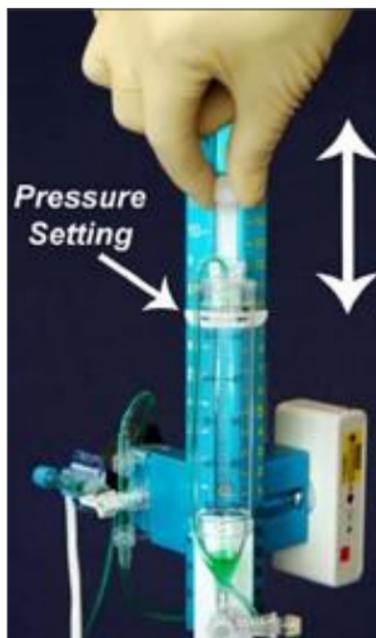
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Level Drainage System to Patient's Head



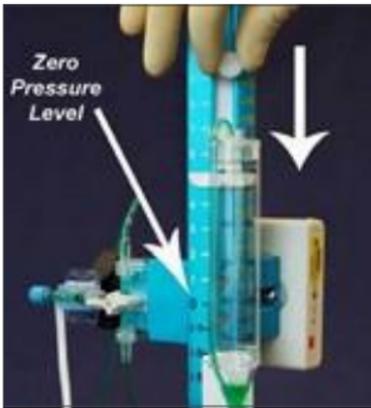
- Once the laser is level, loosen the black knob on the pole clamp to raise or lower the Exacta™ drainage system to a height such that the laser points to the correct landmark on the patient's head.
- Commonly Used Landmark is:
EXTERNAL AUDITORY CANAL

Setting a Pressure Threshold on System

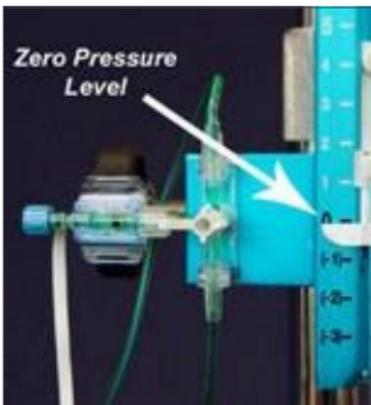


- Raise or lower the drip chamber to the pressure setting described by the doctor
- The prescribed pressure number should be aligned with the white plastic “wings” on the drip chamber bracket
- Tighten the drip chamber locking screw

“Zeroing” the Pressure Transducer* to Atmospheric Pressure



- It is very important that the “0” pressure level on the pressure scale be level with the patient’s head, prior to zeroing the transducer



- Lower the drip chamber until the white plastic “wings” on the drip chamber bracket are aligned with the “0” position

“Zeroing” the Pressure

on the pressure scale

* Please refer to your Transducer
Manufacturer's Instructions for Use.

“Zeroing” the Pressure Transducer to Atmospheric Pressure



- Rotate the knob on the main system stopcock so that it is turned off to fluid coming from the patient, but open to the drip chamber (see photo)



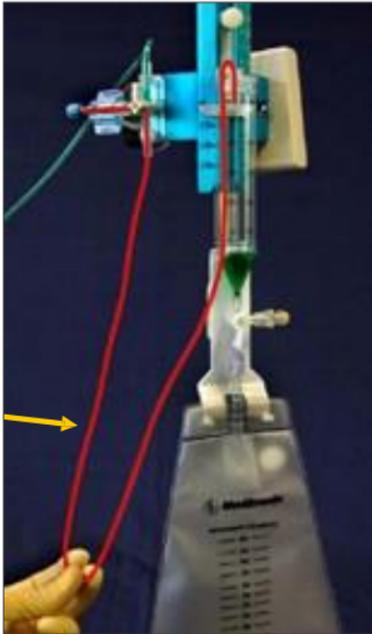
- The Clinician then pushes the zero button on the bedside monitor and the transducer is now “zeroed” to

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“Zeroing” the Pressure Transducer to Atmospheric Pressure

atmospheric
pressure

“Zeroing” the Pressure Transducer to Atmospheric Pressure



IMPORTANT NOTE!!

