

The Painful Neuroma and the Use of Conduits

Wagner, Emilio; Ortiz, Cristian

FOOT AND ANKLE CLINICS

vol. 16, n° 2, p. 295-304

DOI: 10.1016/j.fcl.2011.01.004

Published: JUN 2011

Abstract

Treatment of neuromas in the foot and ankle is evolving. There is a paucity of studies dealing with neuromas in this anatomic region and most knowledge comes from hand surgery. A trend toward reconstructive surgery using nerve grafts and conduits for nerves with critical function is being seen, including the use of artificial conduits for motor nerves. For noncritical nerves, the most generally accepted treatment is neuroma resection and burial into a tissue bed, commonly muscle, which protects the proximal stump and avoids the generation of a painful neuroma. A clear knowledge of the neural anatomy is paramount together with correct identification of all the nerves involved in the pain generation process. More studies dealing with neuromas in this area are needed to provide evidence-based information.

Keywords

Author Keywords: Neuroma; Conduit; Graft; Transposition

KeyWords Plus: MANAGEMENT; RESECTION; NERVES