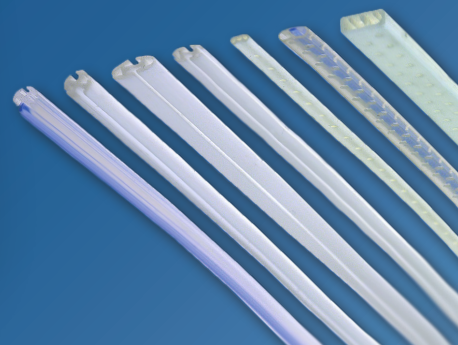
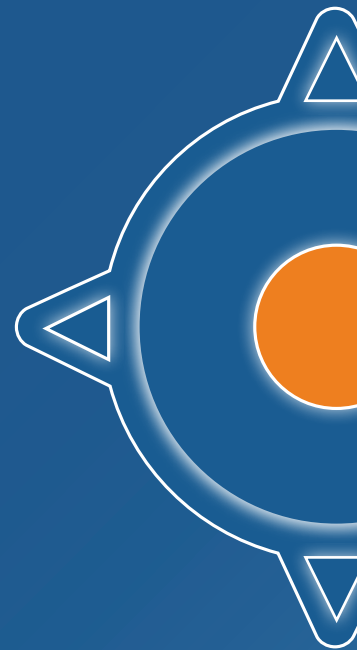


BIOVAC™

Closed Wound Drainage Systems



BIOVAC™

100cc SILICONE EVACUATOR



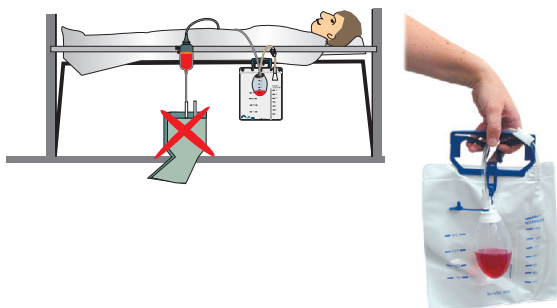
Wound drainage plays a vital role in the process of post-surgical wound healing. Biometrix offers evacuators and drains designed to enhance drainage performance and facilitate wound healing and infection reduction. Biovac™ – Biometrix's complete closed wound drainage systems – consist of closed, flat, and fluted drain systems, suitable for the various types of surgical procedures.

Biometrix's Biovac 100cc evacuator is a closed drainage system, intended for procedures of a smaller capacity such as hand surgery, plastic surgery, neurosurgery and minimal post-surgical bleeding procedures.

- Portable and ergonomic; simple and easy to carry, or hang on bed.
- Non-reflux return valve for eliminating the risk of blood secretion reflux.

PORTABLE AND ERGONOMIC

Easy to hang and carry

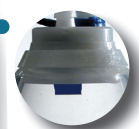


CLOSED SYSTEM ADVANTAGES:

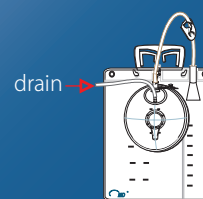
- Complies with OSHA (occupational safety and health administration) regulations and CDC (center for disease control) guidelines.
- Designed to protect blood born pathogens, especially in post-operative management of surgical drainage systems.



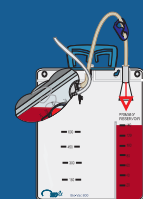
A Non Reflux Return Valve Eliminates the risk of blood/secretion reflux



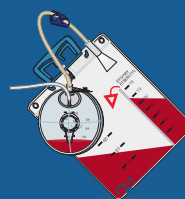
THE CLOSED SYSTEM CONCEPT



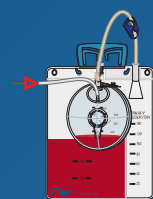
Stage I



Stage II



Stage III



Stage IV

- Applicable also for the 100cc Silicone Evacuator.
- 800cc bag contains primary reservoir of 140cc for better fluid measurement.

