

External CSF Drainage

FREE
FLOW



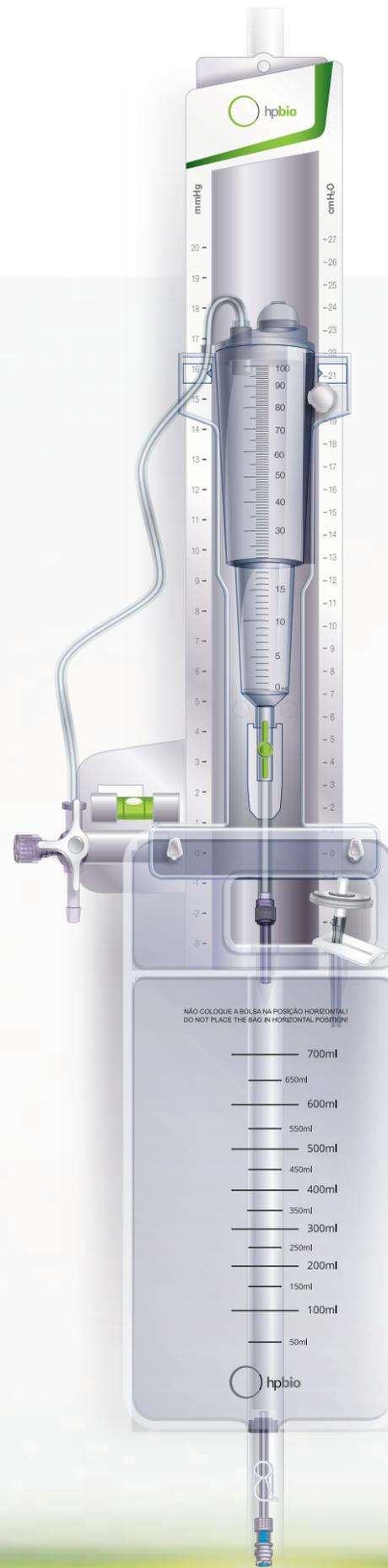
EVD / ELD

FREE FLOW

The External CSF Drainage is indicated to reduce and temporarily control the intracranial pressure by draining the accumulated CSF to an external collecting bag.

The system brings together all the necessary components for a safe and efficient drainage.

The mobile burette allows better precision in pressure control and measurement of drained volume.



Highlights

- Rear attachment**
A type "C" rear attachment with fixing screw for the IV pole ensures total stability and safety to the EVD system
- Level marker**
Together with the laser point, allows to precisely level the "zero point" to the patient's ear canal
- Laser point attachment**
Allows the insertion of a class II laser point pen (not included in the product packaging) to perfectly level the "zero point" of the graduated scale with the line of the patient's ear canal

Burette filter quick clearing dome

The clogging of the filter by wetting may occur when the system is temporarily positioned horizontally or when the burette is completely filled, beyond its capacity.

The wetting of the filter may interrupt the entry of air through the burette's vent, compromising the flow of the drained liquor into the collection bag.

With this innovative system, simply press the quick-release dome to immediately unblock the filter and resume drainage.



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System



Catheters

Lumbar Catheter

Made of flexible silicone with a multi-perforated tip and depth marking every 5 cm. Introduction by Tuohy needle, with marking every 1 cm

Ventricular Catheters

Made of transparente silicone with radiopaque filet, with 01 cm marking, and with oblong orifices preventing obstruction

Neonatal

⊕ 2,2 x 1,1 mm
6,6 x 3,3 Fr

Infantile

⊕ 2,5 x 1,4 mm
7,5 x 4,2 Fr

Adult

⊕ 3,0 x 1,6 mm
9,0 x 4,8 Fr

Lumbar

⊕ 1,6 x 0,76 mm
4,8 x 2,28 Fr

Hemorrhagic

⊕ 3,7 x 2,1 mm
11,1 x 6,3 Fr

Hemorrhagic Cases Catheter

In transparent silicone with radiopaque filet. The internal diameter of 2,1 mm / 6,3 Fr provides 72% gain in the drainage lumen (when compared to the Adult model), making the catheter special for drainage of cerebrospinal fluid with hemorrhagic content

Models / Catheter Dimensions

| Code | Application | Total Length | External Diameter | Internal Diameter |
|--------------------|----------------------------|------------------|--------------------------------------|------------------------------------|
| DVEAF25 DVEAF35 | Ventricular Adult | 250 mm 350 mm | 3,0 mm / 9,0 Fr 3,0 mm / 9,0 Fr | 1,6 mm / 4,8 Fr 1,6 mm / 4,8 Fr |
| DVEIF22 DVEIF35 | Ventricular Infantil | 220 mm 350 mm | 2,5 mm / 7,5 Fr 2,5 mm / 7,5 Fr | 1,4 mm / 4,2 Fr 1,4 mm / 4,2 Fr |
| DVENF22 | Ventricular Neonatal | 220 mm | 2,2 mm / 6,6 Fr | 1,1 mm / 3,3 Fr |
| DVEHF25 DVEHF35 | Ventricular Hemorrhagic | 250 mm 350 mm | 3,7 mm / 11,1 Fr 3,7 mm / 11,1 Fr | 2,1 mm / 6,3 Fr 2,1 mm / 6,3 Fr |
| DLEFF | Lumbar | 400 mm | 1,6 mm / 4,8 Fr | 0,76 mm / 2,28 Fr |



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The technical information for these products is not limited to the characteristics presented in this catalog. For complete information, request the Instructions for Use at info@hpbio.com.br