stryker

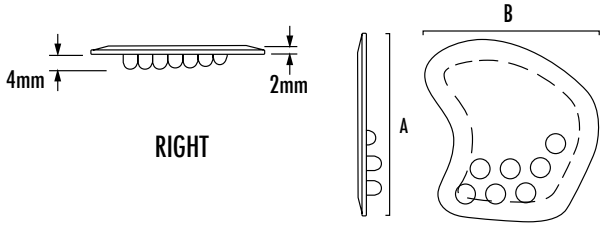
Craniomaxillofacial

MEDPOR® Pterional

Designed to correct temporal hollowing

MEDPOR® Pterional

- 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]
- Porous - May allow extensive vascular and soft tissue ingrowth, in addition to bone ingrowth at the implant-bone interface[3]
- Proven – Backed by over 350 clinical reports, MEDPOR's HDPE has a reduced chance of migration versus silicone, reduced change of resorption versus graft, and superior shaping and cutting versus hydroxyapatite[4]
- Pre-shaped – Three dimensional design requires minimal shaping, provides natural contour, and maintains shape and volume[1,2] The Pterional Implant is available in left and right versions
- Reliable – Demonstrated lower infection and displacement rates than silicone and hydroxyapatite

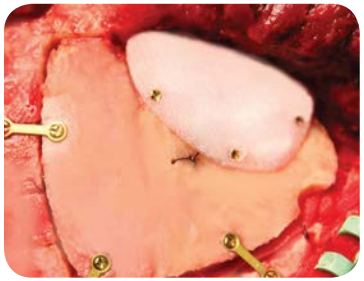


CAT#	DESCRIPTION	A	B	C
9864	MEDPOR Pterional , Right	44mm	43mm	6mm
9865	MEDPOR Pterional, Left	44mm	43mm	6mm


Pre-op


Pterional Implant placed


Post-op



Pterional Implant may be fixated with Stryker Universal screws and is placed deep to the temporalis muscle

1. Lacey, M., "Use of Porous High-Density Polyethylene Implants in Temporal Contour Reconstruction" The Journal of Craniofacial Surgery [April 1993]
2. Park, H.K., Dujovny, M., Diaz, F.G., Guthikonda, M., "Biomechanical Properties of High-Density Polyethylene for Pterional Prosthesis" Neurological Research [October 2002]
3. Liu J.K., Gottfried O.N., Cole C.D., Dougherty, W.R., Couldwell W.T., "MEDPOR Porous Polyethylene Implant for Cranioplasty and Skull Base Reconstruction" Neurosurgery Focus [April 2004]
4. MEDPOR Surgical Implant Material 510K, K83223

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