BIOVAC™

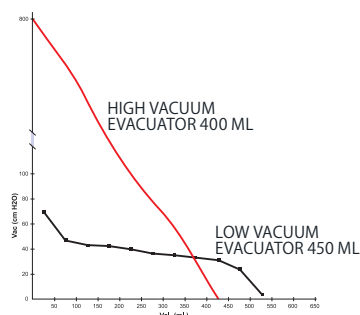
450cc SPRING-TYPE EVACUATOR



Biometrix's 450cc evacuator is a flat drainage system intended for procedures of larger capacity such as femoral fracture, hip joints, knee joints, extremity amputations, colon/rectum surgery, spine surgery, prostatectomy, mastectomy, and all other high bleeding procedures.

- Low constant suction level reduces tissue damage and prevents accumulation of excess fluid, thus facilitating wound healing
- Non-return valve for eliminating the risk of blood/secretion reflux
- Enables parallel drainage from two different sites of the wound

LOW CONSTANT SUCTION LEVEL



DRAINS

ROUND DRAINS

10-18Fr Silicone/PVC Drains

FLAT DRAINS

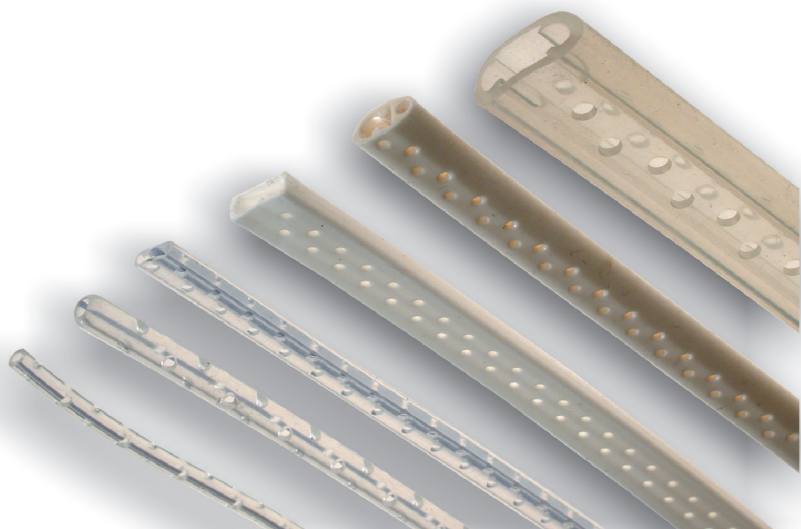
4, 7, 10mm Silicone Drains

MULTI-LUMEN DRAINS

Silicone irrigation - drainage drains

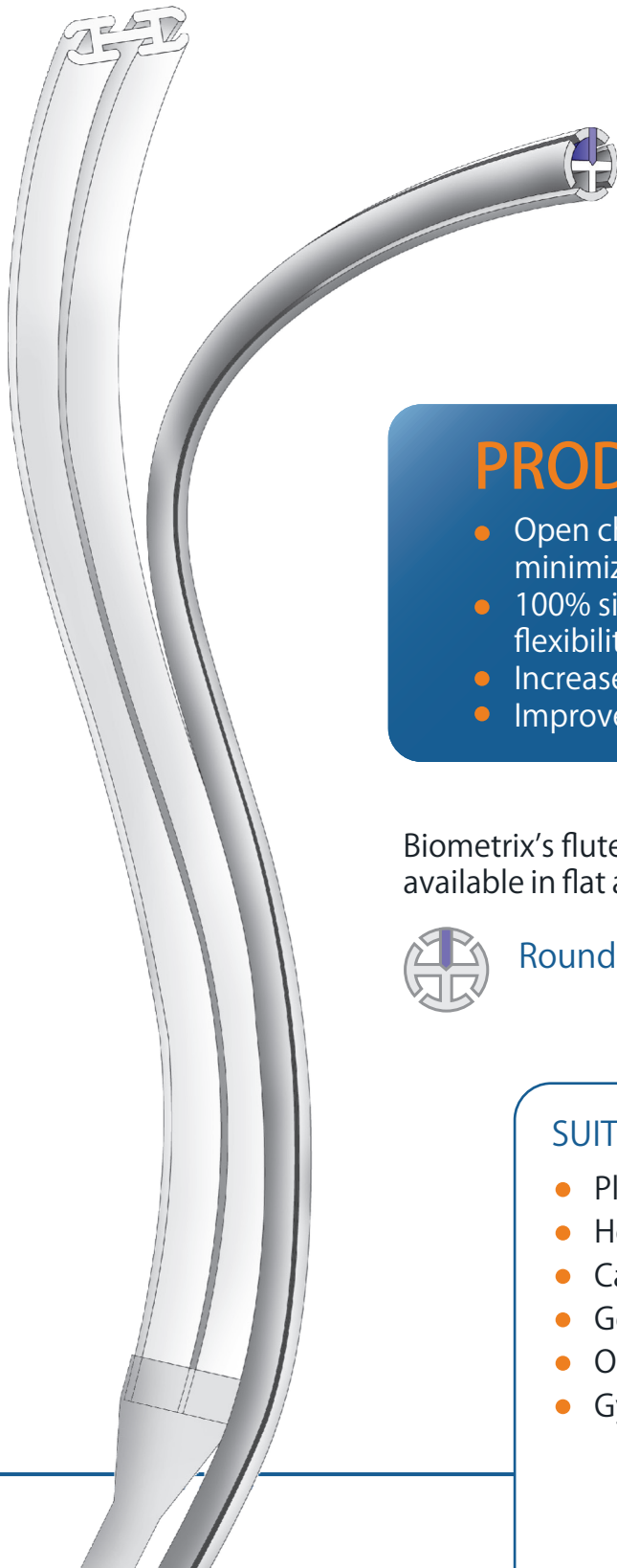
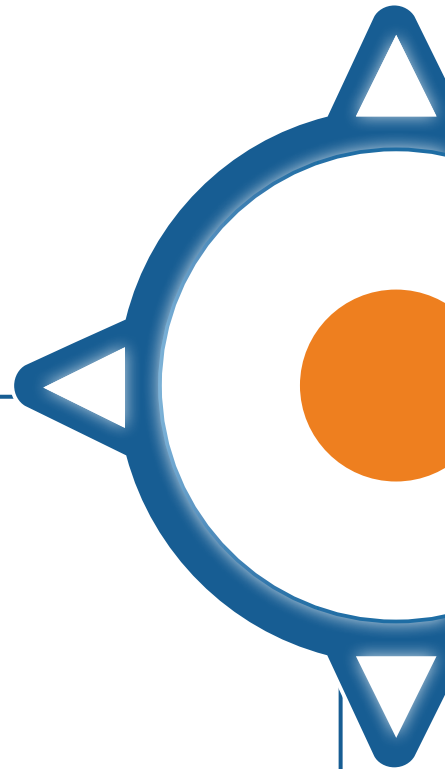
FLAT DRAIN ADVANTAGES

- Subcutaneous position prevents sliding out and reduces trauma of drain removal
- Cross section is designed to prevent drain occlusion



BIOVAC™

FLUTED SILICONE DRAINS



PRODUCT BENEFITS

- Open channels for increasing flow rate and minimizing blood clotting.
- 100% silicone drain provides tensile strength and flexibility
- Increased comfort for the patient.
- Improved contact with affected tissues.

