

MEDPOR[®]

Plastic surgery



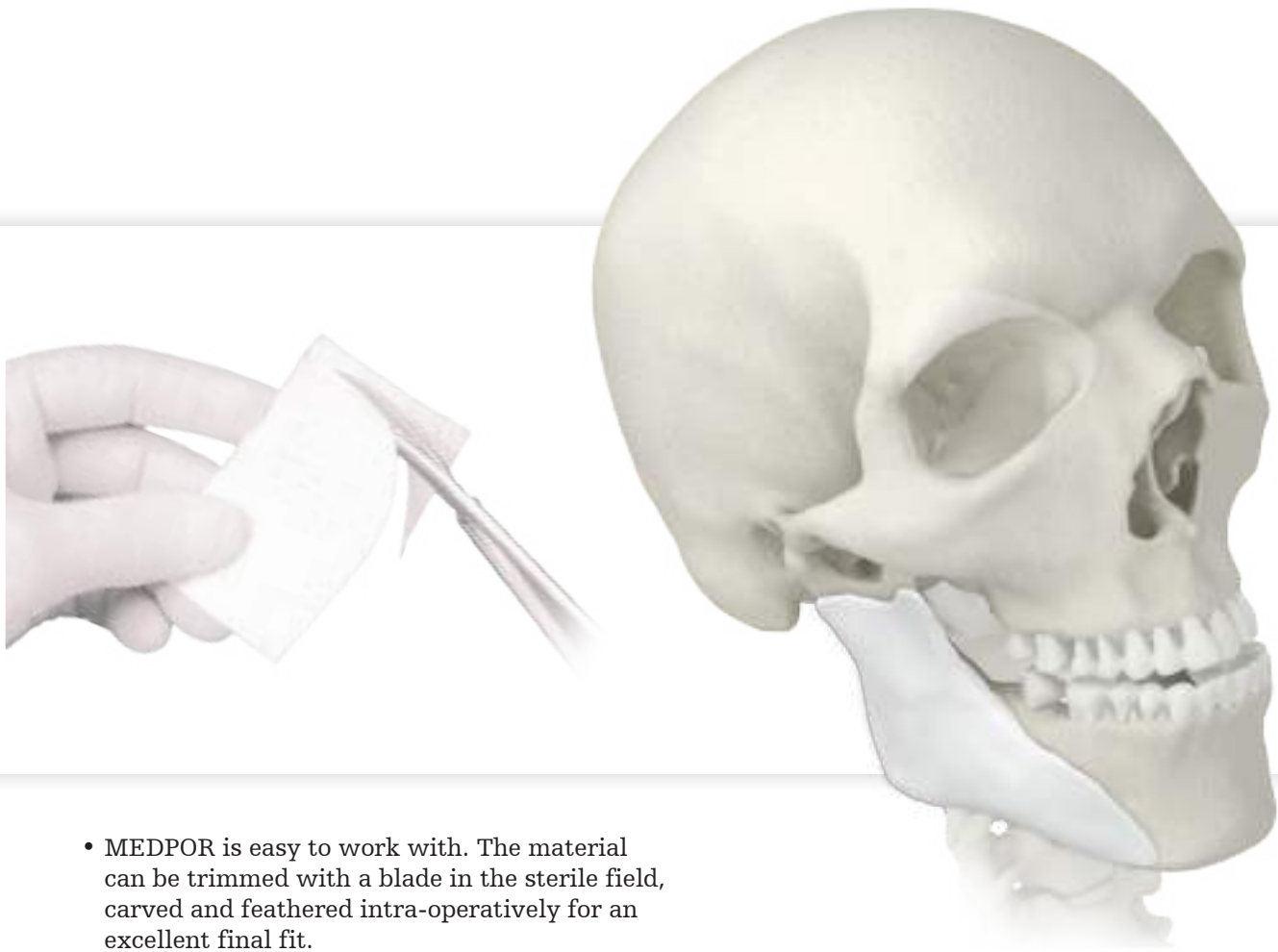
MEDPOR[®] biomaterial



MEDPOR has been a trusted name in the industry since 1985, with hundreds of thousands of procedures performed, and hundreds of published clinical reports in reconstructive, cranial, oculoplastic, and cosmetic applications.

Our MEDPOR product line provides you an array of porous polyethylene solutions for your reconstruction and augmentation needs. We understand that biocompatibility characteristics of implants are paramount to help surgeons achieve positive patient outcomes. The omni-directional pore structure of our polyethylene implants may increase implant acceptance by allowing the patient's native tissue to integrate with the implant. In addition to our comprehensive line of stock MEDPOR implants.

30+
years of proven
clinical history



- MEDPOR is easy to work with. The material can be trimmed with a blade in the sterile field, carved and feathered intra-operatively for an excellent final fit.
- No pre-placing of fixation plates. MEDPOR can be easily drilled and fixated and is designed to accept screws and plates without cracking, giving the surgeon more flexibility in fixation options and placement.
- MEDPOR surgical implants can be cut with a variety of surgical instruments. Implants may require fitting to the defect area at the time of surgery. The implant edges can be delicately shaped and feathered for a smooth transition from the implant to the patient's own bony contour.
- MEDPOR surgical implants are provided sterile and should not be resterilized.
- Do not place or carve the implant on surgical drapes, surgical clothing or any other surface that may contaminate the implant with lint and other particulate matter.

MEDPOR TITAN[®]

Combines high-density polyethylene and titanium mesh in a single implant for increased flexibility, shape retention, radiographic visualization and strength¹.

Configurations

MTM

Titanium mesh embedded within porous, high-density polyethylene.

MTB

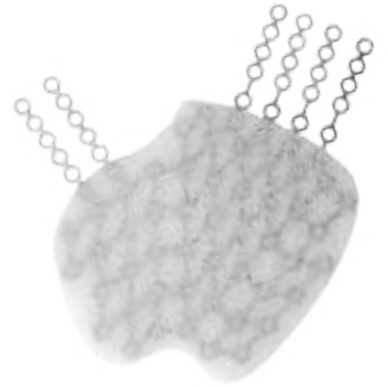
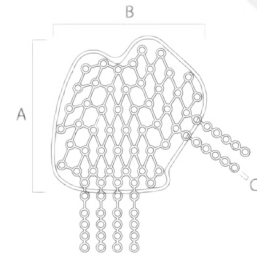
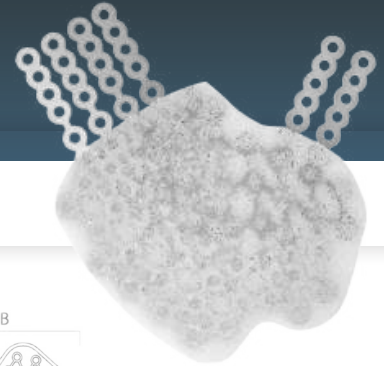
Titanium mesh embedded within a porous polyethylene matrix with a solid, barrier surface on one side, potentially allowing for fibrovascular ingrowth only on the porous side of the implant.

BTB

Titanium mesh embedded within solid, non-porous high-density polyethylene. The smooth barrier surface can prevent fibrovascular ingrowth.

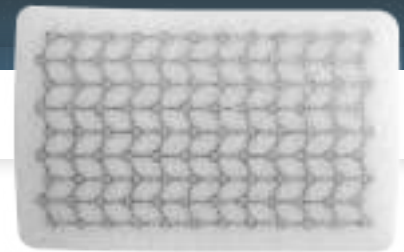
TITAN Orbital Floor and Wall (OFW)

US Patent 7,655,047

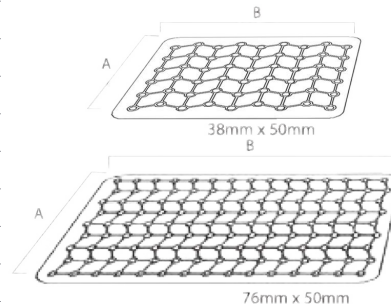


CAT#	Description	A (mm)	B (mm)	C (mm)	Thickness
81030	MTM	42	41	0.5	0.85
81031	MTB - Left	42	41	0.5	1.0
81032	MTB - Right	42	41	0.5	1.0
81033	BTB	42	41	0.5	0.6

TITAN implants

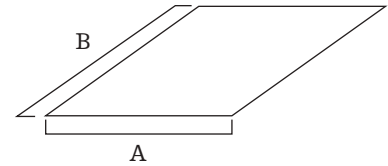
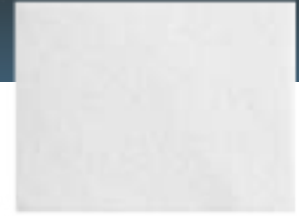


CAT#	Description	A (mm)	B (mm)	Thickness
81020	MTM	50	76	0.85
81021	MTM	38	50	0.85
81022	MTM	38	50	1.50
81023	MTM	50	76	1.50
81024	BTB	38	50	0.60
81025	BTB	50	76	0.60
81026	MTB	38	50	1.00
81027	MTB	50	76	1.00
81028	MTB	38	50	1.60
81029	MTB	50	76	1.60



Sheets

MEDPOR biomaterial sheets provide the surgeon with options for craniofacial reconstruction and augmentation.



