

MAYFIELD® Cranial Stabilization

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- Base Units and Adaptors
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**CRANIAL
STABILIZATION**

MAYFIELD® SKULL CLAMPS AND HEADREST SYSTEMS



A1114

MAYFIELD® Infinity Skull Clamp

Provides 3-point rigid cranial fixation.

- Added length and curved contours of the skull clamp uprights allow clamp to better interface with the horseshoe headrests of the Infinity Support System
- Multiple rocker arm options – Standard, Triad, Pediatric, Single-Pin
- 80-lb and 18-lb Torque Screw options



A1108

MAYFIELD Triad™ Skull Clamp

Provides 3-point rigid cranial fixation.

- Provides visual indication of clamping force on ALL THREE skull pins
- Ability to adjust the force on ALL THREE skull pins
- Equal impingement of pins ensures firm skull positioning and fixation



A1059

MAYFIELD® Modified Skull Clamp

Provides 3-point rigid cranial fixation.

- Flexibility and safety in positioning of skull pins around critical areas
- Quick-release lock enables easy removal

A1114A

- Standard Rocker Arm
- 80-lb Torque Screw



A2000

MAYFIELD® 2000 Skull Clamp

Provides 3-point rigid cranial fixation.

- Streamlined body design and low profile single-pin side facilitates greater exposure to the operative site
- Unique swivel rocker arm mechanism permits greater flexibility in patient positioning



A2114

MAYFIELD® Infinity XR2 Radiolucent Skull Clamp

Provides 3-point rigid cranial fixation.

- Composite carbon fiber provides strength, durability, and minimal artifact during Digital Subtraction Angiography (DSA)
- For use with MAYFIELD® Radiolucent Base Unit (A1079 or A2079)



A1008

MAYFIELD® General Purpose Headrest

Provides 3-point rigid cranial fixation.

- Added length and curved contours of the skull clamp uprights allow clamp to better interface with the horseshoe headrests of the Infinity Support System
- Multiple rocker arm options – Standard, Triad, Pediatric, Single-Pin
- 80-lb and 18-lb Torque Screw options

MAYFIELD® SKULL CLAMPS AND HEADREST SYSTEMS



A2010

MAYFIELD® Adult Radiolucent Horseshoe Headrest

Radiolucent material construction provides strength and durability with minimal artifact.

- Compliments the MAYFIELD® Radiolucent Headrest System by providing cranial support for adults and older children in either prone or supine positions
- Vertical and lateral adjustments allow for flexibility in patient positioning
- Adjustable pad base (faceplates) accommodates various head sizes
- Includes pulley rod attachment for skeletal traction (easily removed)
- Fluid Resistant Gel Pads provide comfort and reduction in the incidence of pressure necrosis



A2011

MAYFIELD® Pediatric Radiolucent Horseshoe Headrest

Radiolucent material construction provides strength and durability with minimal artifact.

- Provides cranial support in prone and supine position during procedures for infants and young children
- All the same features and benefits of the Adult Radiolucent Horseshoe Headrest (A2010) (except pulley rod attachment)



A1051

MAYFIELD® Pediatric Horseshoe Headrest

Horseshoe shaped headrest provides cranial support in the prone or supine position for infants and young children.

- Vertical and lateral adjustments allow flexibility in patient positioning
- Adjustable pad base accommodates various head sizes
- Fluid resistant gel pads provide comfort and reduce the incidence of pressure necrosis
- Easily cleaned



A1011

MAYFIELD® Adult Horseshoe Headrest

Horseshoe shaped headrest provides cranial support in the prone or supine position for adults and older children.

- Vertical and lateral adjustments allow flexibility in patient positioning
- Connects directly to the Transitional member for chin-to-chest positioning
- Adjustable pad base accommodates various head sizes
- Fluid resistant gel pads provide comfort and reduce the incidence of pressure necrosis
- Pulley rod attachment for skeletal traction



A1012

MAYFIELD® Adult Horseshoe Headrest

Horseshoe shaped headrest provides cranial support in the prone or supine position for adults and older children.

- Vertical and lateral adjustments allow flexibility in patient positioning
- Connects directly to the Transitional member for chin-to-chest positioning
- Adjustable pad base accommodates various head sizes
- Fluid resistant gel pads provide comfort and reduce the incidence of pressure necrosis
- Pulley rod attachment for skeletal traction



A1073

Papadopoulos Posterior Cervical Spine (PCS) Support

Provides 3-point rigid cranial fixation.

- Firm posterior cervical spine support for anterior approaches
- Ratcheting System allows for easy intraoperative cervical extension
- Base is radiolucent to facilitate intraoperative imaging

MAYFIELD® BASE UNITS AND ADAPTORS



A2009

MAYFIELD® Ultra 360™ Patient Positioning System

Support/mounting device that facilitates attachment of MAYFIELD® skull clamps and headrest systems to the OR table.

