



Bellovac®
Exudrain®
Abdovac®

A COMPLETE RANGE OF
WOUND DRAINS THAT MEETS
ALL YOUR DIFFERENT NEEDS

WE WORK FOR BETTER HEALTHCARE

At Mediplast we are in daily contact with dedicated healthcare personnel who do their utmost to deliver better and safer care. These days there is an increasing requirement to work with more patients in less time and with fewer resources.

Through a high level of accumulated expertise and years of experience, we can provide products, knowledge and advice that really make a difference, always with the ultimate aim of providing patients with the best possible care.

Mediplast is by your side, always ready to deliver knowledge and innovative solutions with the aim of improving healthcare.

A close and reliable partner for healthcare professionals

Mediplast is a Swedish supplier of medical technology products with more than 60 years presence and with products which are distributed world-wide. Our proprietary product range consists of our own high-quality products, developed in close collaboration with our healthcare partners.

Mediplast has an extensive, high quality product range, including therapy areas such as Surgery, ENT, Wound Care, ICU, Respiratory care, Orthopedics, Urology and Ostomy.

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References

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2. Morgan-Jones RL, Perko MMJ, Cross M. The Knee 2000;7:149-50.
3. Giordano G, Abib A. Presented as a poster at Chirurgie de la Hanche – Hip Surgery Developments & Future prospects, Sep 1999.
4. Van Heurn LWE, Brink PRG. Br J Surg 1995;82:931-2.
5. Gerngoss H, Marquardt K. Chirurg 1992;63:447-53.
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7. Zerbe M, Mc Ardie A, Goldrick B. Am J Infect Control 1996;24(5):346-52.

Very handy drainage

Easy to use

The Medioplast negative pressure drains are very easy to use. They require no expensive equipment or specially trained staff. Non return valves in both the inlet and outlet of the bellows and bulbs minimise handling problems and consequently saves nursing time. They are delivered as complete and sterile sets.

The complete range that meets different needs

The Medioplast range of drains is adapted for the needs of different surgical procedures, optimising the potential for smooth and fast healing.

Each set has its own qualities, so that within our range you will always be able to find a drain that meets your demands for volume capacity and suction power.



Our drains are safe and easy to use and simple to understand.

Very friendly drainage

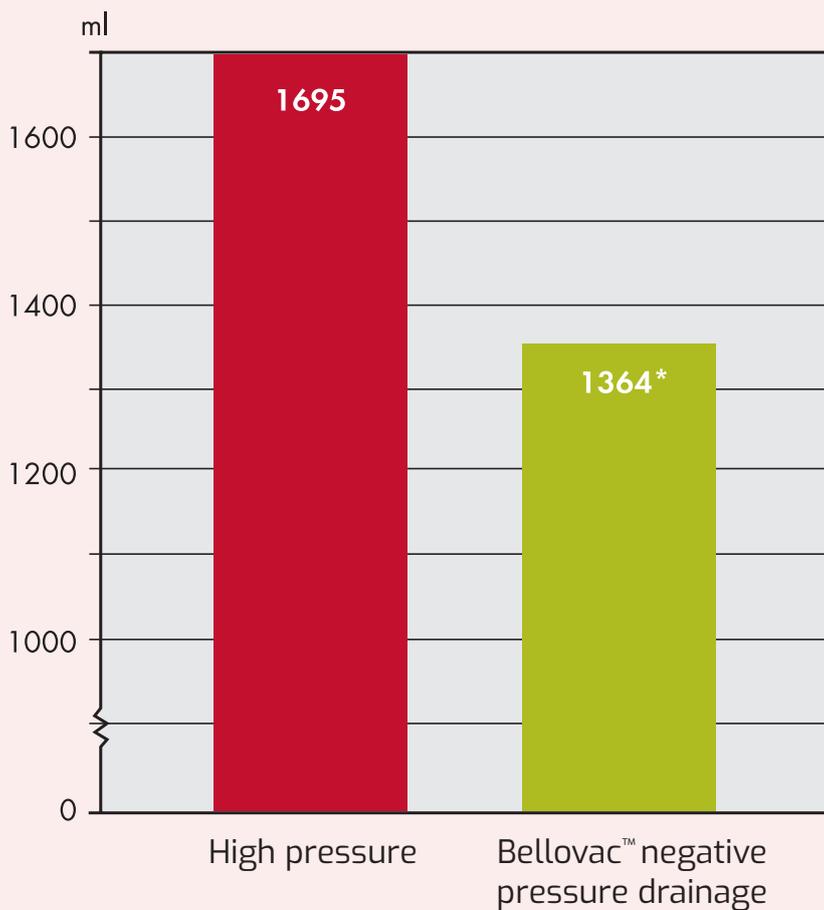
The low pressure choice

There are no longer any reasons not to choose Medioplast negative pressure drains. There are, in fact, many advantages by using negative pressure drains and our products in particular.

