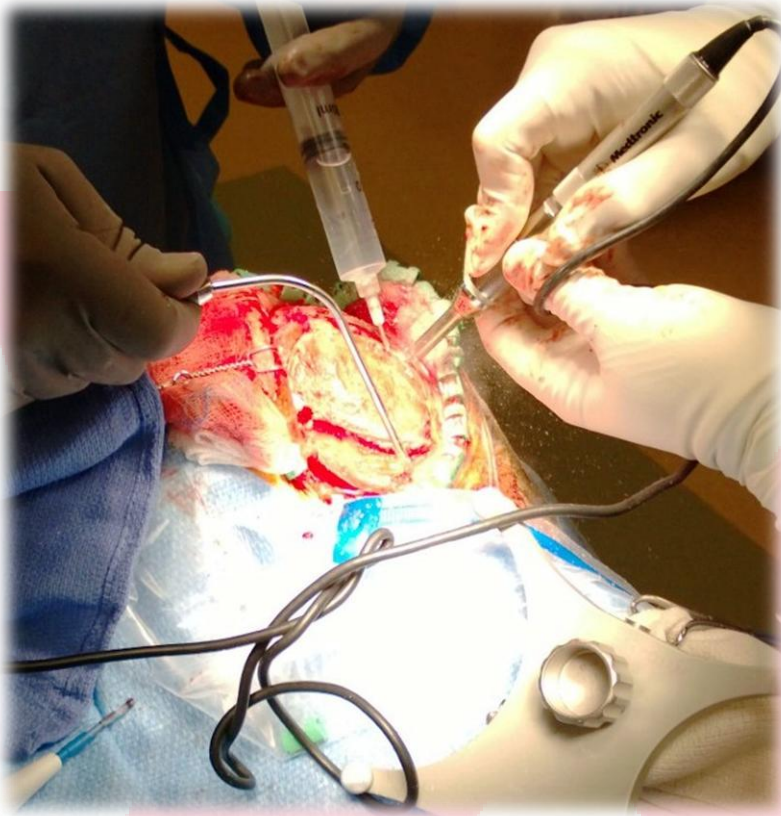


Craniotomy for resection of right frontal mass.



Benefits:

- Promotes reincorporation of a bony union as opposed to a fibrous union of the bone flap.
- Fills in the burr hole(s), reducing indentation, bother some to most patients in visible areas, such as frontal approach craniotomies. (Cosmesis).
- Strengthens the construct and fusion of the flap.
- Could decrease the incidence of CSF leakage between the bone flap and intact calvarium by packing the space.

Collection Stage:

- We used a 40mm cutting burr and a craniotome to remove the bone flap.
- Recommend using at least a 12 french frazier to collect bone and copius irrigation. The bone is generated quick. We had no issues collecting the bone in this case.

Surgical Applications:

- ✓ Adult Craniotomies (Tumor resection, reconstruction, Chiari w/ craniocervical instability, or any setting you turn a bone flap or generate a burr hole.)
- ✓ Pediatric Craniotomies (reconstruction, tumor resection, or any setting you turn a bone flap or generate a burr hole)
- ✓ Oromaxillofacial surgeons (Calvarial reconstruction, trauma)
- ✓ Any application, whereby bone is drilled away and fusion is indicated/ desired.

Craniotomy for resection of right frontal mass.

Hensler Bone Press – Cranial Application

Transfer and Press Stage – Step by Step



After collection, Remove collection top by unscrewing container.

Attach Press top to the full container of fluid and bone.

Attach Suction

**** Ensure suction is operational ****

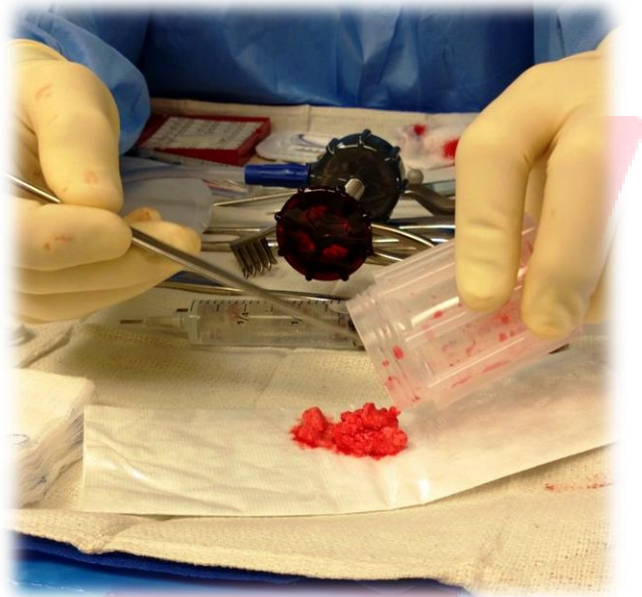
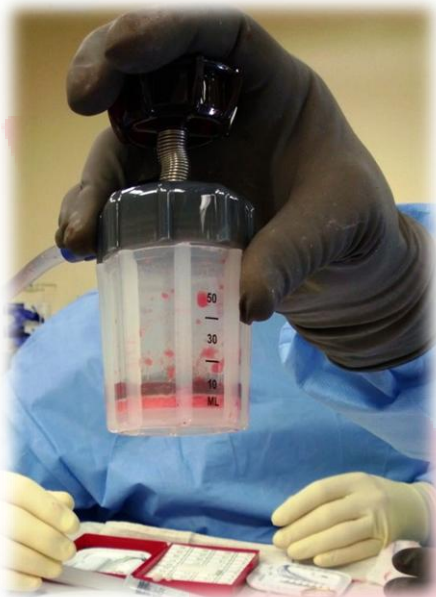


Press down for separation.

Once fully depressed, tilt the container to remove fluid toward the suction tubing/port.

Bone will be evident through the bottom of the container.

Craniotomy for resection of right frontal mass.



Bone after press:

- 10 cc of autologous bone was harvested from the one (1) collection turning the bone flap and burr holes.
- Graft was semi-dry and easily manipulated.
- Afforded for easy placement in filling the saw kerf and burr hole(s).
- Only 1 collection was required, which yielded plenty of bone for the application at the end of the case.



Craniotomy for resection of right frontal mass.



Final Product / Re-cap of
benefits:

- All 10 cc autograft used to fill the flap gaps and burr holes.
- No allograft used.
- Promotes reincorporation of a bony union as opposed to a fibrous union of the bone flap.
- Fills in the burr hole(s), reducing indentation, bother some to most patients in visible areas, such as frontal approach craniotomies. (Cosmesis).
- Strengthens the construct and fusion of the bone flap.

