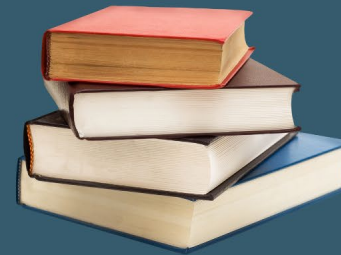


# A Systematic Review of Open Surgical Approaches for the Correction of Metopic Craniosynostosis

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## Objective

To evaluate surgical approaches to metopic synostosis with a focus on surgical techniques, cosmetic outcomes, and perioperative results.



## Methods

Literature review was performed in compliance with PRISMA protocol. Relevant articles with >5 patients were included.

## Results

31 studies met criteria, with 1,018 total patients. FOA was the most common technique, followed by unique renditions of FOA, and finally total calvarial remodeling.

There is significant variability and subjectivity in the evaluation of peri- and postoperative outcomes, specifically with regard to craniometric measurements and aesthetic results.

There is a need for greater Institutional standardization in reporting perioperative and aesthetic surgical outcomes in this patient population.

