

MAYFIELD® Cranial Stabilization

INFINITY SUPPORT SYSTEM



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

**CRANIAL
STABILIZATION**

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.



Infinity Support System shown with the Ultra Base Unit (A2101)

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.



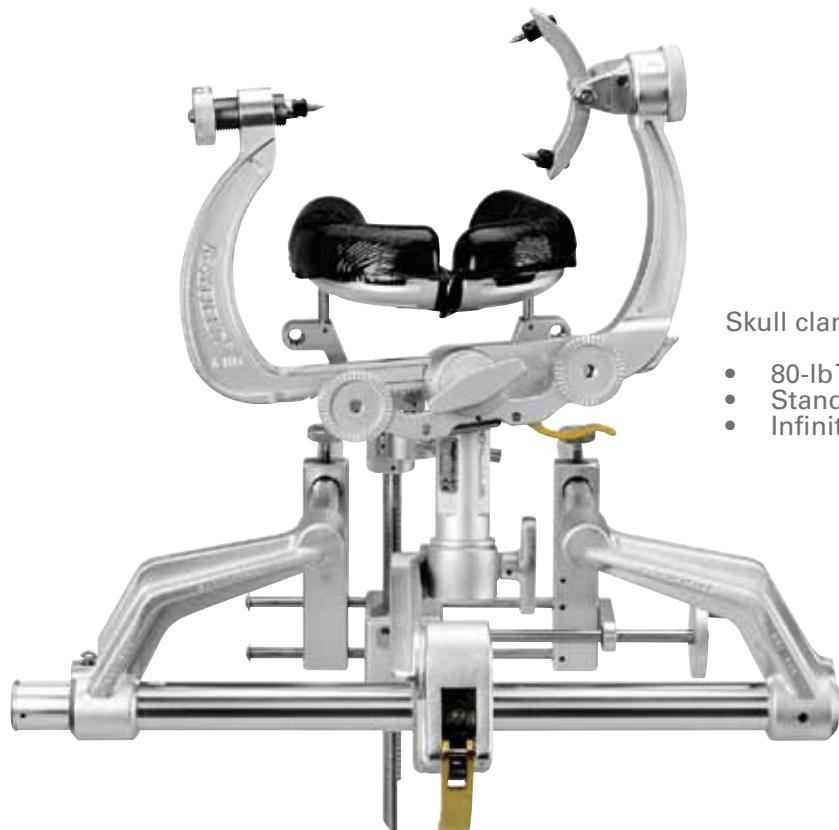
MAYFIELD® INFINITY SKULL CLAMP SYSTEM

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

MAYFIELD® INFINITY SKULL CLAMP 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.)



**80-lb Torque
Screw**



**18-lb Torque
Screw**



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:

Component	Catalog #	Quantity
Infinity Support Coupler	419B1010	1 each
Horseshoe – Pediatric	419A1030	1 each
Horseshoe – Adult	419A1031	1 each
Horseshoe – General Purpose	419A1050	1 each
Mini Gel Pad	419A1048	2 each
Storage Case (not pictured)	419A1060	1 each

Any of the above components may be ordered separately.

MAYFIELD® Infinity Skull Clamp System (A1114) includes:

Component	Catalog #	Quantity
Infinity Skull Clamp	40A1114	1 each
Adult Rocker Arm	419B1204	1 each
Child's Rocker Arm	419B1205	1 each
Rocker Arm	419B1206	1 each
Single Pin Accessory	419A1207	1 each
Reduced Load 18-lb Torque Screw	419A1208	1 each
80-lb Torque Screw	419A1209	1 each
Adjustment Wrench	41A1482	1 each
Storage Case	419A1250	1 each

Replacement Gel Pads:

Component	Catalog #	Quantity
Pediatric – Left	440C1011	1 each
Pediatric – Right	440C1012	1 each
Adult – Left	41C1444	1 each
Adult – Right	41C1445	1 each
Mini (for General Purpose or use with skull clamps)	419A1048	1 each



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Integra LifeSciences Corporation
 311 Enterprise Drive • Plainsboro, NJ 08536
 Customer Service USA and Canada: 800.997.4868
 609.936.5400 (Outside USA) • 888.980.7742 (Fax)
 www.Integra-LS.com

Product Information
 Integra LifeSciences Corporation
 4900 Charlemer Drive, Bldg.A • Cincinnati, OH 45227
 877.444.1114 • 513.533.7979 • 513.271.1915 (Fax)
 www.Integra-LS.com

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