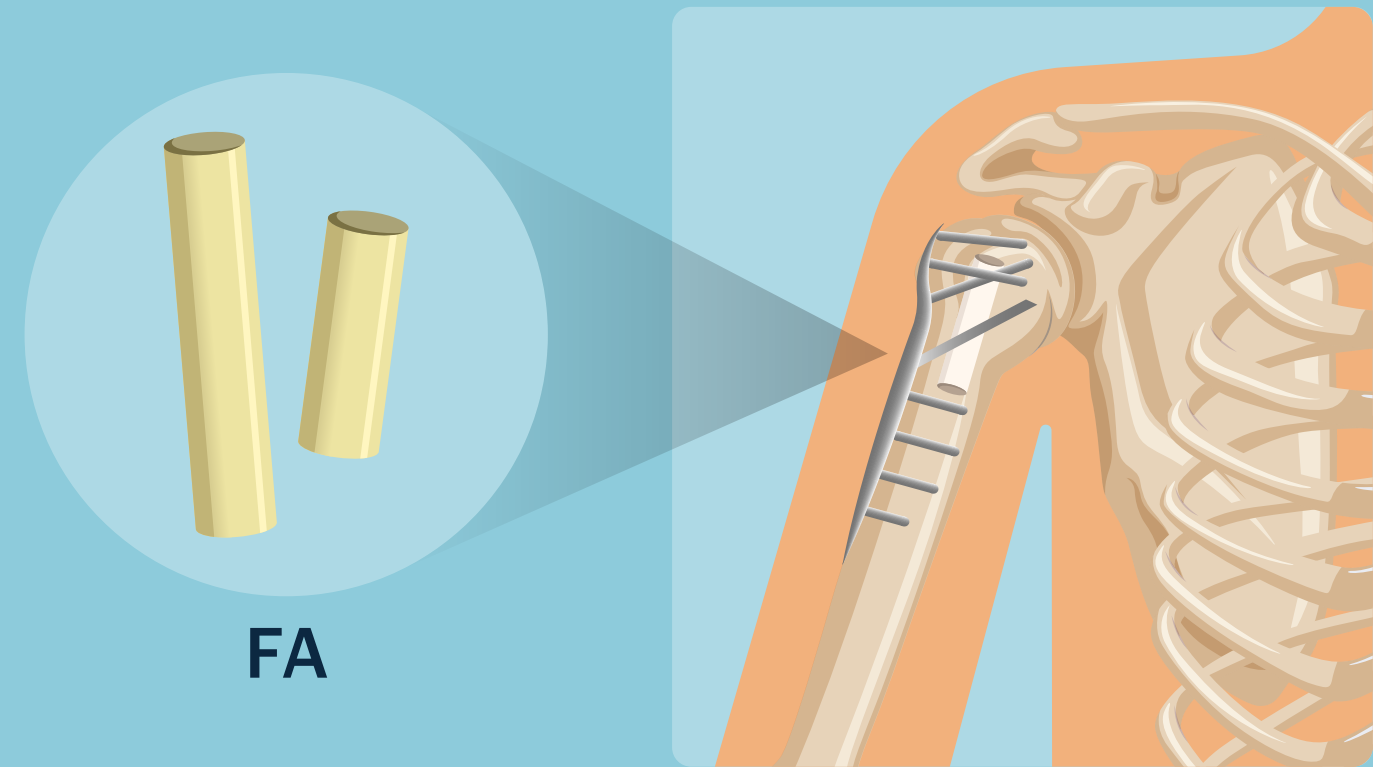


Effect of Fibular Allograft Augmentation on the Treatment of Proximal Humeral Fractures

Open reduction and internal fixation (ORIF) with a locking plate (LP) is a frequently used surgical treatment option for proximal humeral fractures



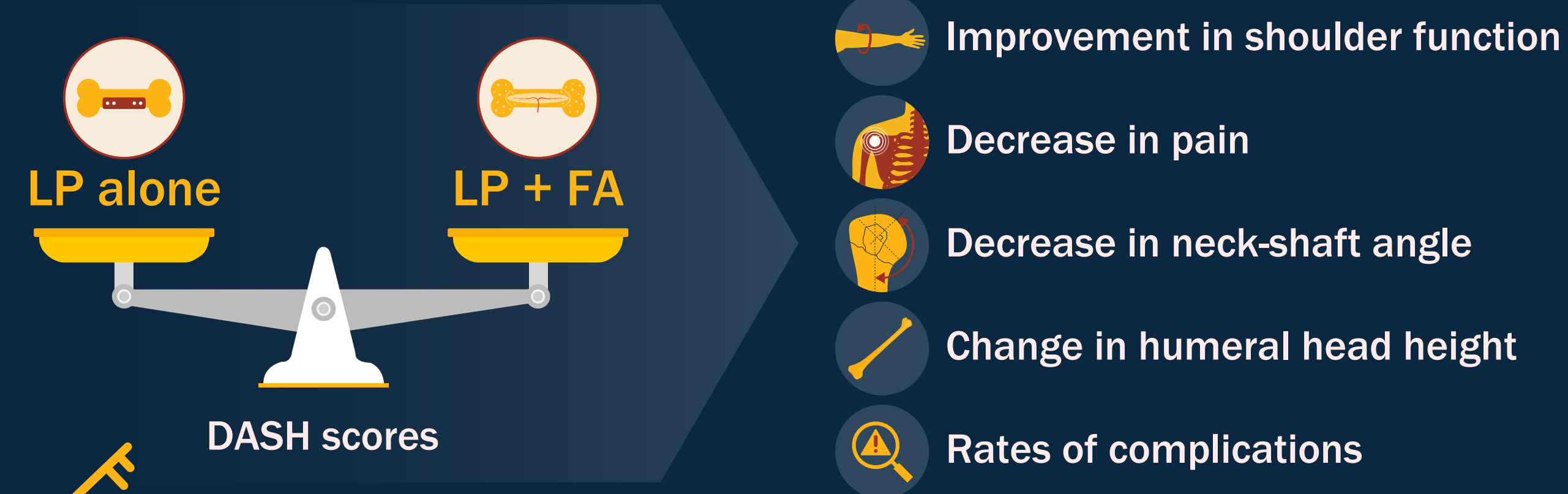
A fibular allograft (FA) provides medial support and may help to reduce complications and improve outcomes; however, its value in addition to the LP is not clear

Randomized controlled trial



Outcome measures

- Disabilities of the Arm, Shoulder and Hand (DASH) score
- Changes in neck-shaft angle and humeral head height
- Pain score
- Shoulder function
- Complications
- Satisfaction



No significant differences in outcomes across patients with or without FA augmentation

FA augmentation does not provide additional benefits in terms of clinical and radiographic outcomes compared with LP alone in patients with comminuted medial column proximal humeral fracture