

Single loop interrupted suture

The ideal [suturing technique](#) for cerebrovascular [anastomosis](#) remains a point of debate. Although [simple interrupted stitch sutures](#) are considered to achieve higher [patency](#), they require longer anastomosis time compared with running sutures. Matsuo et al. described a novel [techniques](#) named [single loop interrupted suture](#) to place interrupted sutures for cerebrovascular anastomosis. The single loop interrupted suture technique consists of repeatedly placing, tying and cutting a single loop between anchor stitches. A single loose loop was placed next to the anchor stitch, tied and cut, and then another loop was placed next to the knot. The loops resulted in efficiently placed interrupted sutures. This technique is employed for a range of end-to-side cerebrovascular anastomosis procedures, and is feasible in placing interrupted suture ¹⁾.

¹⁾

Matsuo S, Amano T, Nakamizo A. Single loop interrupted suture technique for cerebrovascular anastomosis: Technical note. J Clin Neurosci. 2020 Feb;72:434-437. doi: 10.1016/j.jocn.2019.08.107. Epub 2019 Sep 4. PMID: 31493997.

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