- Efficient suction¹
- Less blood loss²

- Better drainage collection³
- Earlier removal of drain⁴
- Less tissue aspiration⁵

If too high pressure is applied, tissue and small vessels can be aspirated into the drain causing excessive blood loss as well as increased patient discomfort. With Medioplast negative pressure drains you get efficient drainage but fewer problems.⁶

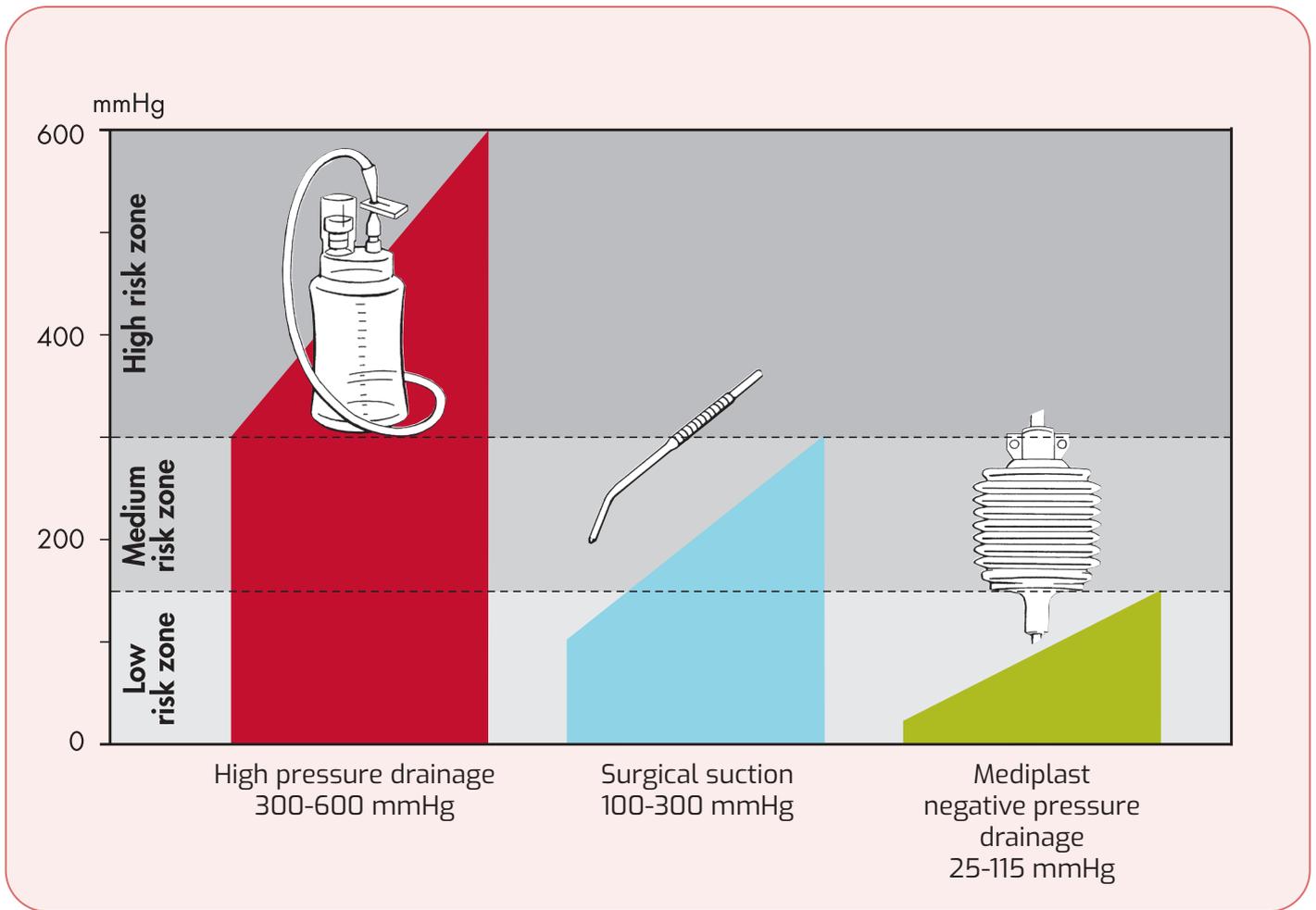


Blood volume

n=122
*p<0,0062

Less blood loss with low pressure drainage

Less blood loss with Bellovac.²



High pressure, as in pre-evacuated bottles, may easily cause tissue grab. Compare this with surgical suction, where great care is taken to avoid aspiration of tissue.

