MAYFIELD®2 System

Next Generation of Cranial Stabilization

MAYFIELD®2 System

MATERIALS

- **Cast aluminium**

  ⇒ **Powder coated for durability and endurance** with high temperatures and harsh detergents.

- **Stainless Steel**

  ⇒ **Rigidity and endurance**

- **PEEK material Molded of composite glass infused**

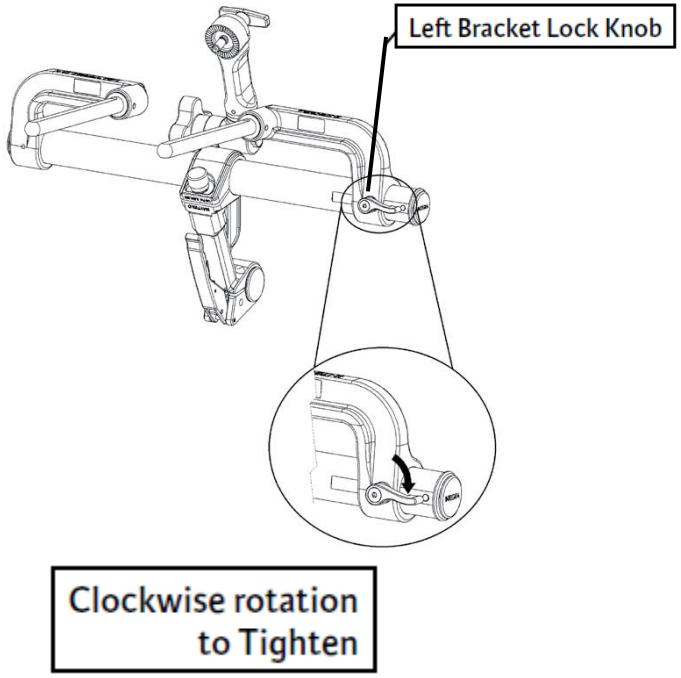
  ⇒ **Rigidity, durability and endurance** against high temperatures and harsh cleaning agents

MAYFIELD® 2 System / Base Unit

Ease of use

Support rods' adjustments

- ✓ Left Bracket may be adjusted along the Connecting Tube to allow the Support Rod to accommodate table receptacles spaced 5-1/8" to 8-1/4" (130mm to 209.5mm) apart.



MAYFIELD®2 System / Base Unit

Precision

❖ Safety

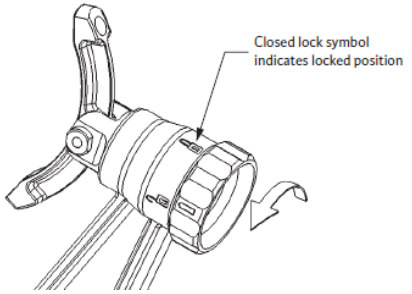
⇒ Self locking lever provides **added locking mechanism when the system is locked in place.**

Self locking lever ⟶

MAYFIELD®2 System / SET UP

STEP 3: Skull clamp application* *(Neurosurgeons only)*

1 **Unlock the Index Locking Knob** so the rocker arm can rotate freely 360 degrees.



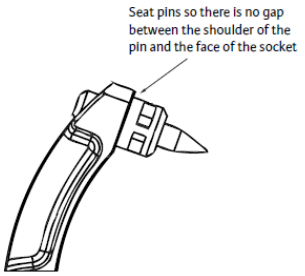
2 **Rotate the rocker arm into the desired position**

Perpendicular to the floor => prone or supine positions.

Parallel to the floor => sitting position

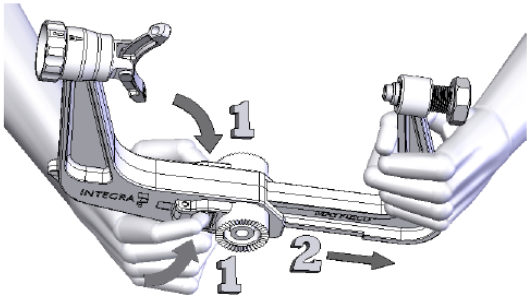
3 **Mounting of MAYFIELD Skull Pins**

Use MAYFIELD brand Skull Pins



4 **Disengaging Ratchet Extension**

Depress both of the Release Buttons on the body-portion of the Skull Clamp to disengage the Ratchet Extension and slide the two halves of the clamp to allow placement around the patient's head.



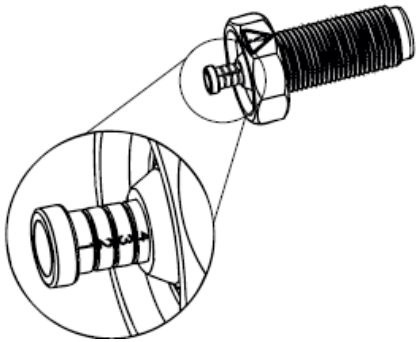
MAYFIELD®2 System / SET UP

STEP 3: Skull clamp application* *(Neurosurgeons only)*

5 **Position the 2-pin rocker arm** so the skull pins are equidistant from a center line of the head.

6 **Seat the skull pins securely into the cranial table.**
Skull pins should enter the scalp at a 90-degree angle, perpendicular to the surface of the head.

7 **The Torque Screw force gauge provides the surgeon with a visual display of the clamping force value.**
Each line on the gauge is 20 lbs or 89 N (~9 kg)



Torque Screw Line Indicator		Clamping force
1	=	20 lbs. (9 kg)
2	=	40 lbs. (18,14kg)
3	=	60 lbs. (27kg)
4	=	80 lbs. (36 kg)

** Skull Clamp A3059 - Publication Number 451A3059 Rev F*

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