

# Overview about Treatments for Facial Fractures

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## The Problem

- Facial fractures are one of the most common types of fractures.
- the best treatment for facial fractures is still controversial issue is deciding.

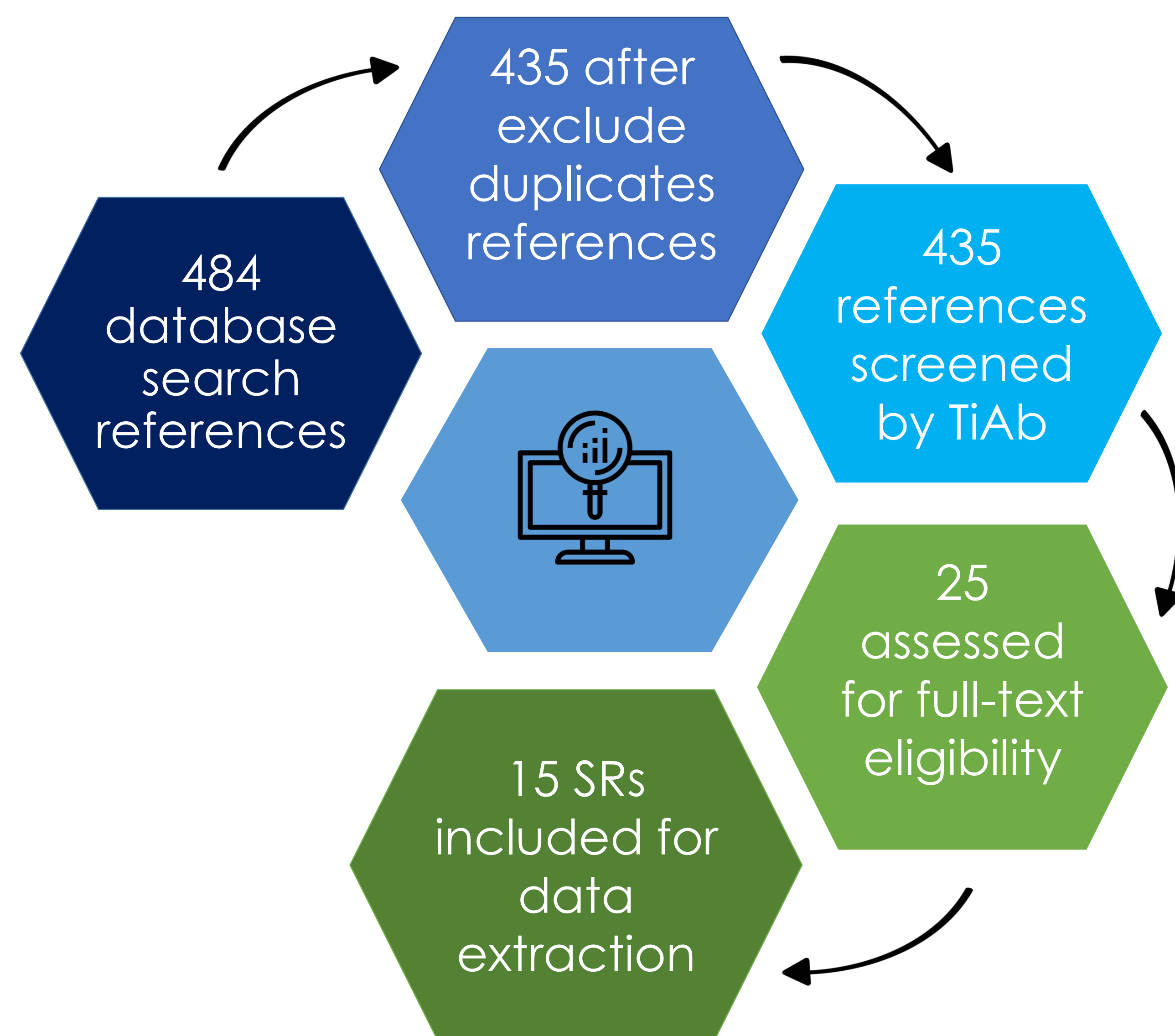
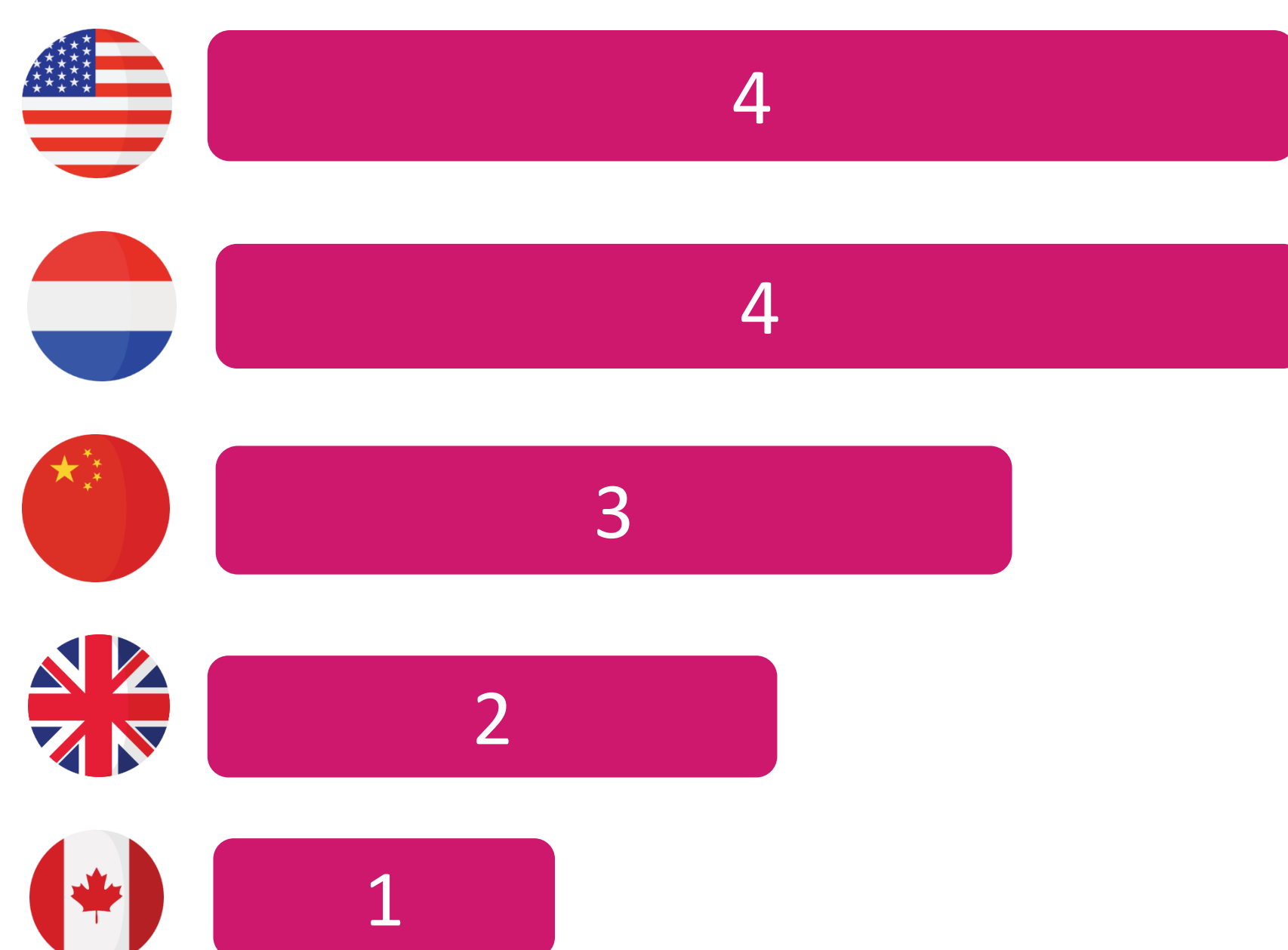
## Methods