Beneficial for patients and staff

Mediplast drains are completely closed systems that minimise the risk of post-operative infection and prolonged hospital stay.

- All drained fluid remains safely enclosed within the system
- Non return valves in bellows/bulbs and collection bags

- Secure connections throughout the system
- Minimal risk of contamination of patient or staff⁷
- Better patient care – better nursing care⁷

You can easily imagine what these benefits mean to the patient: First of all less pain, secondly faster wound healing and thirdly less time in hospital. A very friendly solution, isn't it?

Bellovac®

Large Volume Drainage

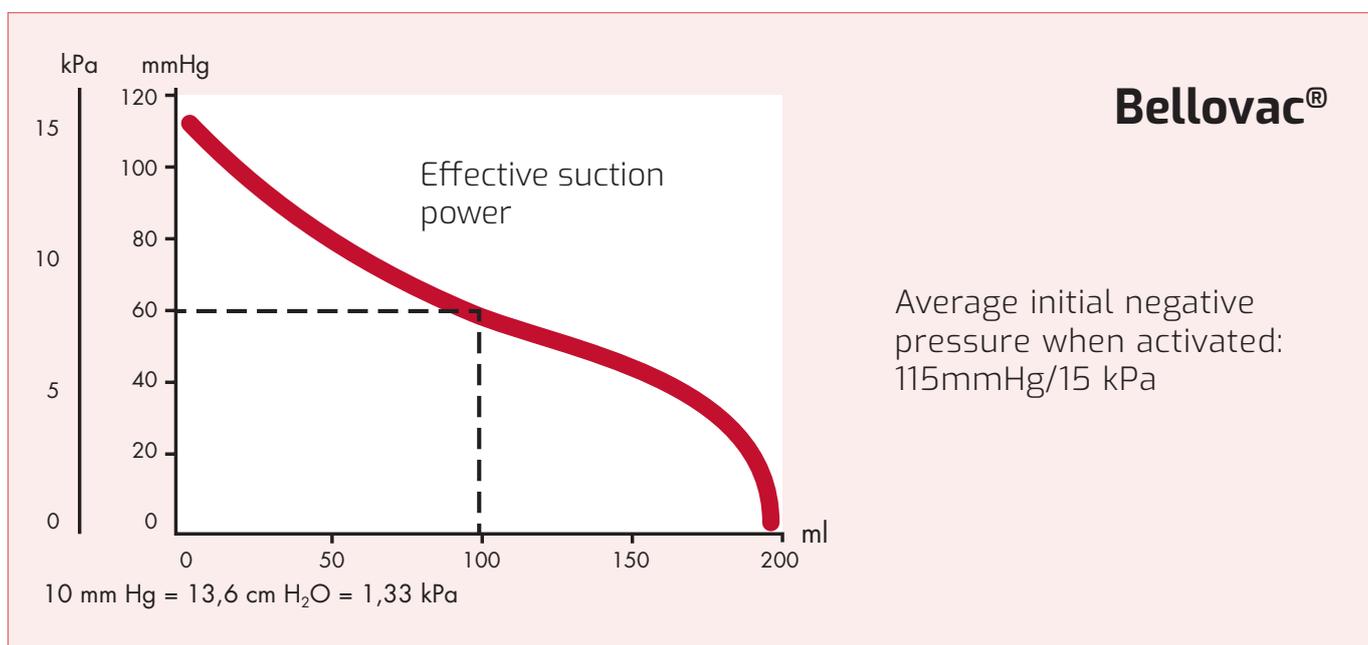
Pressure:

Average initial negative pressure when activated:
115 mmHg/15 kPa.

Volume bellows: 220 ml.
Volume bag: 700 ml.

Surgical Procedures:

Orthopaedics, Gynaecology,
General Surgery.