- Independent rotating and self-locking handles provide more fluid and flexible movement allowing better connection to the desired skull clamp position.
- More flexible with more degrees of freedom
- Set-up time is reduced because of the quick action handles
- Self-locking levers for added security



A2101

MAYFIELD® Ultra Base Unit

Support/Mounting device that facilitates attachment of MAYFIELD® Skull Clamps and Headrest Systems to the OR table.

- 33% more weight and force bearing capacity
- Specifically designed for use with the MAYFIELD® Tri-Star Swivel Adaptor (A2008)
- Patent pending



A1112

MAYFIELD® Infinity Support System

Provides multiple headrests for cranial support in the prone or supine position for pediatric patients and all ages.

- Attaches to any MAYFIELD® Base Unit
- Provides a method of simultaneous application of a head support and skull clamp (ages 5+) for added stability of the patient's head
- Adult, Pediatric, and General Purpose Headrests standard with the Infinity System



A1113

MAYFIELD® NeuroGen Adaptor

Support/Mounting device that allows attachment of base units to the OR table when receptacle holes are absent or inappropriate.

- Easily attaches to OR table side rails
- Quick, adjustable end bracket to fit a wide range of table widths
- Provides greater lateral adjustment with multiple mounting holes for base unit attachment
- A1113 replaces A1031A and A1031B NeuroGen models



A2079

MAYFIELD® Infinity XR2 Radiolucent Base Unit

Radiolucent Support/Mounting device that facilitates attachment of the MAYFIELD® Radiolucent Skull Clamp (A2114 or A2002) to the OR table.

- Excellent for procedures using Digital Subtraction Angiography (DSA)
- Composite carbon fiber allows target visualization during fluorography imaging



A1015

MAYFIELD® Crossbar Adaptor

- For seated position procedures, easily mounts to the OR table side rails to adapt all MAYFIELD® Skull Clamps for posterior fossa craniotomy procedures or posterior cervical laminectomies
- Allows for unobstructed viewing to the posterior cervical spine and occipital areas
- Compatible with most currently available OR tables

MAYFIELD® BASE UNITS AND ADAPTORS



A1060

MAYFIELD® Universal Side Rail Fitting

- For attaching the MAYFIELD® Crossbar Adaptor (A1015) and other products to the OR table
- Compatible with most currently available OR tables



A1018

MAYFIELD® Swivel Adaptor

Attaches to MAYFIELD® Base Unit (except A2009) to provide optimal flexibility in positioning via 360-degree rotation

- Adapts headrests and skull clamps to MAYFIELD® Base Units



A2008

MAYFIELD® Tri-Star Swivel Adaptor

Attaches to MAYFIELD® Ultra Base Unit (A-2101) to provide optimal flexibility in positioning via 360-degree rotation. (Tri-Star must be used with the Ultra Base Unit or a MAYFIELD® Base Unit upgraded to include the Ultra locking handle.)

- Provides two additional starbursts to facilitate attachment of ancillary components such as Image Guided Surgery (IGS) dynamic reference frames and articulating arms
- Starburst can rotate 360-degrees independent of skull clamp
- Adapts headrests and skull clamps to MAYFIELD® Base Units
- Patent pending



A1064

MAYFIELD® Ball Socket Swivel Adaptor

Attaches to MAYFIELD® Base Unit (except A2009) to provide optimal flexibility in positioning via 360-degree rotation with tilt in any axis.

- Unique locking pivot permits precise patient positioning
- Exclusive spring-loaded mechanism provides assured stability and secure lock
- Adapts headrests and skull clamps to MAYFIELD® Base Units

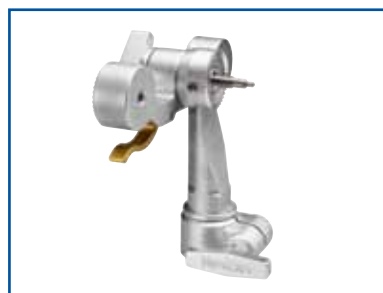


A1115

MAYFIELD® Modified Swivel Adaptor

Attaches to MAYFIELD® Base units (except for the A2009) to provide optimal flexibility in positioning via 360-degree rotation.

- Spring-loaded pin contacts ratchet arm of skull clamp to minimize movement of the skull clamp components



A1116

MAYFIELD® Modified Tri-Star Swivel Adaptor

Attaches to MAYFIELD® Base units (except for the A2009) to provide optimal flexibility in positioning via 360-degree rotation.

- Spring-loaded pin contacts ratchet arm of skull clamp to minimize movement of the skull clamp components
- Ideal for use with Image-Guided surgery (IGS) procedures with additional starbursts for ancillary IGS components

MAYFIELD® RADIOLUCENT SYSTEMS



A1111

MAYFIELD® Infinity XR2 Radiolucent Tri-Star Swivel Adaptor

Completes the MAYFIELD® Radiolucent Headrest System by providing two additional starbursts for Image Guided Surgery (IGS) procedures where Digital Subtraction Angiography (DSA) is utilized.

