MAYFIELD® Cranial Stabilization

PRODUCT INDEX

Skull Clamps and Headrest Systems
Base Units and Adaptors
Brain Retractor Systems
MAYFIELD® SKULL CLAMPS AND HEADREST SYSTEMS

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

MAYFIELD® General Purpose Headrest
Provides 3-point rigid cranial fixation.
- Flexibility and safety in positioning of skull pins around critical areas
- Quick-release lock enables easy removal

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

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)

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

A1114
MAYFIELD® Infinity Skull Clamp

A1108
MAYFIELD Triad™ Skull Clamp

A1059
MAYFIELD® Modified Skull Clamp

A1114A
- Standard Rocker Arm
- 80-lb Torque Screw

A2000
MAYFIELD® 2000 Skull Clamp

A2114
MAYFIELD® Infinity XR2 Radiolucent Skull Clamp

A1008
MAYFIELD® General Purpose Headrest

• 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

• 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

• Standard Rocker Arm
• 80-lb Torque Screw

• 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

• 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

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 accommodate various head sizes
- Includes pulley rod attachment for skeletal traction (easily removed)
- Fluid Resistant Gel Pads provide comfort and reduce the incidence of pressure necrosis

MAYFIELD® Pediatric Radiolucent Horseshoe Headrest
- 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)

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

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

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

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

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

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

MAYFIELD® Infinity Support System
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

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® 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

MAYFIELD® Infinity XR2 Radiolucent Base Unit
- 33% more weight and force bearing capacity
- Specifically designed for use with the MAYFIELD® Tri-Star Swivel Adaptor (A2008)
- Patent pending

MAYFIELD® Infinity XR2 Radiolucent Base Unit
- 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

MAYFIELD® Infinity XR2 Radiolucent Base Unit
- Composite carbon fiber allows target visualization during fluorography imaging

MAYFIELD® Infinity XR2 Radiolucent Base Unit
- 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
MAYFIELD® BASE UNITS AND ADAPTORs

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

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

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

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

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

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
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

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

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

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

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

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

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

MAYFIELD® Horseshoe Conversion Adaptor w/ Knobs
Allows an A1012 to attach to standard Transition Members
- Provides the means of obtaining chin-to-chest positioning

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

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

MAYFIELD® Horseshoe Conversion Adaptor
Allows an A1011 Horseshoe Headrest to attach to A1018, A1064 & A2008 Adaptors.

Operate with Confidence™

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