Fusion is most commonly done for treatment of hallux valgus when it is associated with arthritis or as salvage for failed previous bunion surgeries. Other indications include neuromuscular conditions that cause spasticity (such as cerebral palsy and stroke) due to the high recurrence rate associated with standard procedures and the tendency for progression of the spasticity with time. Consideration to primary arthrodesis may also be considered in patients with severe deformity who are at high risk of failure of a primary procedure due to osteoporosis or inability to comply with weight bearing restrictions during the post-operative period. Arthrodesis of the hallux metatarsophalangeal joint is a reproducible procedure with a low complication rate that can produce very good functional and cosmetic results with a predictable post-operative course.

Indications for the treatment of hallux valgus with arthrodesis are listed:

1. Arthritis associated with hallux valgus
2. Neuromuscular Disease/Spasticity
3. Inflammatory/Rheumatoid Arthritis
4. Severe deformity with osteoporosis
5. Salvage of failed bunion surgery or failed arthroplasty
6. Salvage of infection (staged reconstruction)
7. Also consider for patients with multiple lesser toe varus or valgus deformity