Ref No	Description	Ref No	Description
68390	2x15 Bellovac® Set FG 10 without trocar	68393	2x15 Bellovac® Set FG 10 with trocar
68391	2x15 Bellovac® Set FG 14 without trocar	68394	2x15 Bellovac® Set FG 14 with trocar
68392	2x15 Bellovac® Set FG 18 without trocar	68395	2x15 Bellovac® Set FG 18 with trocar

Exudrain®

Medium Volume Drainage

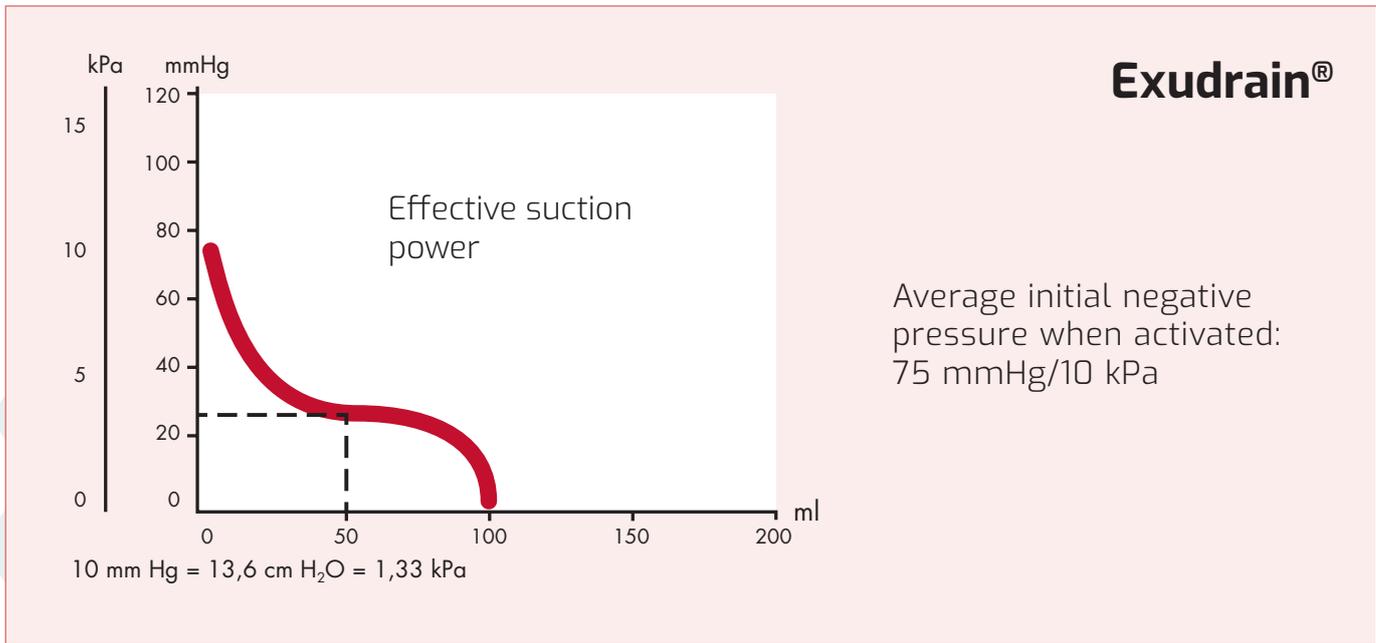
Pressure:

Average initial negative pressure when activated:
75 mmHg/10 kPa

Volume bellows: 110 ml.
Volume bag: 700 ml.

Surgical Procedures:

General Surgery, Breast Surgery,
e.g. mastectomies, Wound drain in situ.



Ref No	Description
68406 3x10	Exudrain® Set FG 10 without trocar
68407 3x10	Exudrain® Set FG 14 without trocar
68408 3x10	Exudrain® Set FG 18 without trocar

Ref No	Description
68409 3x10	Exudrain® Set FG 10 with trocar
68410 3x10	Exudrain® Set FG 14 with trocar
68411 3x10	Exudrain® Set FG 18 with trocar

