

A craniotomy is a brain surgery where a doctor temporarily removes a piece of the skull (called a bone flap) to reach the brain, treats the medical problem, and then puts the bone piece back.

Medical Purposes

- Brain tumors: Removing abnormal growths or taking a tissue sample.
- Blood vessels: Fixing a weak bulging spot (aneurysm) or abnormal blood vessel paths.
- Bleeding and swelling: Clearing blood clots or lowering high pressure inside the head.

Procedure Steps

- Opening: Making a cut in the scalp and using special medical tools to lift out a section of bone.
- Treatment: Working carefully on the exposed brain area to fix the specific issue.
- Closure: Placing the bone flap back into its original spot and securing it using tiny metal plates and screws.