

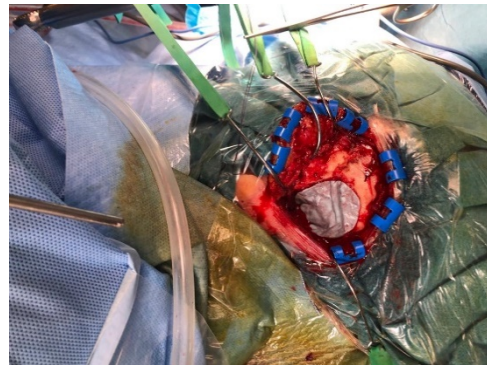
POLYGANICS

TRANSFORMING PATIENT RECOVERY

Dr. Francesco Zenga – Neurosurgeon at Molinette Central Hospital (Italy) on his experiences with LIQOSEAL®

On May 29th I had the pleasure of trying LIQOSEAL®. The surgical case in particular was an VIII nerve Schwannoma in an elderly woman which was accessible through a retro-sigmoidal approach. It was very important, considering the age of the patient, to achieve maximal safe decompression, reducing surgical time and post-operative risks and complications. After complete excision of the tumor, we proceed with closure. However, direct dura closure was not feasible due to a dura laceration during craniotomy and tissue retraction during surgery. Thus, we decided to use LIQOSEAL®.

Dura suspension and partial dura flap edges approach was obtained with non-reabsorbable stitches, we then applied the product directly on the dura itself. Cropping LIQOSEAL® was performed easily with just surgical scissors and was accurately placed over the dura edges. Water soaked cottonoids were then used to press LIQOSEAL® for approximately 2 minutes. After this step, it adhered to the dura edges and CSF pulsation was immediately appreciated. No leaks were observed. The craniotomic bone was re-applied and fixed with screws and plates. It seemed that the external pressure applied from the bone improved LIQOSEAL's coherence capability. The fascia flap, subcutaneous tissues and skin were then sutured back together. It has to be noted that no lumbar catheter for CSF drain was used. Post-operative course was uneventful. On the 10th and 20th day a wound check was carried out and the surgical flap was flat and no fluid collection was noted.



Overall LIQOSEAL® was easy to use and in this case and provided an optimal outcome.

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