INTRODUCTION

Review question / Objective: To estimate the clinical performance of short implants (4-5 mm) in the posterior mandible.

Condition being studied: Short implants (4-5 mm) in the posterior mandible.

METHODS

Participant or population: Residual bone height is not sufficient in the posterior mandible (RBH ≤ 7 mm).

Intervention: Patients received splinted short implants (4-5 mm) in the posterior mandible.
Comparator: Patients underwent the vertical bone augmentation and received splinted conventional implants (≥ 10 mm) after six months.

Study designs to be included: Randomized controlled trials.

Eligibility criteria: Human studies.

Information sources: PubMed, EMBASE, the Cochrane Library.

Main outcome(s): The outcome were the survival rate and the marginal bone loss.

Quality assessment / Risk of bias analysis: The Cochrane tool.

Strategy of data synthesis: Risk ratio and its 95% confidence.

Subgroup analysis: Implant length.

Sensibility analysis: Implant length.

Country(ies) involved: China.

Keywords: Dental implant; Short implant; Systematic review.

Contributions of each author: Author 1 - Zhezhen Lin.