MAYFIELD® Cranial Stabilization

INFINITY SUPPORT SYSTEM

Infinity Support System for improved patient positioning
Infinity Skull Clamp System
Infinity Skull Clamp

INTEGRA™ NeuroSciences
**MAYFIELD® INFINITY SUPPORT SYSTEM**

**MAYFIELD® INFINITY SUPPORT SYSTEM (A1112)**

- The MAYFIELD Infinity Support System provides greatly improved patient positioning of ALL pediatric age groups.
- The Infinity Support System easily attaches to any MAYFIELD Base Unit to provide excellent head support (adult, pediatric or general purpose).
- The Infinity head supports can be positioned close to the OR table, important for patients with short neck lengths.
- With the patients head supported, the Infinity System creates a method for the simultaneous application of a skull clamp (patient ages 5+). This is especially important for patients who require a low clamping force to stabilize the position of the head, such as pediatric patients (ages 5+) and trauma patients.

**MAYFIELD® INFINITY COUPLER (419B1010)**

- Coupler easily mounts to any MAYFIELD Base Unit.
- Head supports can be adjusted vertically and laterally for flexibility in patient positioning, then securely locked in place.
- Position of head support can be tilted on ball socket joint and locked in place.
Standard MAYFIELD Skull Clamp performance....with multifunctional options!

The MAYFIELD Infinity Skull Clamp System (A1114) is designed to provide multifunctional options for cranial stabilization and fixation. Trusted MAYFIELD features have been included in a new skull clamp engineered for use with the Infinity Support System as well as general applications for Neurosurgical procedures.

- Added length and curved contours of the skull clamp uprights allow the clamp to better interface with the Horseshoe Headrests of the Infinity Support System providing a lower profile fixation with the ability to tuck in beneath the Headrests.
- Swivel rocker arm rotates 360-degrees under full pressure of applied force.
- Quick-release lock enables easy removal.
- Sturdy locking mechanism ensures precise patient positioning.
- Compatibility with the full line of MAYFIELD products optimizes versatility and product use.
- Available as A1114A with standard rocker arm and 80lbs torque screw

Skull clamp shown with:
- 80-lb Torque Screw
- Standard Adult Rocker Arm
- Infinity Support System
Multiple, quick-change, snap-in rocker arm options provide the ability to match the stabilization points to the size of the patient’s head for optimal fixation and surgical access. No tools are needed to change rocker arms.

- **80-lb Torque Screw**
- **Standard Adult Rocker Arm**
- **Infinity Support System**

Multiple, quick-change, snap-in rocker arm options provide the ability to match the stabilization points to the size of the patient’s head for optimal fixation and surgical access. No tools are needed to change rocker arms.

- **Triad Rocker Arm**
  - Provides visual indication of clamping force of the two pins on the rocker arm. Also have the ability to adjust clamping force on each pin. Set-up is repeatable, making training of the application of skull clamps easier.

- **Standard Adult Rocker Arm**
  - The same two-pin rocker that is provided with the standard MAYFIELD skull clamp.

- **Child’s Rocker Arm**
  - Rocker Arm configured for smaller size patient skulls.

- **Single Pin Accessory**
  - Provides a directly opposing point of stabilization with the pin in the Torque Screw. Flexibility in positioning of pins around critical areas and the surgical site.

Two Torque Screw options to assist in providing the desired amount of pressure for the patient and the procedure. Along with the standard MAYFIELD 80-lb Torque Screw, a reduced load 18-lb Torque Screw is provided for procedures where lower, more controlled pressure and less penetration of the pins is desired. *(Note: The reduced load Torque Screw should always be used in conjunction with a horseshoe headrest or other form of primary patient head support.)*

The Infinity Skull Clamp System is supplied with a sturdy, compartmentalized case for safe and easy storage and ready access.
MAYFIELD® INFINITY SUPPORT SYSTEM

Each of the three head supports are interchangeable on the Infinity Coupler

MAYFIELD® Infinity Adult Horseshoe (419A1031)
- Provides cranial support for adults and older children in either prone or supine positions
- Adjustable pad base (faceplates) accommodates various head sizes
- Fluid resistant gel pads provided for comfort and reduction in the incidence of pressure necrosis
- Easily cleaned

MAYFIELD® Infinity Pediatric Horseshoe (419A1030)
- Provides cranial support in either prone or supine positions for infants and young children
- Same benefits of the Infinity Adult Horseshoe (419A1031)

MAYFIELD® Infinity General Purpose Headrest (419A1050)
- Provides cranial support in either supine or semi-sitting procedures
- Mini gel pads can be positioned in multiple receptacles and can be tilted on their hinges
- Mini gel pads can be used in all MAYFIELD skull clamp pin carriers for pin-less stabilization
MAYFIELD® INFINITY SUPPORT SYSTEM AND ACCESSORIES

**MAYFIELD® Infinity Support System (A1112) includes:**

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<thead>
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<tr>
<td>Infinity Support Coupler</td>
<td>419B1010</td>
<td>1 each</td>
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<tr>
<td>Horseshoe – Pediatric</td>
<td>419A1030</td>
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<td>Horseshoe – Adult</td>
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<td>Horseshoe – General Purpose</td>
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<tr>
<td>Mini Gel Pad</td>
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<td>Storage Case (not pictured)</td>
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Any of the above components may be ordered separately.

**MAYFIELD® Infinity Skull Clamp System (A1114) includes:**

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<td>Adult Rocker Arm</td>
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<td>Rocker Arm</td>
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<td>Single Pin Accessory</td>
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<td>Reduced Load 18-lb Torque Screw</td>
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<td>80-lb Torque Screw</td>
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<td>Adjustment Wrench</td>
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**Replacement Gel Pads:**

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<td>Adult – Right</td>
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<tr>
<td>Mini (for General Purpose or use with skull clamps)</td>
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