1.50mm



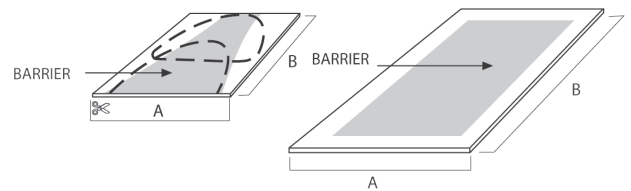
3.00mm



Thickness

6330	Sheet	38	50	1.50
6331	Sheet	50	76	1.50
8662	Sheet	76	127	1.50
9562	Sheet	38	50	3.00

BARRIER sheets



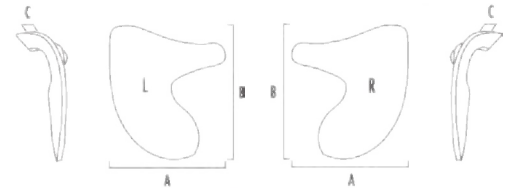
CAT#	Description	A (mm)	B (mm)	Thickness
8305	Orbital floor implant	38	50	1.00
9305	Orbital floor implant	38	50	1.60
8312	Rectangle	50	76	1.00
9312	Rectangle	50	76	1.60

Inferior Medial Orbital Rim Implant (IMORI)

The MEDPOR Inferior Medial Orbital Rim Implant (IMORI) is designed to wrap over the inferior orbital rim and extend superiorly and inferiorly medial to the inferior orbital nerve.



CAT#	Description	A (mm)	B (mm)	C (mm)
87003	Inferior medial orbital rim - left	25	26	2.5
87004	Inferior medial orbital rim - right	25	26	2.5

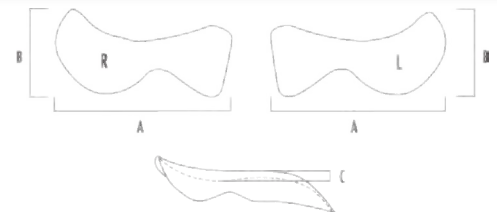


Inferior orbital rim

The MEDPOR inferior orbital rim implant can provide up to 5mm of anterior projection and is designed to be trimmed to meet the needs of the individual patient. A small flange allows it to rest on the most anterior aspect of the orbital floor. This flange allows for positioning of the implant and a possible area for screw fixation to the skeleton.



CAT#	Description	A (mm)	B (mm)	C (mm)
9429	Inferior orbital rim - left	43	18	3.2
9430	Inferior orbital rim - right	43	18	3.2

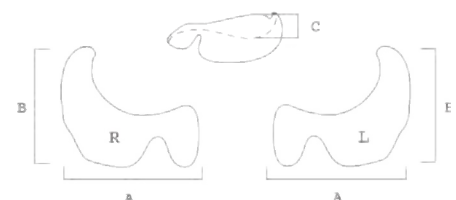


Extended orbital rim implants

MEDPOR extended orbital rim implants are designed to provide the surgeon with an option for augmenting the inferior rim.



CAT#	Description	A (mm)	B (mm)	C (mm)
9539	Orbital rim - extended left	47	40	6.3
9540	Orbital rim - extended right	47	40	6.3



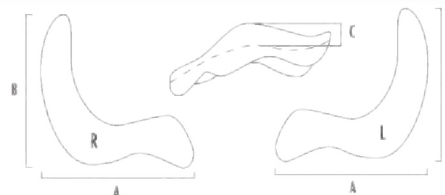
MEDPOR Plastic surgery

Orbital rim onlay implants

The MEDPOR orbital rim onlay implants are designed to augment the inferior and lateral orbital rims and increase the anterior rim projection.



CAT#	Description	A (mm)	B (mm)	C (mm)
81001	Orbital rim onlay - left	40	40	8.45
81002	Orbital rim onlay - right	40	40	8.45



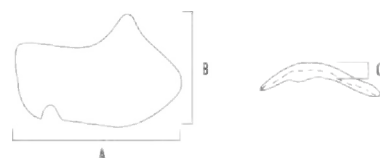
Midface contour implant

The MEDPOR midface contour implant is designed to aid in reconstruction or augmentation of the midface. The shell-type design of the implant allows the surgeon to carve portions of the implant most appropriate for each patient.

The MEDPOR Midface contour implant is packaged with a sterile silicone template.



CAT#	Description	A (mm)	B (mm)	C (mm)
83007	Midface contour implant - left	60	40	4
83008	Midface contour implant - right	60	40	4

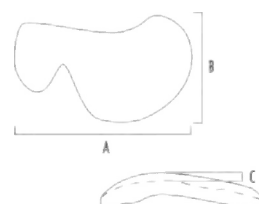


Midface rim

The MEDPOR midface rim is designed to augment areas of bony concavities of the midface, including the inferior orbital rim and malar.



CAT#	Description	A (mm)	B (mm)	C (mm)
83003	Midface rim - left	47	28	3
83004	Midface rim - right	47	28	3



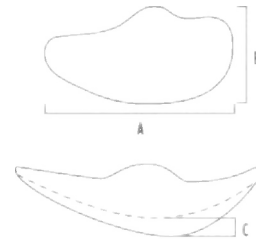
Extended malar shapes

The extended malar design is intended to provide malar augmentation from the nasal area to the zygomatic arch.



CAT#	Description	A (mm)	B (mm)	C (mm)
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9513	Extended contoured, small - left	45	24	3
9514	Extended contoured, small - right	45	24	3
9515	Extended contoured, medium - left	50	26	4
9516	Extended contoured, medium - right	50	26	4
9517	Extended contoured, large - left	55	27	5
9518	Extended contoured, large - right	55	27	5



DESIGN RZ malar implants

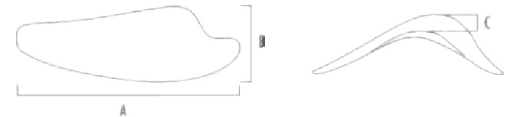
The MEDPOR DESIGN RZ malar allows for recontouring of the midface. It is designed to provide skeletal augmentation for correction of defects.

The projection of these implants is central to the malar prominence with a tapering towards the zygomatic wing. The medial edge is notched to accommodate the infraorbital facial nerve.



CAT#	Description	A (mm)	B (mm)	C (mm)
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9501	DESIGN RZ, super petite - left	50	19	3
9502	DESIGN RZ, super petite - right	50	19	3
9503	DESIGN RZ, petite - left	50	19	5
9504	DESIGN RZ, petite - right	50	19	5



DESIGN M malar implants

The DESIGN M malar shapes are designed specifically to contour the malar bone starting from the zygomatic arch, proceeding over the malar prominence, and extending down to the maxillary buttress.



