Minimally Invasive Surgery Approach to Lesser Toe Deformities

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KEYWORDS

- Lesser toe deformities Claw toe Hammer toe Proximal phalanx osteotomy
- Percutaneous surgery
 Minimally invasive surgery

KEY POINTS

- The AFCP/FFAS classification, with a high degree of intra and inter-observer reproducibility, provides a standardized description of lesser toe deformities.
- Whenever possible, the treatment of the cause of the deformity is considered before local procedures.
- · Percutaneous toe surgery has gained in popularity in recent years.
- We propose a systematic and sequential percutaneous approach from proximal to distal based on data from the recent literature and our experience.

INTRODUCTION

Lesser toe deformities (LTD) are frequent and have a proven negative impact on quality of life. 1-5 Their prevalence increases with age and gender. 1-3,6 Many open and percutaneous surgical techniques are described in the literature. Still, despite the frequency of LTD, 4,5 there are very few randomized comparative prospective studies of their treatment, and current therapeutic strategies are generally based on retrospective studies. Despite this, percutaneous treatment of LTD is gaining popularity thanks to the safe and effective results of percutaneous forefoot surgery. De Prado was the first to describe a percutaneous approach to LTD combining osteotomies, condylectomies, and tenotomies on request. Numerous developments and variations have

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Fig. 7. 2 enn deformity secondary to hallux valgus (A, B). Result at 3 months after hallux valgus treatment, extensors tenotomy of the second toe and MTP dorsal arthrolysis (C, D).