- MAYFIELD® Radiolucent Skull Clamp (A2002 or A2114) can be independently positioned and locked in place while using the MAYFIELD® Radiolucent Tri-Star Swivel Adaptor
- Independent dual starburst bar provides the ability to rotate the starbursts 360-degrees for optimal placement



A1096

MAYFIELD® Halo Radiolucent Retractor System

Attaches to MAYFIELD® Skull Clamps. Provides a sturdy platform for retraction and a ready support or hand rest for the surgeon.

- Radiolucent components allow the system to remain in place during intraoperative imaging for optimal efficiency
- Compatible with the MAYFIELD® Radiolucent Headrest System (A2004)
- Patent pending



A1040

MAYFIELD® Halo Retractor System

Attaches to MAYFIELD® Skull Clamps or to the side rails of the OR table to provide a sturdy platform for retraction and a ready support or hand rest for the surgeon.

- Double-Hinged ContinuTrac™ halo ring provides 360-degrees of uninterrupted retractor arm placement for ultimate flexibility
- Low profile design allows for ease of instrument passage within the surgical field



A1118

MAYFIELD® Cranial Stabilization Covers

Non-sterile, disposable equipment covers designed to protect your MAYFIELD® Systems

- Reduce cleaning time
- Protect critical components
- Quick, easy set-up and removal



A1023

MAYFIELD® Instrument Wall Storage Unit

Wall board used to organize and store MAYFIELD® products.

- Printed silhouettes allow quick and easy storage



MAYFIELD® SKULL PINS



A1072

MAYFIELD® Adult Disposable Skull Pins

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Patented “Wings” design of the pin body improves the fit into receptacle holes of all MAYFIELD® Skull Clamps
- Unique finger grooves molded into the pin body facilitate sure grip and easy removal from pin holders



A1120

MAYFIELD® Adult Disposable Titanium Skull Pin

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Designed and tested for use in MR systems up to 3.0 Tesla (T)*
- Coated in Titanium Nitride to provide a distinctive gold color
- Patented “Wings” design of the pin body improves the fit into receptacle holes of all MAYFIELD® Skull Clamps



A1119

MAYFIELD® Child Disposable Titanium Skull Pin

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Designed and tested for use in MR systems up to 3.0 Tesla (T)*
- Coated in Titanium Nitride to provide a distinctive gold color
- Patented “Wings” design of the pin body improves the fit into receptacle holes of all MAYFIELD® Skull Clamps
- Pinpoint reduced to control penetration



A2020

MAYFIELD® Radiolucent Skull Pins

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Engineered from synthetic Sapphire material to significantly reduce or limit artifact during CT and MR imaging
- Patented “Wings” design of the pin body improves the fit into receptacle holes of all MAYFIELD® Skull Clamps
- Unique finger grooves molded into the pin body facilitate sure grip and easy removal from pin holders



A1121

MAYFIELD® Adult Reusable Titanium Skull Pin

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Designed and tested for use in MR systems up to 3.0 Tesla (T)*
- Coated in Titanium Nitride to provide a distinctive gold color
- Sold individually, non-sterile
- Black O-ring designates it as a reusable skull pin



A1122

MAYFIELD® Child Reusable Titanium Skull Pin

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Designed and tested for use in MR systems up to 3.0 Tesla (T)*
- Coated in Titanium Nitride to provide a distinctive gold color
- Sold individually, non-sterile
- Black O-ring designates it as a reusable skull pin

* These skull pins are MR conditioned according to terminology specified in the American Society for Testing and Materials (ASTM) International Designation: F2503-05. See Product Indications for Use for conditions.

MAYFIELD® SKULL CLAMPS AND HEADREST SYSTEMS



A1083

MAYFIELD® Adult Disposable Skull Pins (Steel)

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Red O-ring connotes a disposable product; ensures a secure fit



A1084

MAYFIELD® Child Disposable Skull Pins (Steel)

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Pinpoint reduced to control penetration
- Red O-ring connotes a disposable product; ensures a secure fit



A1110

MAYFIELD® Horseshoe Conversion Adaptor w/Knobs

Allows an A1012 to attach to standard Transition Members

- Provides the means of obtaining chin-to-chest positioning



A1047

MAYFIELD® Adult Reusable Skull Pins (Steel)

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Black O-ring connotes a reusable product; ensures a secure fit



A1048

MAYFIELD® Child Reusable Skull Pins (Steel)

Fit all MAYFIELD® Skull Clamps to allow rigid cranial fixation.

- Pinpoint reduced to control penetration
- Black O-ring connotes a reusable product; ensures a secure fit



A1109

MAYFIELD® Horseshoe Conversion Adaptor

Allows an A1011 Horseshoe Headrest to attach to A1018, A1064 & A2008 Adaptors.



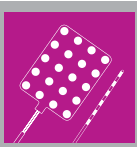
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