Exudrain® Mini

Small Volume Drainage

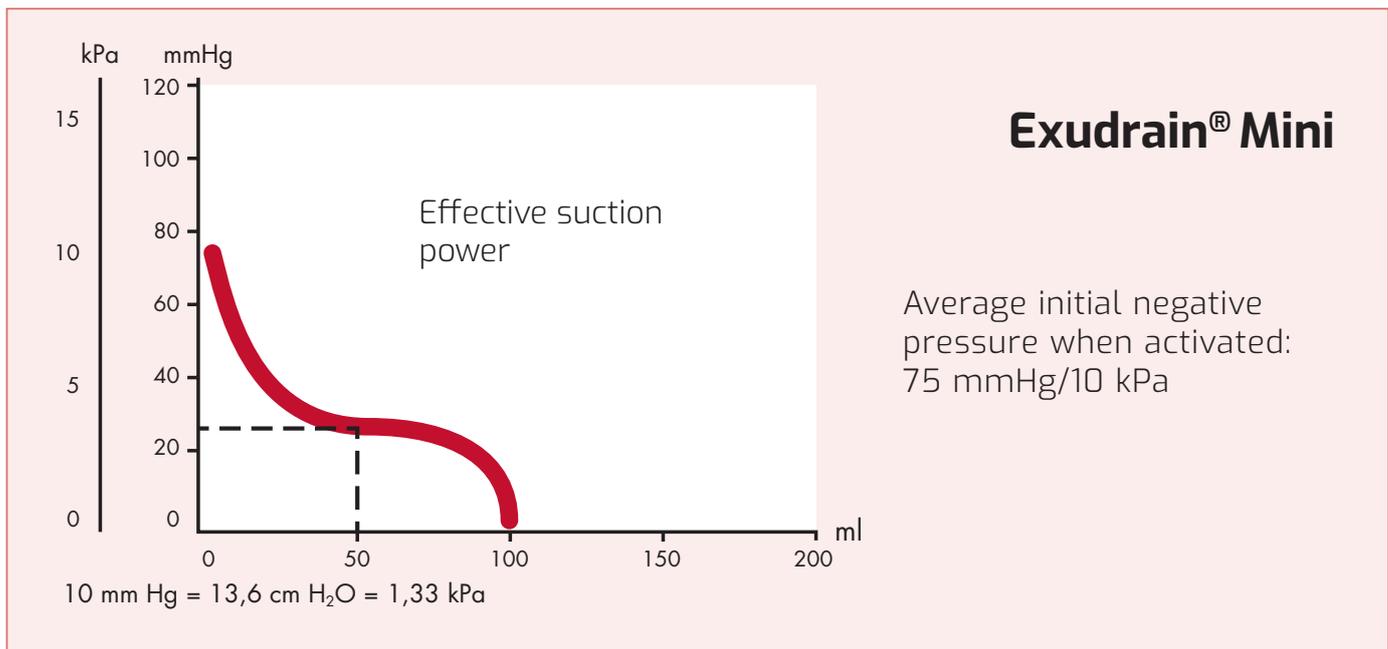
Pressure:

Average initial negative pressure when activated:
75 mmHg/10 kPa

Volume bulbs: 110 ml.

Surgical Procedures:

Hand Surgery, Biopsies, Day Surgery.



Ref No	Description
68412 3x10	Exudrain® Mini Set FG 8 without trocar
68419 3x10	Exudrain® Mini Set FG 8 with trocar

Exudrain® Passive

Medium Volume Drainage

Pressure:

A Passiv gravity drainage has a negative pressure between negative 20 to negative 40 mm/hg.

Volume bellows: 110 ml.

Volume bag: 700 ml.

Surgical Procedures:

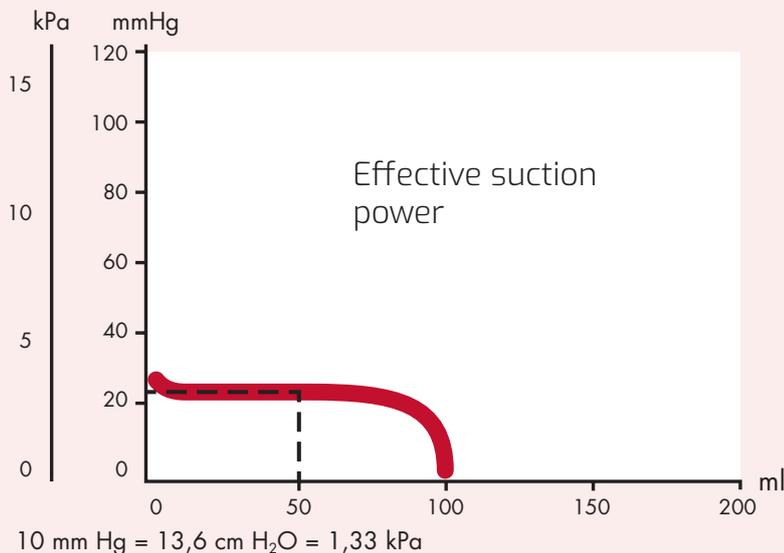
General Surgery, Breast Surgery, e.g. mastectomies, Wound drain in situ.