CAT#	Description	A (mm)	B (mm)	C (mm)	D (mm)
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9507	DESIGN M, small - left	64	19	3	15
9508	DESIGN M, small - right	64	19	3	15
9509	DESIGN M, medium - left	64	19	4.5	17
9510	DESIGN M, medium - right	64	19	4.5	17

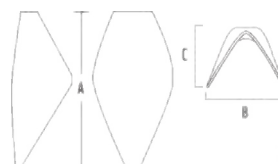


Nasal dorsal shell - thin

The MEDPOR nasal dorsal shell is thin, flexible, and can provide an option for augmenting or correcting deformities. Each nasal dorsal shell is packaged sterile and sold with a sterile silicone template. U.S. Patent # D428,992



CAT#	Description	A (mm)	B (mm)	C (mm)
84006	Nasal dorsal shell - thin	43	22	16

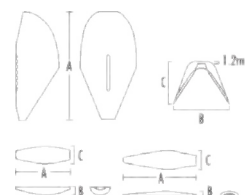


Nasal shell shapes

The nasal shell, with two inserts, is designed to provide a reconstructive option for correcting nasal deformity. The nasal shell mimics the shape of the nasal bones and upper lateral cartilage. The two nasal shell inserts included can be placed inferior to the implant in dorsal areas where additional augmentation is required. Each shell is packaged sterile and sold with two inserts and a sterile silicone template. U.S. Patent # D428,992



CAT#	Description	A (mm)	B (mm)	C (mm)
9553	Nasal shell - regular	37	19	18
	Insert - small (included)	30	4	9
	Insert - large (included)	38	2.5	9
9554	Nasal shell - large	40	20	18
	Insert - small (included)	32	4	9
	Insert - large (included)	41	3	9

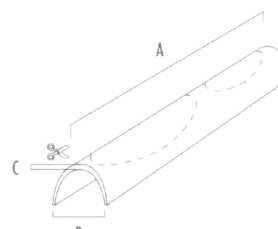


Nasal arch shapes

The nasal arch can be used effectively to create a nasal onlay where augmentation of the dorsum is required. Each arch is packaged sterile and sold individually with a sterile silicone template.



CAT#	Description	A (mm)	B (mm)	C (mm)
9533	Nasal arch - small	70	13	2
9534	Nasal arch - medium	70	15	2
9535	Nasal arch - large	70	17	2

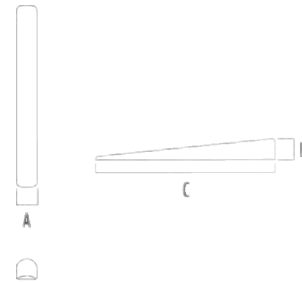


Petite nasal dorsum

The MEDPOR petite nasal dorsum Implant is designed to provide augmentation to the dorsum.



CAT#	Description	A (mm)	B (mm)	C (mm)
84000	Petite nasal dorsum	4	4	45
84001	Petite nasal dorsum	4	4	55
84002	Petite nasal dorsum	5	5	45
84003	Petite nasal dorsum	5	5	55
84004	Petite nasal dorsum	9	6	55
85000	Petite nasal dorsum sizer set (Silicone, Non-sterile)			

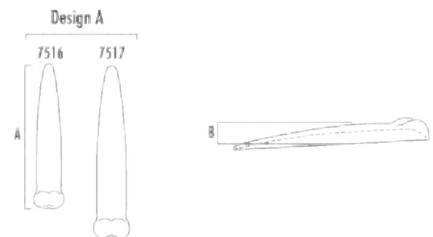


Nasal dorsum shapes

MEDPOR nasal dorsum shapes are designed to augment the dorsum of the nose.



CAT#	Description	A (mm)	B (mm)
7516	Design A - small	53	5
7517	Design A - large	68	9



Nasal sheet

When nasal tip projection is needed, the nasal sheet can be used to support the tip by placing the nasal sheet between the medial crura of the alar cartilage, using it as a framework to support tip elevation.



CAT#	Description	A (mm)	B (mm)	C (mm)
9536	Nasal sheet	40	9	1.1



Paranasal shapes

MEDPOR paranasal implants are designed for augmentation of the midface in patients who have relative midface deficiency.



CAT#	Description	A (mm)	B (mm)	C (mm)
9519	Paranasal, petite - left	28	26	4.5
9520	Paranasal, petite - right	28	26	4.5
9525	Paranasal, large - left	30	28	7
9526	Paranasal, large - right	30	28	7

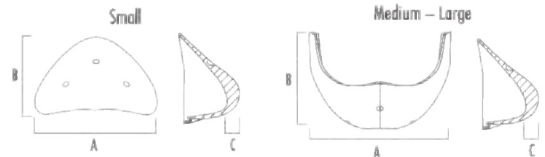


Button chin

The MEDPOR button chin Implant, designed in a three dimensional configuration, is an option for augmentation to the medial anterior point of the chin.



CAT#	Description	A (mm)	B (mm)	C (mm)
86010	Button chin - small	40	25	4
86011	Button chin - medium	47.5	37.5	5.5
86012	Button chin - large	48.5	38	7



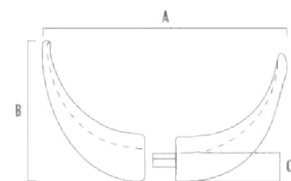
Two-piece chin implants

The two-sectional components of this anatomical MEDPOR chin design allow for easy insertion and placement of the implant. The surgeon can then link the components together for proper alignment.

Sizer set available.



CAT#	Description	A (mm)	B (mm)	C (mm)
8320	Small projection	56	33	5
8321	Medium projection	56	36	7
8322	Large projection	57	38	9



RZ extended chin implants

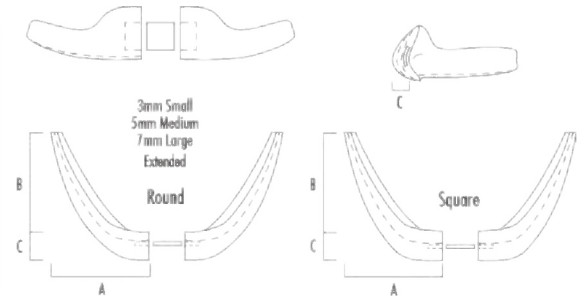
The RZ extended chin implants are available in designs with square or round anterior projections. The extended chins contain a notch for mental nerve passage and provide tri-dimensional projection (anterior, lateral and inferior).

The two-piece design is joined at the midline by a separate tab that allows individual placement of the left and right portions.



CAT# Description A (mm) B (mm) C (mm)

8313	RZ extended round chin - small	45	47	3
8314	RZ extended round chin - medium	45	47	5
8315	RZ extended round chin - large	45	47	7
8316	RZ extended square chin - small	45	47	3
8317	RZ extended square chin - medium	45	47	5
8318	RZ extended square chin - large	45	47	7



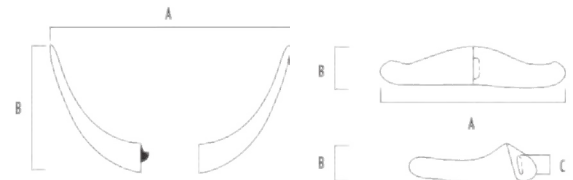
Contoured two-piece chin implants

The contoured two-piece chin implant is designed with a gradual taper and concave posterior surface to provide an excellent anatomical fit to the bony anatomy.



CAT# Description A (mm) B (mm) C (mm)

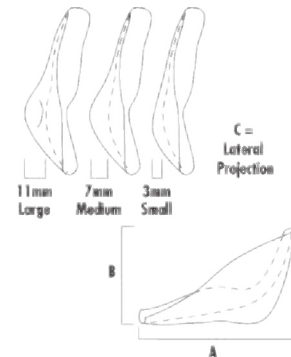
86000	Contoured two-piece chin	72	42	3
86001	Contoured two-piece chin	74	42	5
86002	Contoured two-piece chin	78	50	7
86003	Contoured two-piece chin	80	55	9



RZ mandibular angle implants

The RZ mandibular angle implants are wrap-around designs that conform to the posterior and inferior borders of the mandible angle.

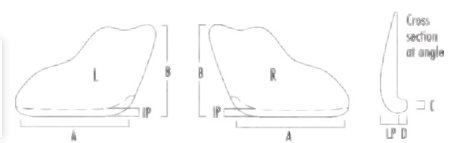
Sizer set available.



CAT#	Description	A (mm)	B (mm)	C (mm)
9955	Mandibular angle RZ left - small	65	35	3
9956	Mandibular angle RZ right - small	65	35	3
9957	Mandibular angle RZ left - medium	65	35	7
9958	Mandibular angle RZ right - medium	65	35	7
9959	Mandibular angle RZ left - large	65	35	11
9960	Mandibular angle RZ right - large	65	35	11

Lateral augmentation onlay shape

The lateral augmentation onlay mandible angle is designed to provide augmentation to the lateral profile at the posterior body of the angle. The lateral augmentation onlay mandible provides 6.5mm's of thickness at the angle of the mandible. A small inferior ridge along the ramus allows the implant to conform to the mandibular border.