- The section of tubing located between the drip chamber and the transducer, must be completely filled with fluid from end to end
- This section of tubing is high- lighted in red in this photo
- If the tubing is not completely filled with fluid, you will not accurately “zero” the transducer to atmospheric pressure

“Zeroing” the Pressure Transducer to Atmospheric Pressure



- Once the pressure transducer has been “zeroed”, the drip chamber needs to be raised back to the prescribed setting.



- Also adjust the main-system stopcock so it is turned “off” to the transducer, thus allowing fluid flow from the patient into

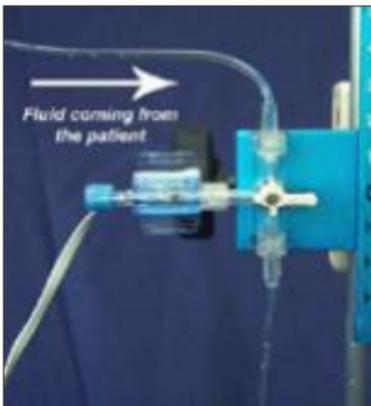
“Zeroing” the Pressure Transducer to Atmospheric Pressure

the drip chamber.

Main System Stopcock Positions



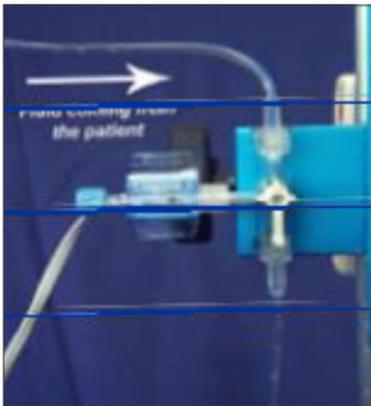
- 12 o'clock position – off to patient – safe position for patient transfer



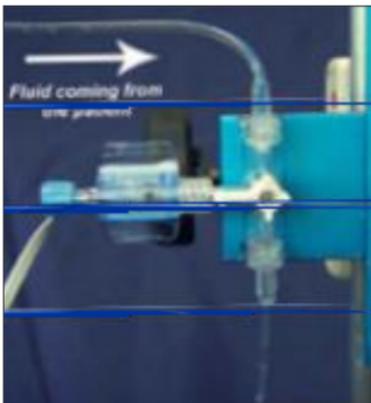
- 3 o'clock position – open to drainage and obtaining ICP reading

Refer to product package insert for instructions, warnings, precautions and complications.

Main System Stopcock Positions



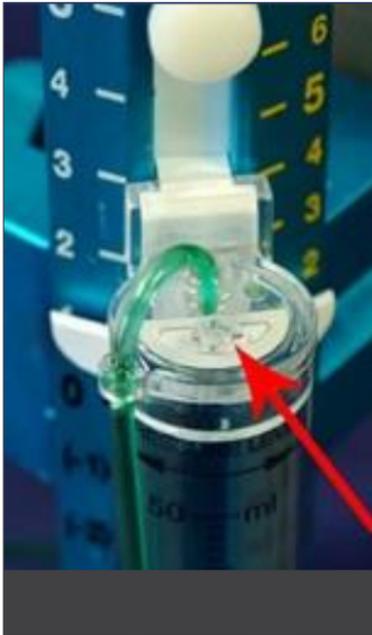
- 6 o'clock position – off to drip chamber and obtaining an ICP reading



- 9 o'clock position – off to transducer – patient will drain into drip chamber

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Exacta™ System Hydrophobic Filter



- The Exacta Drainage System is designed with a hydrophobic filter/vent that will not get wet. As a result the filter will not clog if it comes in contact with fluid when the system is laid in a horizontal position

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For more information, contact your Medtronic NT
sales representative or refer to www.MedtronicNT.com.

Medtronic Neurologic Technologies

125 Cremona Drive
Goleta, CA 93117-5500

USA

(800) 468-9710 USA/Canada

(901) 344-0645 International

(800) 468-9713 FAX

(901) 396-2698 FAX International



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