

Supplementary Table 1. List of complications extracted from the studies included in this review.

Authors (year)	Complications (including recurrence)
Screwless scarf	
Leemrijse et al ¹⁵ (2012)	2 (13%) <ul style="list-style-type: none"> ○ 1 (6.5%) Recurrence ○ 1 (6.5%) Hallux varus
Curtin et al ¹⁶ (2016)	5 (3.4%) <ul style="list-style-type: none"> ○ 2 (1.4%) Loss of correction ○ 2 (1.4%) Pain ○ 1 (0.8%) Pulmonary embolism
Rouveyrol et al ¹⁷ (2020)	24 (25%) <ul style="list-style-type: none"> ○ 14 (15%) Transfer metatarsalgia ○ 3 (3.7%) Complex regional pain syndrome ○ 2 (2.5%) Recurrence ○ 2 (2.5%) Morton neuroma ○ 1 (1.2%) Stress fracture ○ 1 (1.2%) Superficial wound infection ○ 1 (1.2%) Non-union
Single-screw scarf	
Kristen et al ¹⁸ (2002)	7 (6%) <ul style="list-style-type: none"> ○ 7 (6%) Recurrence
De Vil et al ¹⁹ (2010)	2 (9%) <ul style="list-style-type: none"> ○ 1 (4.5%) CRPS 1 ○ 1 (4.5%) Superficial Wound Infection
Bocket al ²⁰ (2015)	38 (41%) <ul style="list-style-type: none"> ○ 29 (32%) Recurrence ○ 3 (3%) Transfer Metatarsalgia ○ 2 (2%) Hallux Varus ○ 2 (2%) Varus tilting MT head
Rajeev ²¹ (2019)	0 (0%)
Two-screw scarf	
Crevoisier et al ²² (2001)	19 (22.6%) <ul style="list-style-type: none"> ○ 7 (9%) Neurological pain ○ 5 (6%) Hardware related pain ○ 3 (4%) Recurrence ○ 2 (1.8%) Joint arthritis ○ 2(1.8%) Loss of correction
Jones et al ²³ (2004)	4 (16%) <ul style="list-style-type: none"> ○ 2 (8%) Superficial wound infection ○ 1 (4%) Fracture ○ 1 (4%) Hardware related pain
Garrido et al ²⁴ (2007)	7 (19%) <ul style="list-style-type: none"> ○ 3 (9.8%) Superficial Wound Infection ○ 1 (2.3%) Stress fracture ○ 1 (2.3%) Hallux varus ○ 1 (2.3%) Numbness ○ 1 (2.3%) Stiffness
Gupta et al ²⁵ (2008)	2 (5%) <ul style="list-style-type: none"> ○ 1 (2.5%) Superficial Infection ○ 1 (2.5%) Dorsal Spur

Furhmann et al ²⁶ (2009)	22 (11%) <ul style="list-style-type: none"> ○ 9 (4%) Recurrence ○ 5 (2.5%) Superficial wound infection ○ 5 (2.5%) Fracture ○ 3 (2%) Hardware related pain
Paczesny et al ²⁷ (2009)	1 (5%) <ul style="list-style-type: none"> ○ 1 (5%) Superficial wound infection
Murawski et al ²⁸ (2010)	12 (9%) <ul style="list-style-type: none"> ○ 6 (4.5%) Stiffness ○ 4 (3.5%) Superficial infection ○ 1 (0.5%) Hardware related pain ○ 1 (0.5%) Malunion
Choi et al ³⁰ (2013)	8 (15%) <ul style="list-style-type: none"> ○ 4 (7.5%) Hardware related pain ○ 2 (3.7%) Hallux varus ○ 2 (3.7%) Joint arthritis
Deveci et al ³¹ (2013)	5 (10%) <ul style="list-style-type: none"> ○ 5 (10%) Recurrence
Marudanayagam ³² (2014)	4 (7%) <ul style="list-style-type: none"> ○ 3 (4.5%) Superficial wound infection ○ 1 (1.5%) CRPS
Milczareket al ²⁹ (2017)	15 (14%) <ul style="list-style-type: none"> ○ 8 (9 %) Recurrence ○ 3 (2.5%) Pain ○ 2 (1.5%) Superficial wound infection ○ 1 (1%) Fracture ○ 1 (1%) Bone healing problem
Milczareket ²⁹ et al (2017)	24 (39%) <ul style="list-style-type: none"> ○ 15 (24%) Recurrence ○ 4 (8%) Pain ○ 2 (4%) Superficial wound infection ○ 1 (1%) Fracture ○ 1 (1%) Bone healing problem ○ 1 (1%) Screw migration
Boychenko et al ³³ (2018)	7 (17%) <ul style="list-style-type: none"> ○ 2 (5%) Transfer metatarsalgia ○ 2 (5%) Recurrence ○ 2 (5%) Joint stiffness ○ 1 (2%) Superficial wound infection
Boychenko et al ³³ (2018)	9 (12.5%) <ul style="list-style-type: none"> ○ 4 (5.5%) Joint stiffness ○ 3 (4.1%) Superficial infection ○ 2 (2.7%) Recurrence
Samaras et al ³⁴ (2019)	22 (28%) <ul style="list-style-type: none"> ○ 7 (9%) Recurrence ○ 4 (3.5%) CRPS ○ 3 (3%) Fracture ○ 3 (3%) Loss of correction ○ 2 (2.5%) Superficial wound infection ○ 2 (2.5%) Hardware related pain
Law et al ³⁵ (2020)	1 (9%) <ul style="list-style-type: none"> ○ 1 (9%) Superficial wound infection

Law et al ³⁵ (2020)	6 (11%) <ul style="list-style-type: none"> ○ 4 (7.4%) Hardware related pain ○ 2 (3.7%) Superficial wound infection
Law et al ³⁵ (2020)	1 (5.6%) <ul style="list-style-type: none"> ○ 1 (5.6%) Transfer Metatarsalgia
Veracruz-Galvez et al ³⁶ (2022)	1 (1%) <ul style="list-style-type: none"> ○ 1 (1%) Superficial wound infection
Veracruz-Galvez et al ³⁶ (2022)	1 (1%) <ul style="list-style-type: none"> ○ 1 (1%) Superficial wound infection
Xie et al ³⁷ (2022)	27 (22%) <ul style="list-style-type: none"> ○ 10 (8.1%) Recurrence ○ 8 (6.5%) Transfer Metatarsalgia ○ 7 (5.7%) Hallux Varus ○ 1 (0.8%) Superficial infection ○ 1 (0.8%) Hardware related pain