Without non-return valve for quick discard of smaller amounts.



Exudrain® Passive

A Passiv gravity drainage has a negative pressure between negative 20 to negative 40 mm/hg.



Ref No	Description
68428 3x10	Exudrain® Passive FG 10 without trocar
68425 3x10	Exudrain® Passive FG 14 without trocar

Abdovac®

Gentle Suction Drainage

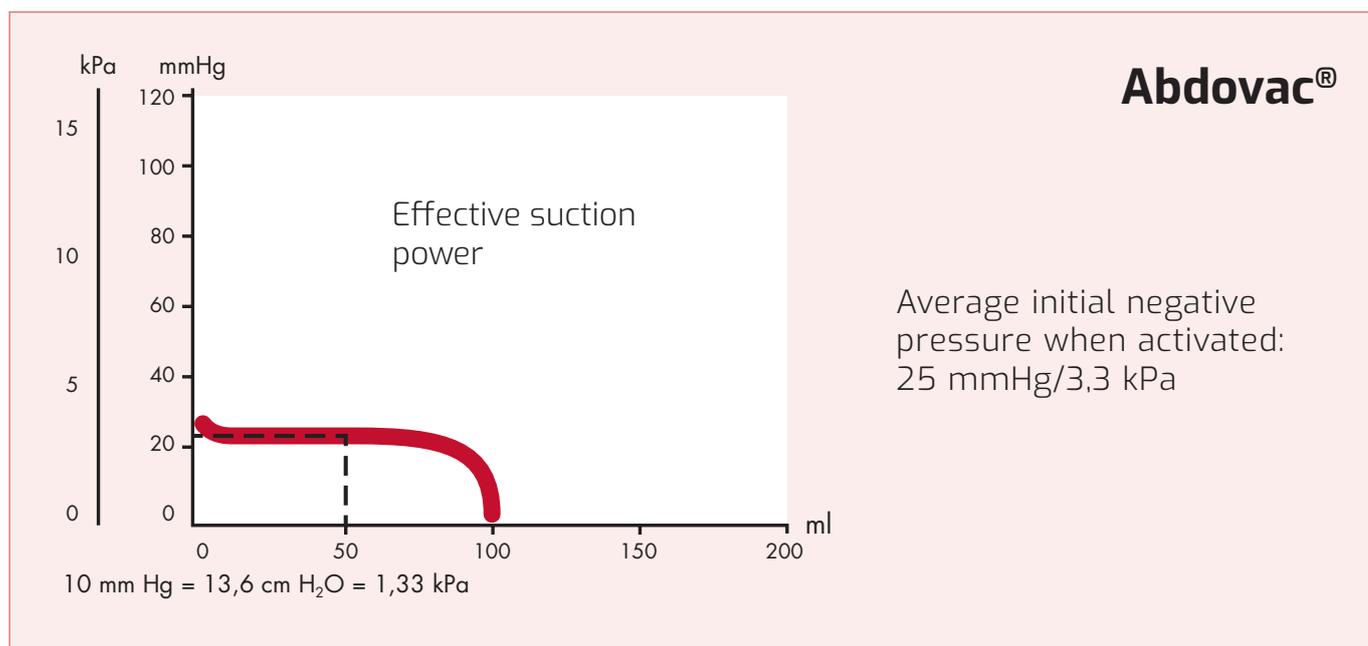
Pressure:

Average initial negative pressure when activated:
25 mmHg/3,3 kPa.

Volume bellows: 110 ml.
Volume bag: 700 ml.

Surgical Procedures:

Abdominal Surgery, Neuro surgery.



Ref No	Description
68413 3x10	Abdovac® Set FG 10 without trocar
68414 3x10	Abdovac® Set FG 14 without trocar
68415 3x10	Abdovac® Set FG 18 without trocar

Ref No	Description
68416 3x10	Abdovac® Set FG 10 with trocar
68417 3x10	Abdovac® Set FG 14 with trocar
68418 3x10	Abdovac® Set FG 18 with trocar

Accessories

Exchange Bags

Ref No

68337 12x50
68480 4x25

Description

Exchange Bag, fits all drains
Sterile Exchange Bag



Y-connectors

Ref No

68376 4x25
68377 4x25
68378 4x25
68385 4x25

68386 4x25
68387 4x25

Description

Y-connector with FG 10 catheter
Y-connector with FG 14 catheter
Y-connector with FG 18 catheter
Y-connector with FG 10 catheter and trocar