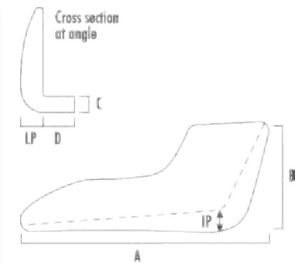
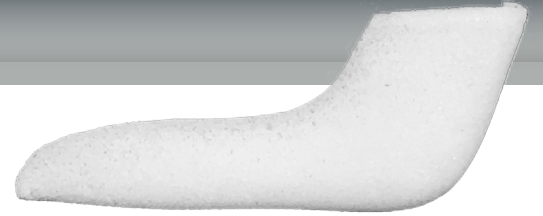


CAT#	Description	A (mm)	B (mm)	C (mm)	D (mm)	IP (mm)	LP (mm)
7535	Mandible angle - left	47	38	3	3	3	6.5
7536	Mandible angle - right	47	38	3	3	3	6.5

Angle of the mandible implants

The ES angle of the mandible series is designed to provide a modest inferior ridge and lateral profile for augmentation and correction of deficient mandibular angles.

The E series is a reconstructive set of angles with larger dimensions available for significant augmentation. The lateral projection as well as the inferior ridge has greater bulk than the ES series.



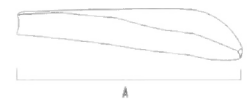
CAT#	Description	A (mm)	B (mm)	C (mm)	D (mm)	IP (mm)	LP (mm)
7537	Ramus with inferior ridge E-5 - left	79	32	5	10	5	7
7538	Ramus with inferior ridge E-5 - right	79	32	5	10	5	7
7539	Ramus with inferior ridge E-10 - left	79	32	10	10	10	7
7540	Ramus with inferior ridge E-10 - right	79	32	10	10	10	7
7541	Ramus with inferior ridge ES-5 - left	79	32	5	4	5	5
7542	Ramus with inferior ridge ES-5 - right	79	32	5	4	5	5
7543	Ramus with inferior ridge ES-10 - left	79	32	10	4	10	5
7544	Ramus with inferior ridge ES-10 - right	79	32	10	4	10	5

Contoured mandibular angle implants

The MEDPOR contoured mandibular angle is anatomically shaped for augmentation of the mandibular ramus and body to the mental foramen. The anatomical shape of this implant is designed to minimize dead space under the implant as well as the need for reshaping at the time of surgery.



CAT#	Description	A (mm)	B (mm)	C (mm)	D (mm)
88037	Contoured mandibular angle - left	59	29	7	11
88038	Contoured mandibular angle - right	59	29	7	11

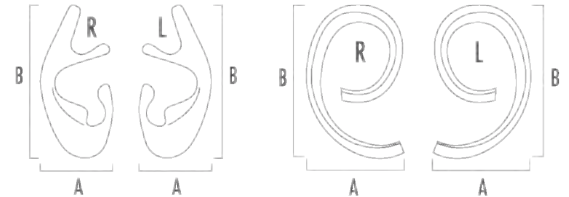


Ear implants



MEDPOR ear implants two-piece designs allow for tailoring the height and projection of the helix to match the contralateral ear. The porous framework is designed to provide a supportive base for a temporal parietal fascia flap and skin grafts. MEDPOR ear implants are suitable for primary or secondary repair in both congenital and traumatic indications.

CAT#	Description	A (mm)	B (mm)
8328	Helical rim - right	37	62
8329	Helical rim - left	37	62
8330	Ear base extended - right	30	59
8331	Ear base extended - left	30	59

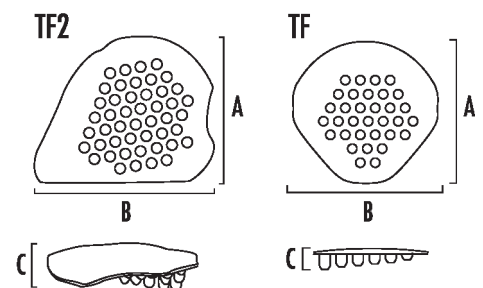


FLEXBLOCK TF2 & TF

The FLEXBLOCK TF2 and FLEXBLOCK TF implant shapes are designed to augment deficient soft tissue in the temporal region. The FLEXBLOCK TF2 comes in left and right versions and has a thinner, contoured temporal surface.



CAT#	Description	A (mm)	B (mm)	C (mm)
9857	TF2, small - left	61	78	18
9858	TF2, small - right	61	78	18
9859	TF2, medium - left	74	93	20
9860	TF2, medium - right	74	93	20
9861	TF2, large - left	82	105	20
9862	TF2, large - right	82	105	20
9521	TF - small	70	70	10
9522	TF - medium	86	88	15
9523	TF - large	95	98	18



U.S. Patent 5,545,226



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MEDPOR®

Oculoplastic surgery



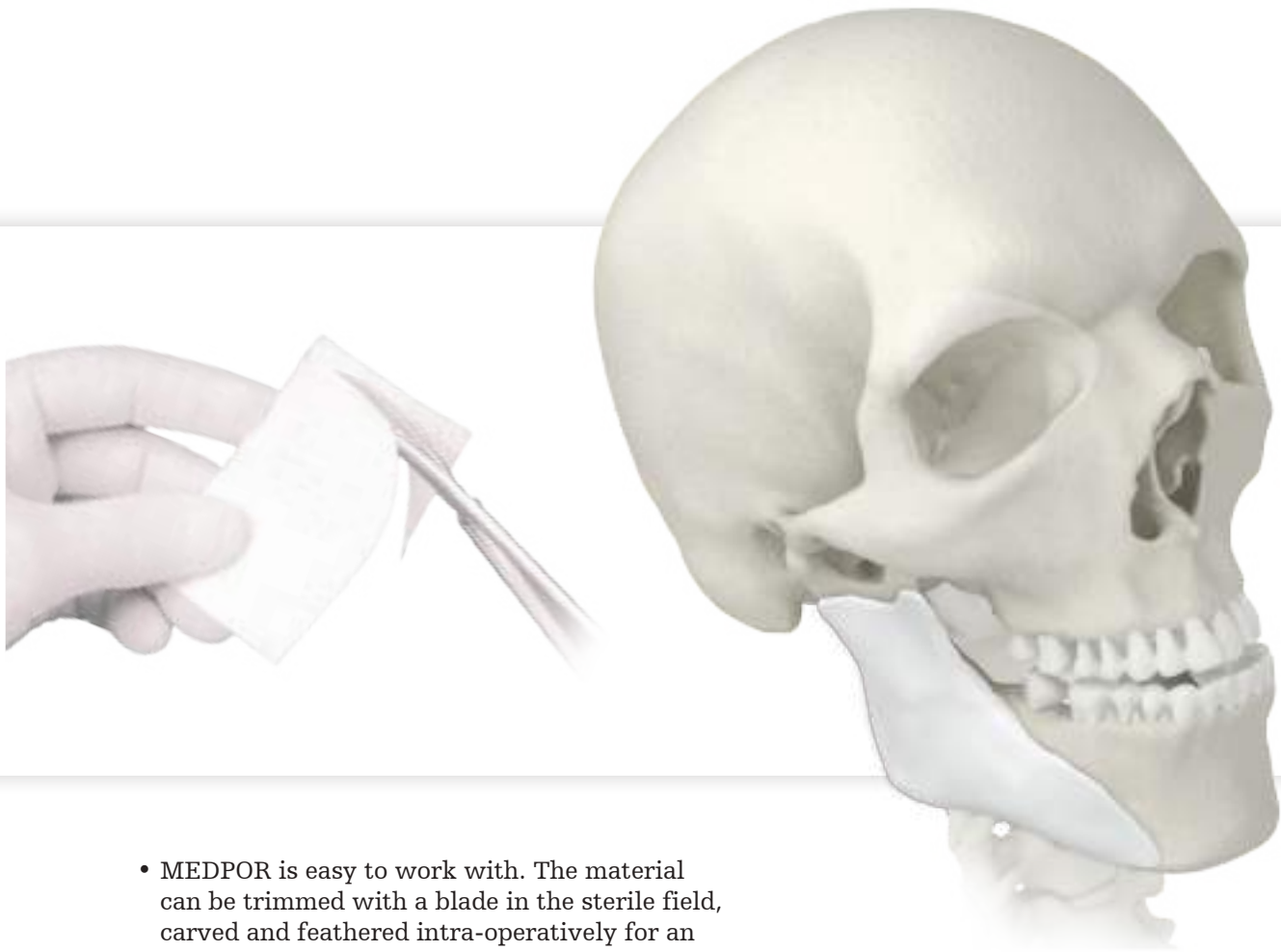
MEDPOR[®] biomaterial



MEDPOR has been a trusted name in the industry since 1985, with hundreds of thousands of procedures performed, and hundreds of published clinical reports in reconstructive, cranial, Oculoplastic surgery, and cosmetic applications.