Biometrix's fluted drain system
available in flat and round profiles:



Round Profile



Flat Profile

SUITABLE FOR

- Plastic Surgery
- Head & Neck Surgery
- Cardio & Thoracic Surgery
- General Surgery
- Orthopedic Surgery
- Gynecology

Ordering Information

100ml Bulb Systems

Sets without Drains

Code	Bag	Qty/Box
MD-0000	+	25
MF-0000	-	20

Sets with Round Silicone Drains

Code	Bag	Drain	Trocar
MD-2100	+	10Fr	-
MF-2100	-	10Fr	-
MD-2105	+	10Fr	+
MF-2105	-	10Fr	+
MD-2140	+	14Fr	-
MF-2140	-	14Fr	-
MD-2145	+	14Fr	+
MF-2145	-	14Fr	+
MD-2180	+	18Fr	-
MF-2180	-	18Fr	-
MD-2185	+	18Fr	+
MF-2185	-	18Fr	+

Qty/Box: MF-XXXX: 20, MD-XXXX: 25

Sets with Round Fluted Drains

Code	Bag	Drain	Trocar
MA-3105	-	10Fr Full Fluted	+
MK-3105	+	10Fr Full Fluted	+
MA-1155	-	15Fr Full Fluted	+
MK-1155	+	15Fr Full Fluted	+
MA-1195	-	19Fr Full Fluted	+
MK-1195	+	19Fr Full Fluted	+

Qty/Box: MA-XXXX: 20, MK-XXXX: 25

Sets with Flat Silicone Drains

Code	Bag	Drain	Trocar
MD-1070	+	7mm	-
MF-1070	-	7mm	-
MD-1075	+	7mm	+
MF-1075	-	7mm	+
MD-1100	+	10mm	-
MF-1100	-	10mm	-
MD-1105	+	10mm	+
MF-1105	-	10mm	+

Qty/Box: MF-XXXX: 20, MD-XXXX: 25

Sets with Flat Fluted Drains

Code	Bag	Drain	Trocar
MA-1075	-	7mm Full Fluted	+
MK-1075	+	7mm Full Fluted	+
MA-1105	-	10mm Full Fluted	+
MK-1105	+	10mm Full Fluted	+

Qty/Box: MA-XXXX: 20, MK-XXXX: 25

40ml Minivac Systems

Code	Drain	Needle
MH-1170	6FrPVC-Round	-
MH-1175	6FrPVC-Round	+
MH-1070	8FrPVC-Round	-
MH-1075	8FrPVC-Round	+

Qty/Box: 50

Fluted Silicone Drains

Round Drains

Code	Description	Drain	Trocar
MW-3100	Round Full Fluted	10Fr	-
MW-3105	Round Full Fluted	10Fr	+
MW-3150	Round Full Fluted	15Fr	-
MW-3155	Round Full Fluted	15Fr	+
MW-3190	Round Full Fluted	19Fr	-
MW-3195	Round Full Fluted	19Fr	+
MW-3240	Round Full Fluted	24Fr	-

Qty/Box: MW-XXX0: 25, MW-XXX5: 20

Flat Drains

Code	Description	Drain	Trocar
MW-1070	Flat Full Fluted	7mm	-
MW-1075	Flat Full Fluted	7mm	+
MW-1100	Flat Full Fluted	10mm	-
MW-1105	Flat Full Fluted	10mm	+