Y-connector with FG 14 catheter and trocar
Y-connector with FG 18 catheter and trocar



Silicone Drains

Ref No

68367 4x15
68368 4x15
68369 4x15
68361 4x15
68362 4x15

Description

Round drain FG 10 with trocar
Round drain FG 14 with trocar
Round drain FG 18 with trocar
Flat drain FG 14, 7 mm with trocar
Flat drain FG 14, 10 mm with trocar



Fluted Drains

Ref No

68460 4x15
68461 4x15
68462 4x15
68463 4x15
68464 4x15

Description

Round fluted drain FG 10 with trocar
Round fluted drain FG 14 with trocar
Round fluted drain FG 18 with trocar
Flat fluted drain FG 14, 7 mm with trocar
Flat fluted drain FG 14, 10 mm with trocar

Quality and safety

Medioplast offers quality products in the area of wound drainage. This applies not only to our products but also to the service offered around them, such as delivery security, support and product information to be able to handle our drainage in a safe and good way.

All drainage systems are completely closed to minimize risks to staff

and patients. Check valves in both inlet and outlet on the bellows / ball minimize the risk of possible reflux or retrograde contamination and minimize handling time by the staff. The clamps that are mounted on the drainage hoses are used primarily when pulling the catheter but also when changing the bag and activating it. The drainage is delivered in complete sterile sets.

Environment

Medioplast has always prioritized environmental and health issues in order to be able to offer environmentally friendly products with the best function. An ambition in the EU's environmental directive is that plasticizers in the form of phthalates should be phased out in all products

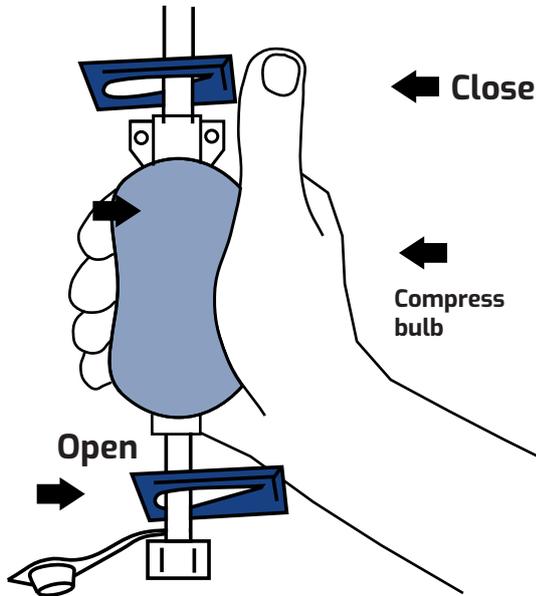
used inside the body. These will be replaced with plasticizers that meet today's environmental and health requirements. Medioplast has therefore chosen to remove phthalates in all drainage and today uses TEHTM as a plasticizer.

Material specification

Component	Material	Component	Material
Bellow Bellovac	LDPE	Trocar needle	Stainless steel
Ball Exudrain, Abdovac	PUR	Drainage catheter	PVC*
Hose	PVC*	Suspension device	PE
Inlet	MMBS	Check valve	Silicone
Outlet	MMBS & TPU	Exchange bag	EVA based TPO
Screw connector outlet	PP	Packaging	LDPE Paper, PA/PE
Clamp	HDPE		
Connector (between drainage and inlet hose)	MMBS	outer bag	
		Transport carton	Cardboard

All components are latex-free. *PVC with phthalate-free plasticizer TEHTM.

GETTING STARTED IN THEATRE



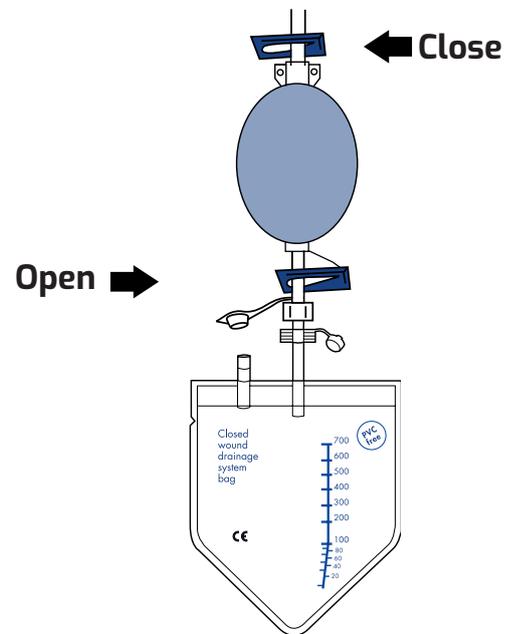
1. Close the inlet clamp. Create vacuum in the bulb by ensuring the outlet clamp is open and squeeze the bulb. (Bulb will not expand when released due to the one-way outlet valve).
2. Screw the drainage bag to the base of the bulb. NOTE: The bag needs to be tightened correctly in its threads to avoid leakage and not to fall off.
3. Connect the pre-vacuumed drain to the drainage catheter.
4. Open the inlet clamp to start wound drainage.