Our MEDPOR product line provides you an array of porous polyethylene solutions for your reconstruction and augmentation needs. We understand that bio-compatibility characteristics of implants are paramount to help surgeons achieve positive patient outcomes. The omni-directional pore structure of our polyethylene implants may increase implant acceptance by allowing the patient's native tissue to integrate with the implant. In addition to our comprehensive line of stock MEDPOR implants.

30+
years of proven
clinical history

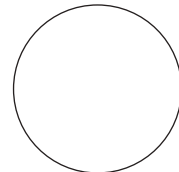


- MEDPOR is easy to work with. The material can be trimmed with a blade in the sterile field, carved and feathered intra-operatively for an excellent final fit.
- No pre-placing of fixation plates. MEDPOR can be easily drilled and fixated and is designed to accept screws and plates without cracking, giving the surgeon more flexibility in fixation options and placement.
- MEDPOR surgical implants can be cut with a variety of surgical instruments. Implants may require fitting to the defect area at the time of surgery. The implant edges can be delicately shaped and feathered for a smooth transition from the implant to the patient's own bony contour.
- MEDPOR surgical implants are provided sterile and should not be resterilized.
- Do not place or carve the implant on surgical drapes, surgical clothing or any other surface that may contaminate the implant with lint and other particulate matter.

MEDPOR Oculoplastic surgery

Spheres

MEDPOR spheres provide surgeons with porous, biocompatible materials for orbital reconstruction following enucleation and evisceration procedures. The interconnecting, omni-directional pore structure of the MEDPOR biomaterial may allow for vascularization and soft tissue ingrowth. Healthy extra-ocular muscles can be sutured directly to the implant or to an overlying tissue wrap.



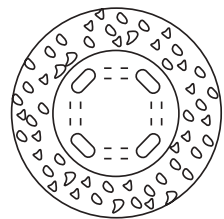
SPHERES

CAT# Description Size (mm) diameter

6316	Sphere	14
6326	Sphere	16
6327	Sphere	18
6317	Sphere	20
6322	Sphere	22

Smooth Surface Tunnel spheres (SST-EZ)

Smooth Surface Tunnel (SST-EZ) spheres have a smooth, porous anterior surface and suture tunnels to allow easy rectus muscle attachment without the use of an implant wrap. The redesigned suture holes and curved tunnels of the new MEDPOR SST-EZ may allow for easier insertion of ophthalmic needles typically used to attach the extra-ocular muscles to the implant. Both suture arms from one muscle are passed through each tunnel. Each muscle end can be drawn to within 3mm of the implant anterior apex or allowed to hang back at the desired attachment location.



CAT# Description Size (mm)

80008	SST-EZ sphere	16
80010	SST-EZ sphere	18
80012	SST-EZ sphere	20
80014	SST-EZ sphere	22

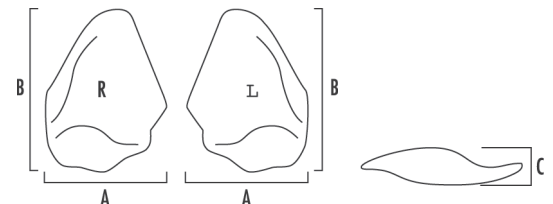
Enophthalmos wedge

The MEDPOR enophthalmos wedge mimics the contour of the orbital floor and is designed to provide volume to restore the orbit to its normal shape and size.



CAT# Description A (mm) B (mm) Thickness

9541	Regular – left	22	31	7.00
9542	Regular – right	22	31	7.00
9543	Large – left	28	40	7.50
9544	Large – right	28	40	7.50



MEDPOR TITAN[®]

Combines high-density polyethylene and titanium mesh in a single implant for increased flexibility, shape retention, radiographic visualization and strength².

Configurations

MTM

Titanium mesh embedded within porous, high-density polyethylene.

MTB

Titanium mesh embedded within a porous polyethylene matrix with a solid, barrier surface on one side, potentially allowing for fibrovascular ingrowth only on the porous side of the implant.

BTB

Titanium mesh embedded within solid, non-porous high-density polyethylene. The smooth barrier surface can prevent fibrovascular ingrowth.

TITAN Orbital Floor and Wall (OFW)

US Patent 7,655,047

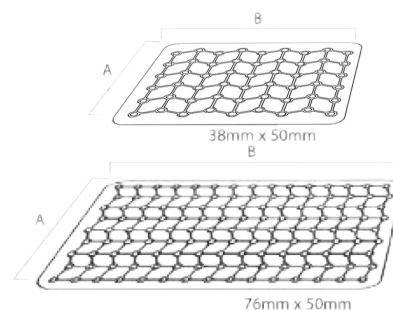
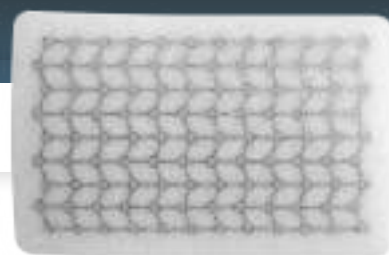
CAT#	Description	A (mm)	B (mm)	C (mm)	Thickness
81030	MTM	42	41	0.5	0.85
81031	MTB - Left	42	41	0.5	1.0
81032	MTB - Right	42	41	0.5	1.0
81033	BTB	42	41	0.5	0.6



TITAN implants

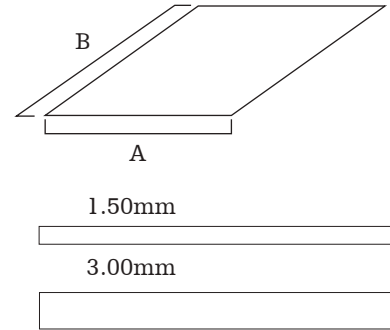
CAT#	Description	A (mm)	B (mm)	Thickness
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81020	MTM	50	76	0.85
81021	MTM	38	50	0.85
81022	MTM	38	50	1.50
81023	MTM	50	76	1.50
81024	BTB	38	50	0.60
81025	BTB	50	76	0.60
81026	MTB	38	50	1.00
81027	MTB	50	76	1.00
81028	MTB	38	50	1.60
81029	MTB	50	76	1.60



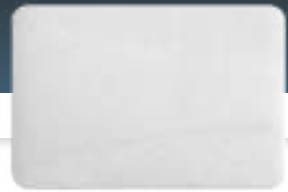
Sheets

MEDPOR biomaterial sheets provide the surgeon with options for craniofacial reconstruction and augmentation.

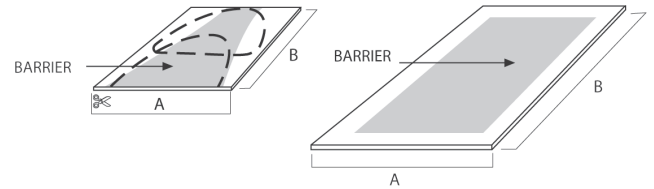


CAT#	Description	A (mm)	B (mm)	Thickness
6330	Sheet	38	50	1.50
6331	Sheet	50	76	1.50
8662	Sheet	76	127	1.50
9562	Sheet	38	50	3.00

Thickness



CAT#	Description	A (mm)	B (mm)	Thickness
8305	Orbital floor implant	38	50	1.00
9305	Orbital floor implant	38	50	1.60
8312	Rectangle	50	76	1.00
9312	Rectangle	50	76	1.60



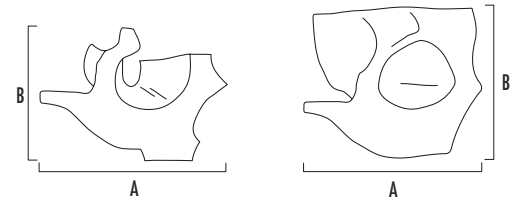
Complete and 2/3 orbit shapes

Complete and inferior 2/3 orbit implants are designed to replace non-load bearing, bony structures of the orbital area. Complete and 2/3 orbits are typically carved with a blade or scissors to fit the patient's defect and fixed with sutures, wires or craniofacial screws and plates.