Qty/Box: MW-XXX0: 25, MW-XXX5: 20



Ordering Information

450ml Spring Type Evacuator Systems



Sets with Round Silicone Drains				Sets with Round PVC Drains				Sets without Drains	
Code	Bag	Drain	Trocar	Code	Bag	Drain	Trocar	Code	Bag
MJ-2100	+	10Fr	-	MJ-5105	+	10Fr	+	MJ-0000	+
ML-2100	-	10Fr	-	ML-5105	-	10Fr	+	ML-0000	-
MJ-2105	+	10Fr	+	MJ-5125	+	12Fr	+	Qty/Box: 20	
ML-2105	-	10Fr	+	ML-5125	-	12Fr	+		
MJ-2120	+	12Fr	-	MJ-5145	+	14Fr	+		
ML-2120	-	12Fr	-	ML-5145	-	14Fr	+		
MJ-2125	+	12Fr	+	MJ-5165	+	16Fr	+		
ML-2125	-	12Fr	+	ML-5165	-	16Fr	+		
MJ-2140	+	14Fr	-	MJ-5185	+	18Fr	+		
ML-2140	-	14Fr	-	ML-5185	-	18Fr	+		
MJ-2145	+	14Fr	+	Sets with Flat Silicone Drains					
ML-2145	-	14Fr	+	Code	Bag	Drain	Trocar		
MJ-2160	+	16Fr	-	MJ-1070	+	7mm	-		
ML-2160	-	16Fr	-	ML-1070	-	7mm	-		
MJ-2165	+	16Fr	+	MJ-1075	+	7mm	+		
ML-2165	-	16Fr	+	ML-1075	-	7mm	+		
MJ-2180	+	18Fr	-	MJ-1100	+	10mm	-		
ML-2180	-	18Fr	-	ML-1100	-	10mm	-		
MJ-2185	+	18Fr	+	MJ-1105	+	10mm	+		
ML-2185	-	18Fr	+	ML-1105	-	10mm	+		
Qty/Box: 20				Qty/Box: 20					
Sets with Round Fluted Silicone Drains				Sets with Flat Fluted Silicone Drains					
Code	Bag	Drain	Trocar	Code	Bag	Drain	Trocar		
MI-3105	-	10Fr Full Fluted	+	MI-1075	-	7mm Full Fluted	+		
MM-3105	+	10Fr Full Fluted	+	MM-1075	+	7mm Full Fluted	+		
MI-1155	-	15Fr Full Fluted	+	MI-1105	-	10mm Full Fluted	+		
MM-1155	+	15Fr Full Fluted	+	MM-1105	+	10mm Full Fluted	+		
MI-1195	-	19Fr Full Fluted	+	Qty/Box: 20					
MM-1195	+	19Fr Full Fluted	+						
Qty/Box: 20									

Gravitational Drainage Sets



Code	Drain	Code	Drain
NR-1620	16Fr round drain set	NR-4007	7mm flat drain set
NR-1820	18Fr round drain set	NR-4010	10mm flat drain set
NR-2020	20Fr round drain set	Qty/Box: 25	
NR-2420	24Fr round drain set		
NR-2820	28Fr round drain set		
NR-3220	32Fr round drain set		
NR-3620	36Fr round drain set		
Qty/Box: 25			

Silicone Drains



Round Silicone Drains			Round Silicone Drains with trocar			Flat-type Tissue Drains		
Code	Drain	Length	Code	Drain	Length	Code	Drain	Length
MV-2105	10Fr	60cm	MV-9205	10Fr	60cm	ME-0006	6mm	300mm
MV-2125	12Fr	60cm	MV-9225	12Fr	60cm	ME-0008	8mm	300mm
MV-2145	14Fr	60cm	MV-9245	14Fr	60cm	ME-0010	10mm	300mm
MV-2165	16Fr	60cm	MV-9265	16Fr	60cm	ME-0012	12mm	300mm
MV-2185	18Fr	60cm	MV-9285	18Fr	60cm	ME-0040	40mm	300mm
MV-9400	10Fr	120cm	MV-9405	10Fr	120cm	Flat Silicone Drains		
MV-9420	12Fr	120cm	MV-9425	12Fr	120cm	Code	Drain	Length
MV-9440	14Fr	120cm	MV-9445	14Fr	120cm	MV-1040	4mm	65cm
MV-9460	16Fr	120cm	MV-9465	16Fr	120cm	MV-1070	7mm	125cm
MV-9480	18Fr	120cm	MV-9485	18Fr	120cm	MV-1100	10mm	102cm
Qty/Box: 50			Qty/Box: 50			Qty/Box: 50		