

INPLASY

Evaluating Genioplasty Procedures: A Systematic Review and Roadmap for Future Investigations

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Dalmeijer, SWR; van Riet, TCT; Ho, JPTF; Becking, AG.

Corresponding author:

Sebastiaan W.R. Dalmeijer

s.w.dalmeijer@amsterdamumc.nl

Author Affiliation:

Amsterdam UMC.

ADMINISTRATIVE INFORMATION

Support - N/A.

Review Stage at time of this submission - Completed but not published.

Conflicts of interest - None declared.

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Amendments - This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 29 December 2024 and was last updated on 29 December 2024.

INTRODUCTION

Review question / Objective This systematic review is designed to offer a comprehensive overview of objective and subjective evaluations of genioplastic surgery. The aim of this review is to explore the existing knowledge gap and to deliver guidelines for future research.

Condition being studied Orthognathic surgery including genioplasty.

METHODS

Participant or population Patients undergoing orthognathic surgery, including genioplasty.

Intervention Genioplasty.

Comparator Objective and Subjective evaluation.

Study designs to be included Systematic Review.

Eligibility criteria Articles that describe orthognathic surgery, including genioplasty.

Information sources PubMed, Embase, APA PsycINFO (Ebsco), and Web of Science (Core Collection).

Main outcome(s) Indication for combined surgery; indication for solitary genioplasty; fixation technique per year; objective outcome parameters; surgical accuracy assessment; subjective outcome measurements; complications.

Quality assessment / Risk of bias analysis Screening by two independent reviewers and one referee.

Strategy of data synthesis Data extraction in Excel and statistical analysis of the data and visualization in different figures, tables, and charts.

Subgroup analysis N/A.

Sensitivity analysis N/A.

Language restriction English and Dutch.

Country(ies) involved The Netherlands.

Keywords genioplasty; orthognathic surgery;
patient outcome assessment; treatment outcome.

Contributions of each author

Author 1 - S.W.R. Dalmeijer.

Author 2 - T.C.T. van Riet.

Author 3 - J.P.T.F. Ho.

Author 4 - A.G. Becking.