CAT#	Description	A (mm)	B (mm)
9567	Inferior 2/3 orbit - left	108	75
9568	Inferior 2/3 orbit - right	108	75
9569	Complete orbit - left	93	75
9570	Complete orbit - right	93	75

CAT#	Description	A (mm)	B (mm)
9567	Inferior 2/3 orbit - left	108	75
9568	Inferior 2/3 orbit - right	108	75
9569	Complete orbit - left	93	75
9570	Complete orbit - right	93	75



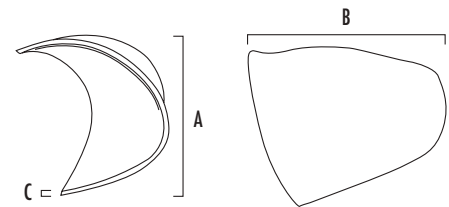
Orbito-Zygomatic (OZ)

The MEDPOR Orbito-Zygomatic (OZ) implant is designed for reconstruction of the superior and lateral surfaces of the orbital roof.



CAT#	Description	A (mm)	B (mm)	C (mm)
81013	Left	33	38	0.80
81014	Right	33	38	0.80

CAT#	Description	A (mm)	B (mm)	C (mm)
81013	Left	33	38	0.80
81014	Right	33	38	0.80



MEDPOR Oculoplastic surgery

Inferior orbital rim

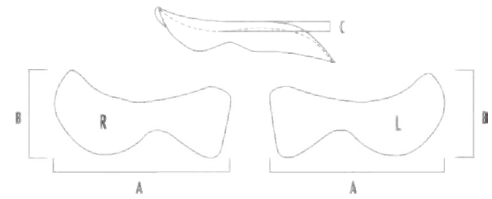
The MEDPOR inferior orbital rim implant can provide up to 5mm of anterior projection and is designed to be trimmed to meet the needs of the individual patient. A small flange allows it to rest on the most anterior aspect of the orbital floor. This flange allows for positioning of the implant and a possible area for screw fixation to the skeleton.



CAT#	Description	A (mm)	B (mm)	C (mm)
------	-------------	--------	--------	--------

9429	Inferior orbital rim - left	43	18	3.2
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9430	Inferior orbital rim - right	43	18	3.2
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Extended orbital rim implants

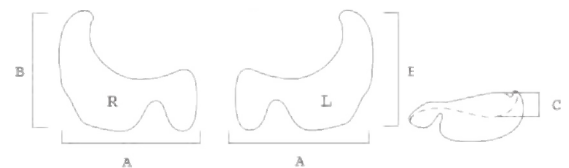
MEDPOR extended orbital rim implants are designed to provide the surgeon with an option for augmenting the inferior rim.



CAT#	Description	A (mm)	B (mm)	C (mm)
------	-------------	--------	--------	--------

9539	Orbital rim - extended left	47	40	6.3
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9540	Orbital rim - extended right	47	40	6.3
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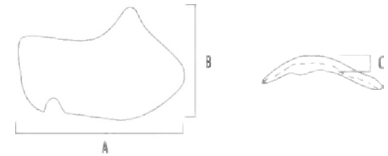
Midface contour implant

The MEDPOR midface contour implant is designed to aid in reconstruction or augmentation of the midface. The shell-type design of the implant allows the surgeon to carve portions of the implant most appropriate for each patient.

The MEDPOR Midface contour implant is packaged with a sterile silicone template.



CAT#	Description	A (mm)	B (mm)	C (mm)
83007	Midface contour implant - left	60	40	4
83008	Midface contour implant - right	60	40	4

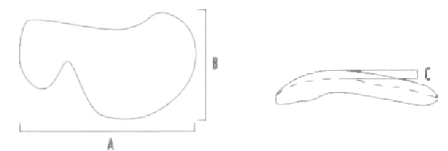


Midface rim

The MEDPOR midface rim is designed to augment areas of bony concavities of the midface, including the inferior orbital rim and malar.



CAT#	Description	A (mm)	B (mm)	C (mm)
83003	Midface rim - left	47	28	3
83004	Midface rim - right	47	28	3



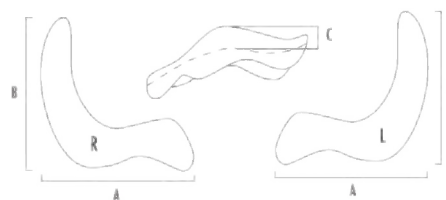
MEDPOR Oculoplastic surgery

Orbital rim onlay implants

The MEDPOR orbital rim onlay implants are designed to augment the inferior and lateral orbital rims and increase the anterior rim projection.



CAT#	Description	A (mm)	B (mm)	C (mm)
81001	Orbital rim onlay - left	40	40	8.45
81002	Orbital rim onlay - right	40	40	8.45

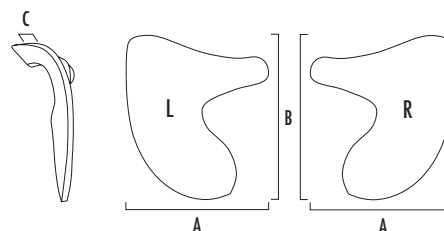


Inferior Medial Orbital Rim Implant (IMORI)

The MEDPOR Inferior Medial Orbital Rim Implant (IMORI) is designed to wrap over the inferior orbital rim and extend superiorly and inferiorly medial to the inferior orbital nerve.



CAT#	Description	A (mm)	B (mm)	C (mm)
87003	Inferior medial orbital rim - left	25	26	2.50
87004	Inferior medial orbital rim - right	25	26	2.50





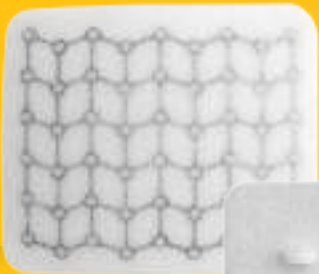
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MEDPOR®

Neuro surgery



MEDPOR biomaterial



MEDPOR has been a trusted name in the industry since 1985, with hundreds of thousands of procedures performed, and hundreds of published clinical reports in reconstructive, cranial, oculoplastic, and cosmetic applications.

Our MEDPOR product line provides you an array of porous polyethylene solutions for your reconstruction and augmentation needs. We understand that bio-compatibility characteristics of implants are paramount to help surgeons achieve positive patient outcomes. The omni-directional pore structure of our polyethylene implants may increase implant acceptance by allowing the patient's native tissue to integrate with the implant. In addition to our comprehensive line of stock MEDPOR implants, we offer CT-based patient specific implants, putting the implant design in your hands.

- MEDPOR is easy to work with. The material can be trimmed with a blade in the sterile field, and carved and feathered intra-operatively for an excellent final fit.
- No pre-placing of fixation plates. MEDPOR can be easily drilled and fixated and is designed to accept screws and plates without cracking, giving the surgeon more flexibility in fixation options and placement.
- MEDPOR surgical implants can be cut with a variety of surgical instruments. Implants may require fitting to the defect area at the time of surgery. The implant edges can be delicately shaped and feathered for a smooth transition from the implant to the patient's own bony contour.
- MEDPOR surgical implants are provided sterile and should not be resterilized.
- Do not place or carve the implant on surgical drapes, surgical clothing or any other surface that may contaminate the implant with lint and other particulate matter.