Check that the inlet tubing is not kinked or bent – this can prevent the drain from working properly.

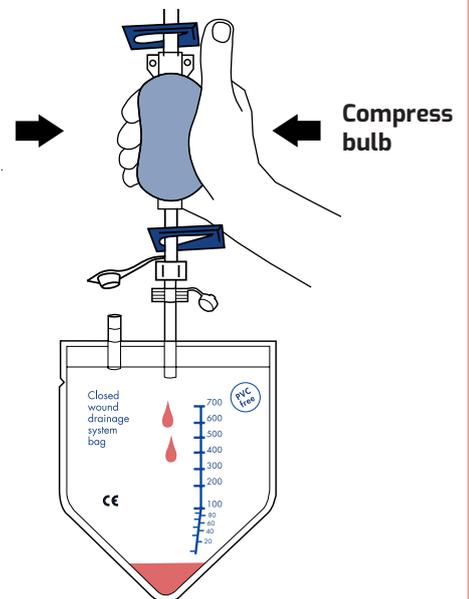
EMPTYING THE BULB

Step 1:



Step 2:

Close the inlet clamp. (Ensure outlet clamp is open).

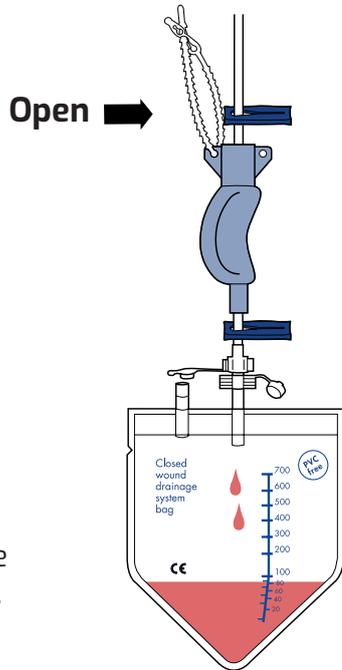


Compress the bulb fully.



This can be done slowly and in stages. The bulb will not re-expand due to the one-way outlet valve.

Step 3:



Re-open the inlet clamp.

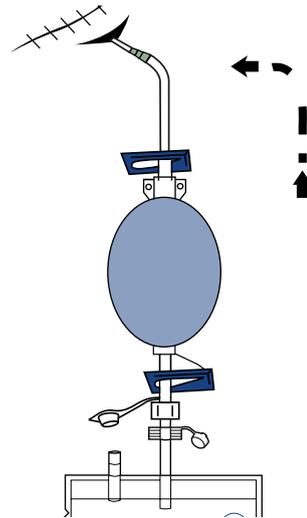


Due to the addition of a 3rd one-way valve, outlet clamp is to remain open during wound drainage.



Closing of the outlet clamp is required prior to bag change to prevent spillage.

REMOVING THE COLLECTION/DRAINAGE SYSTEM



Slide clamp p to a point just below the connection and close off.

1. Undertake removal under aseptic conditions and with adherence to hospital protocol.
2. Slide the inlet clamp up the tubing above the bulb to a point just below the connection to the catheter and close it off.
3. Leave the drain clamped off for a minimum of 30 minutes to allow the vacuum within the wound to dissipate.
4. Remove any securing sutures or dressings.
5. Support the wound area surrounding the catheter and slowly pull the catheter out of the wound with a slight rotating motion.



If the catheter is difficult to remove, do not force it. Please inform the surgeon.

Bellovac[®]

Exudrain[®]

Abdovac[®]

Wound drains



Medioplast offer comprehensive assistance and education together with our products. We pride ourselves in offering premium quality products which are thoroughly tested and easy to use. Do not hesitate to contact us for any matter regarding wound drainage systems. We will be delighted to assist you.

OUR WOUND DRAINS

