MAYFIELD® Cranial Stabilization

BASE UNITS AND ADAPTORS

- MAYFIELD® Ultra 360 PPS
- MAYFIELD® Infinity XR2 Radiolucent Products
- MAYFIELD® Ultra Base Unit

CRANIAL STABILIZATION

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A support/mounting device that facilitates attachment of MAYFIELD skull clamp 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
- Two double-cam action locking handles for easier opening and closing for secure, quick fixation
- Set-up time is reduced because of the quick action handles
- More flexible movement with added rotation for degrees of freedom
- Self-locking levers for added security
- Patent pending

Ultra 360 System shown in the reversed position
- Allows for reverse positioning of the unit to the OR table providing added reach for surgical positions where additional height is needed.
The Ultra 360 System comes with both the standard Swivel Adaptor for most surgical procedures and the Tri-Star Swivel Adaptor for meeting the needs of Image-guided surgery procedures.

Both of the locking handles are equipped with self-locking latches for added security.

Handles in unlocked position:
- When opened, the locking handles stay in the open position to allow for free rotation and positioning.
Enhance patient safety with increased Base Unit strength.

- Improved MAYFIELD® Ultra Base Unit provides increased weight and force bearing capacity (33% More!) for improved patient safety as more components are added to the MAYFIELD® Headrest System with image-guided surgery (IGS) procedures
- Extended base tube (15 1/4") provides clinician greater flexibility in lateral patient positioning
- Adjustable width of end brackets (6 3/4” to 8 1/4”) allows adapting to most OR tables

- Isolation sleeves on end brackets protect patient against stray electrical current
- Designed for use with the MAYFIELD® Tri-Star Swivel Adaptor (A2008)
- Upgrades are available for your current MAYFIELD® Base Unit(s): A2001, A1002, A1001, or A1000
- Patent pending

When OR table receptacle holes are absent or inappropriate, the MAYFIELD® NeuroGen Adaptor can be used.

- Fits a wide variety of table widths ranging from 21.375” to 24.5”
- 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
MAYFIELD® BASE UNITS AND ADAPTORs

Base Unit shown with MAYFIELD® Swivel Horseshoe Headrest (A1012) and Ball Socket Swivel Adaptor (A1064).

* Posterior Cervical Spine (PCS) support (A1073)

• Double-cam action handle is easier to open and close for secure and quick positioning
• Ergonomically designed handle provides added comfort to user. Color-coded for easy and convenient identification as the Ultra Base Unit (A2101)

Base Unit shown with* MAYFIELD® Adult Swivel Horseshoe Headrest (A1012) and Ball Socket Swivel Adaptor (A1064).

Provides rigid cranial fixation as more and more ancillary IGS related components are added to the MAYFIELD® Headrest System.
MAYFIELD® XR2 RADIOLUCENT BASE UNIT

Maximum Rigidity, Easy Positioning, Wide Imaging Window

- Excellent Rigidity for procedures using x-ray imaging, including Digital Subtraction Angiography (DSA)
- Set-up and positioning is easy with the simplified linkage components that are secured by color-coded dual-action knobs, saving operating room time
  - New linkage components provide twice the rigidity from previous base units
- Knobs have finger recesses to easily spin the knobs tight or loosen for removal
- Fewer knobs to lock reduces positioning time for added convenience
- Horizontal bar provides a wide imaging window - full, side-to-side lateral positioning (21.5 inches/54.6cm)

XR2 Base Unit (A2079)

MAYFIELD® Swivel Adaptor (A1018)
Rotational flexibility.
- Provides 360-degree rotational positioning of the MAYFIELD® Headrest System
- Adapts major headrests and skull clamps to MAYFIELD® Base Units

MAYFIELD® Ball Socket Swivel Adaptor (A1064)
Pivoting and rotational flexibility.
- Unique locking pivot permits precise patient positioning
- Exclusive spring-loaded mechanism provides assured stability and secure lock
- Telescoping handle for easy access for tightening and loosening
MAYFIELD® BASE UNITS AND ADAPTORS

MAYFIELD® Tri-Star Swivel Adaptor (A2008)

Provides two additional starbursts to facilitate attachment of ancillary components such as image-guided dynamic reference frames and articulating arms.

- Independent gold-colored lock lever provides the ability to rotate the starbursts 360-degrees for optimal positioning
- Important: The MAYFIELD® Ultra Base Unit (A2101) is required when using the MAYFIELD® Tri-Star. The locking levers on both are gold-colored for easy and convenient matching
- MAYFIELD® Skull Clamps can be independently positioned and locked in place while using the MAYFIELD® Tri-Star Swivel Adaptor (A2008)
- Patent pending

Tri-Star starbursts rotate 360-degrees for optimal positioning.

Tri-Star is easily disassembled for cleaning.
MAYFIELD® MODIFIED SWIVEL ADAPTORS

MAYFIELD Modified Swivel Adaptor (A1115)
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 Modified Tri-Star Swivel Adaptor (A1116)
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