Additional off-the-shelf persistent temporal hollowing solutions

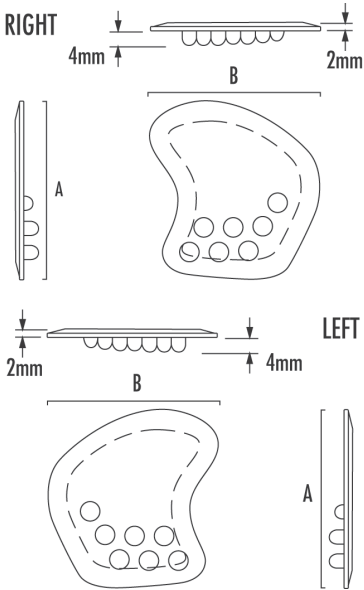
Pterional implant

The pterional implant is designed to correct temporal hollowing in patients who have had surgery involving the pterional approach to the brain. While the pterional craniotomy is one of the most versatile approaches in neurosurgery, it can lead to temporal hollowing.¹ The implant is placed deep to the temporalis during closure and is designed to correct this defect.

The pterional implant is available in left and right versions, and although similar to the FLEXBLOCK TF, is much smaller in design to provide appropriate augmentation.



CAT#	Description	A (mm)	B (mm)	Thickness
9864	Right	48	43	6.00
9865	Left	46	43	6.00



FLEXBLOCK implant

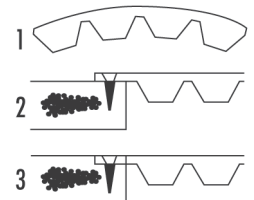
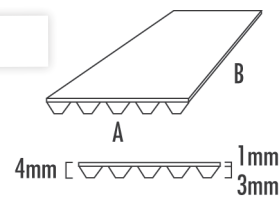
The FLEXBLOCK implant is available for small to medium sized cranial defects and contour deformities. It can be used as an onlay for small calvarial defects and contour defects.

The FLEXBLOCK implant has a smooth exterior surface and a series of pedicles on the interior surface that are designed to provide volume and flexibility. The outer perimeter and corresponding pedicles of the implant should be trimmed to provide a flange just larger than the defect for support and fixation.

1. The pedicles on the inferior surface of the implant are designed to provide flexibility to fit the implant to the desired contour.
2. The implant should be trimmed just larger than the defect. After cutting the implant to shape, the pedicles along the perimeter should be trimmed to provide a flange for fixation to the underlying bone.
3. A "shelf" in the surrounding bone may be created at the edge of the defect to provide for a more smooth transition.



CAT#	Description	A (mm)	B (mm)	Thickness (mm)
6314	FLEXBLOCK	56	91	4.00

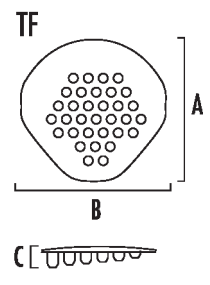
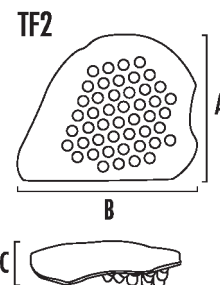


FLEXBLOCK TF2 & TF

The FLEXBLOCK TF2 and Flexblock TF implant shapes are designed to augment deficient soft tissue in the temporal region. The Flexblock TF2 comes in left and right versions and has a thinner, contoured temporal surface.



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
9857	TF2 small - left	61	78	18
9858	TF2 small - right	61	78	18
9859	TF2 medium - left	74	93	20
9860	TF2 medium - right	74	93	20
9861	TF2 large - left	82	105	20
9862	TF2 large - right	82	105	20
9521	TF small	70	70	10
9522	TF medium	86	88	15
9523	TF large	95	98	18



U.S. Patent 5,545,226

MEDPOR TITAN[®]

Combines high-density polyethylene and titanium mesh in a single implant for increased flexibility, shape retention, radiographic visualization and strength².

Configurations

MTM

Titanium mesh embedded within porous, high-density polyethylene.

MTB

Titanium mesh embedded within a porous polyethylene matrix with a solid, barrier surface on one side, potentially allowing for fibrovascular ingrowth only on the porous side of the implant.

BTB

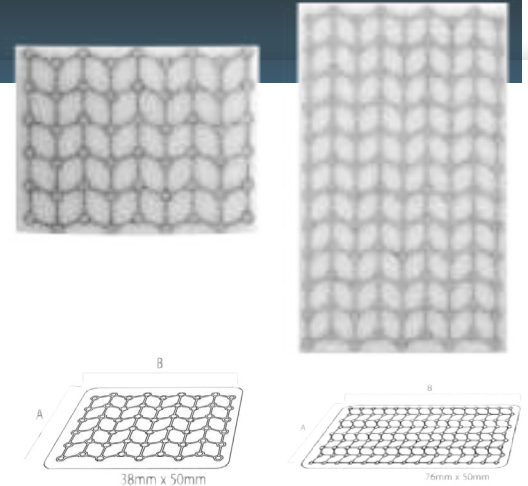
Titanium mesh embedded within solid, non-porous high-density polyethylene. The smooth barrier surface can prevent fibrovascular ingrowth.

TITAN implants

MEDPOR TITAN sheets are intended for non-weight bearing applications of craniofacial reconstructive/cosmetic surgery, and repair of craniofacial trauma. Titanium mesh and MEDPOR polyethylene implants have a long history of successful use in trauma repair. When cut, traditional titanium mesh may exhibit many sharp points and edges that can make insertion difficult.

Titanium mesh embedded within a thin sheet of high-density polyethylene may minimize sharp edges even when the implant is cut. The titanium mesh is radiopaque, making the implant visible on radiographs or CT scans.³ The titanium mesh used in MEDPOR biomaterial allows the surgeon to bend and contour a thin implant material to the desired shape while providing the strength usually associated with a much thicker traditional MEDPOR implant.²

U.S. Patent #7,655,047



CAT# Description A (mm) B (mm) Thickness (mm)

81020	MTM	50	76	0.85
81021	MTM	38	50	0.85
81022	MTM	38	50	1.50
81023	MTM	50	76	1.50
81024	BTB	38	50	0.60
81025	BTB	50	76	0.60
81026	MTB	38	50	1.00
81027	MTB	50	76	1.00
81028	MTB	38	50	1.60
81029	MTB	50	76	1.60

Surgeons may choose from three types of MEDPOR TITAN sheets:

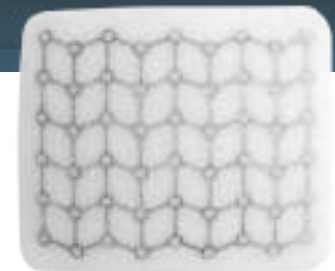
- The MEDPOR TITAN MEDPOR (MTM) implant is porous, high-density polyethylene with titanium mesh embedded in it, potentially providing the advantages of fibrovascular integration of the patient's host tissue through the sheet.
- The MEDPOR TITAN BARRIER (MTB) implant is a sheet of titanium mesh embedded within a porous polyethylene matrix with a solid, BARRIER surface on one side, potentially allowing for fibrovascular ingrowth only on the porous side of the implant.
- The MEDPOR TITAN double BARRIER (BTB) implant is titanium mesh embedded within solid, high-density polyethylene that acts as a BARRIER to tissue attachment and may help facilitate implant placement.

TITAN cranial curve

The MEDPOR TITAN cranial curve and MEDPOR TITAN cranial curve - BARRIER implants offer the cranial surgeon an option for cranial/skull base reconstruction. Both configurations are pre-shaped to the general curvature of the cranium and are intended for non-loading bearing applications.

