

Suturing

see [Surgical suture](#).

[Microsuturing](#).

Simple interrupted stitch

[Simple interrupted stitch](#).

Needle parking technique

[Needle parking technique](#).

Continuous Interrupted Double Throw Suturing for Extracranial-Intracranial Bypass

Step 1 involves passing the needle of a 9-0 [polypropylene suture](#) from out-to-in on the donor vessel followed by in-to-out on the recipient vessel. Step 2: Before cutting and tying a knot as per the established method of suturing, repeat step 1 and leave the needle "parked", creating a loop that is then cut at its proximal end. Step 3: Tie knots using the jeweler's forceps. Repeat previous steps until there are enough throws to seal the bypass adequately.

This novel technique for interrupted STA-MCA bypass suturing that adds efficiency, safety, organization, and operative ease compared with the conventional method of interrupted vessel suturing ¹⁾

¹⁾

Krisht K, Orenday-Barraza JM, Saad H, Krisht AF. Continuous Interrupted Double Throw Suturing Method: A Novel Suturing Technique for Extracranial-Intracranial Bypass. World Neurosurg. 2021 Feb;146:113-117. doi: 10.1016/j.wneu.2020.10.167. Epub 2020 Nov 7. PMID: 33171321.

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