- Search for Systematic Reviews (SRs).



- SRs in spanish, english and portuguese.
- Two reviewers screened references by title and Abstract (TiAb) and assessed for eligibility the full texts.
- Two reviewers extracted descriptive data and PICO questions.
- Two reviewers assessed the quality of the SRs using AMSTAR II tool.

## Results



Open treatment  
• 10 studies,  
• 30 PICOs

46 PICOs

Closed treatment  
• 1 study  
• 10 PICOs

Open vs Closed treatment  
• 4 studies, 6 PICOs

# Systematic Review	Population	Comparison	Outcomes	Results	AMSTAR II
6	Condylar fracture (Unilateral o bilateral)	Open vs Closed Treatment	• Maximal interincisal opening (MIO), opening mouth.	Mean different IV, Random, 95% CI, 1.65 (-0.24, 3.55)	5 - 8
3	Orbital Floor Fracture	Types of endoscopy • Transantral • Endonasal • Lateral antrostomy	• Diplopia and enophthalmos postoperative complications	Different outcomes	3 - 4
6	Mandibular Fracture (angle, ramus, symphysis, zygoma, maxilla, body, región)	Types of materials • Autogenous • Allogenic • Alloplastic  Biodegradable material vs Titanium • PLLA 70/PDLLA30 • PLLA/PLDA/TMC • PLLA (plates – screw) • SR-PLLA (screw) • Poly(L-lactide)	• Infection • Malunion • Stability • Pain • Restoration of fuction • Operative time	Different outcomes	4 - 14
		Different titanium implants • Plates • Screws • Miniplates			

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