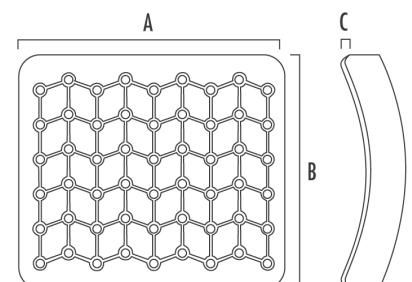
The titanium mesh used with the MEDPOR biomaterial allows the surgeon to further bend and contour the implant material to the desired shape.³

Titanium is radiopaque, making the implant visible on radiographs or CT scans.
U.S. Patent #7,655,047



CAT# Description A (mm) B (mm) C (Thickness - mm)

82019	TITAN cranial curve	38	48	0.85
82020	TITAN cranial curve - BARRIER	38	48	1.00



TITAN cranial-temporal

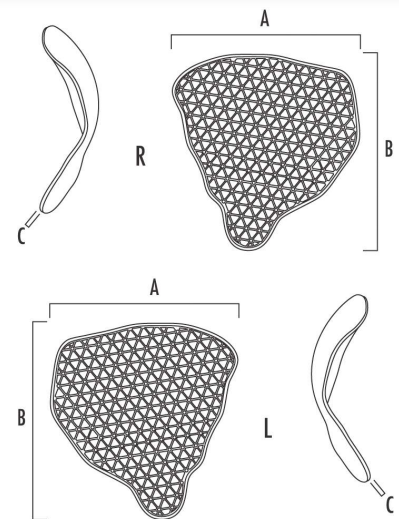
The MEDPOR TITAN cranial-temporal implant is designed to be an off-the shelf solution for non-weight-bearing applications of craniofacial reconstruction and repair of craniofacial trauma. The titanium mesh embedded in the MEDPOR biomaterial is designed to provide strength usually associated with a much thicker traditional MEDPOR implant. The thinner profile can be bent to the shape of the defect. The radiopaque titanium mesh makes the implant visible on postoperative radiographs or CT scans and helps the implant retain the shape when bent. The implant is available in left and right configurations.

Sterile template included.

U.S. Patent #7,655,047



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
81037	TITAN cranial-temporal, left	130	130	3.00
81038	TITAN cranial-temporal, right	130	130	3.00



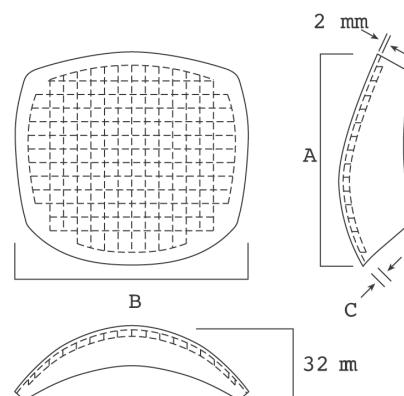
MEDPOR Neuro surgery

FLEXBLOCK cranial grid

The FLEXBLOCK cranial grid is designed to fill full thickness cranial defects as an option to calvarial bone grafts. The cranial grid has a grid design on the interior surface that is designed to provide strength and flexibility and allows the implant to be cut to the desired shape. The shape approximates the contour of the cranium. The implant is 6mm thick and 97mm x 106mm in dimension.



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
9524	Cranial grid	97	106	6.00

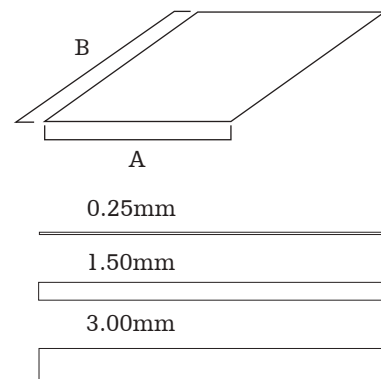


Sheets

MEDPOR biomaterial sheets provide the surgeon with options for craniofacial reconstruction and augmentation.



CAT#	Description	A (mm)	B (mm)	Thickness (mm)
83020	Micro thin sheet	38	50	0.25
6330	Sheet	38	50	1.50
6331	Sheet	50	76	1.50
8662	Sheet	76	127	1.50
9562	Sheet	38	50	3.00



Thickness

MEDPOR Neuro surgery

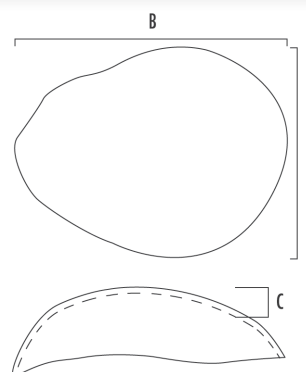
Cranial hemisphere

The MEDPOR cranial hemisphere for large cranial defects provides surgeons with an off-the-shelf alternative to customized implants, complex grafts, and other implant materials.

The implant shape approximates the contour of the half cranium. The cranial hemisphere is available in two thicknesses and left and right versions. The implant can be trimmed with a blade to fit the defect. The edges should be delicately shaped and feathered with surgical scissors or a scalpel blade for a smooth transition from the implant to the patient's bony contour. Fixation of the implant may be accomplished with rigid fixation plates and screws.



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
82000	Cranial hemisphere - right	124	170	4.50
82001	Cranial hemisphere - left	124	170	4.50
82002	Cranial hemisphere - right	124	170	6.00
82003	Cranial hemisphere - left	124	170	6.00



TSI

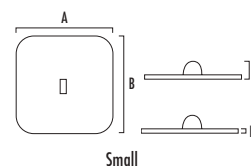
The MEDPOR TSI is designed to repair the seller floor.

The TSI implant is available in two sizes and configurations. The larger TSI is designed with three small tabs oriented to facilitate handling and placement while the original TSI design has a single tab.

A nonporous sheet of polyethylene heat-bonded to the posterior surface of the larger TSI forms a BARRIER to prevent tissue ingrowth.



CAT#	Description	A (mm)	B (mm)	C (Total thickness - mm)	D (mm)
82007	TSI	20	20	2.50	0.45



MEDPOR Neuro surgery

Mastoid implant

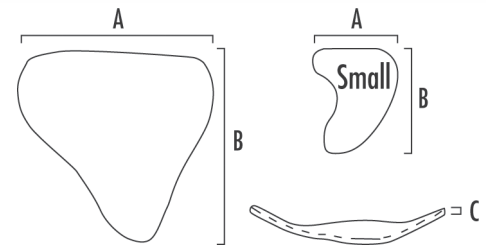
For patients undergoing cranial procedures that require removal of bone in the mastoid area, the MEDPOR mastoid implant provides surgeons with a convenient method to repair defect areas.

The implants are available in small and regular sizes and should be trimmed at the time of surgery to fit the needs of the individual patient.

The regular mastoid implant is available in left and right configuration, while the small mastoid implant provides a universal fit to either the left or right side.



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
82014	Mastoid - small	36	45	1.00
82015	Mastoid implant - left	58	56	1.50
82016	Mastoid implant - right	58	56	1.50

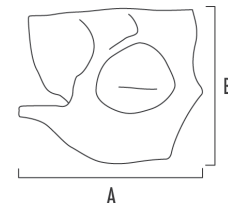


Complete and 2/3 orbit shapes

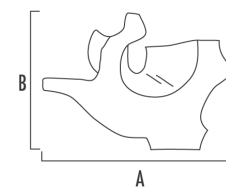
Complete and inferior 2/3 orbit implants are designed to replace non-load bearing, bony structures of the orbital area. Complete and 2/3 orbits are typically carved with a blade or scissors to fit the patient's defect and fixed with sutures, wires or craniofacial screws and plates.



CAT#	Description	A (mm)	B (mm)
9567	Inferior 2/3 orbit - left	108	75
9568	Inferior 2/3 orbit - right	108	75
9569	Complete orbit - left	93	75
9570	Complete orbit - right	93	75



Complete Orbit



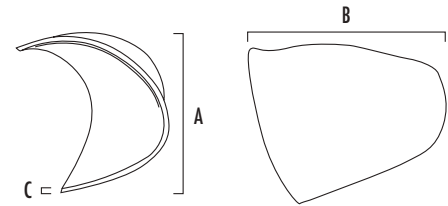
Inferior 2/3 Orbit

Orbito-Zygomatic (OZ)

The MEDPOR Orbito-Zygomatic (OZ) implant is designed for reconstruction of the superior and lateral surfaces of the orbital roof.



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
81013	Left	33	38	0.80
81014	Right	33	38	0.80

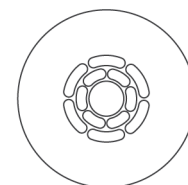
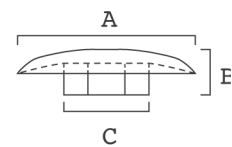


Burr hole covers

Burr hole covers are designed to fit into and over holes made by a cranial perforator. The superior flange is designed to cover any gaps between the cranial hole and the bone flap.



CAT#	Description	A (mm)	B (mm)	C (Thickness - mm)
7512	Burr hole cover	29	7	14



7512



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