Minimally Invasive Forefoot Surgery - Slater Planning Classification System

Gordon Slater*

Practice Manager- Matthew Robertson, Double Bay, New South Wales, Australia

*Corresponding Author: Gordon Slater, Practice Manager- Matthew Robertson, Double Bay, New South Wales, Australia.

Received: April 24, 2018; Published: June 26, 2018

Abstract

With Minimally Invasive foot surgery multiple bones can be operated on simultaneously. An accurate coding system aids in surgical planning, research and surgical consent. We propose a surgical classification system that we have used in over 1000 forefoot procedures.

Keywords: Foot; Minimally Invasive; Classification; Slater

Introduction

Classification systems in orthopaedics have been used extensively in orthopaedics for a variety of different applications. Notably in research, for descriptive purposes, and attempts to classify disease and injury to predict pathology and treatment outcomes [1-25].

A good classification system should be easily reproducible so that inter observer reliability is high. With the advent of minimally invasive techniques of surgery in the forefoot it has become more necessary to be accurate in planning surgery. In particularly obtaining consent there comes an increasingly demanding burden on the surgeon to be accurate pre-op planning.

Writing out each bone to bone to be operated on takes time and there simply isn’t room on a standard hospital consent form. I propose a classification system for the planning of forefoot surgery to make planning easy and accurate and to aid in the consent process.

Figure 1

Citation: Gordon Slater. “Minimally Invasive Forefoot Surgery - Slater Planning Classification System”. EC Orthopaedics 9.7 (2018): 416-419.
In this planning system each bone is assigned a letter and/or number to aid in its description.

**M1P1 Arthroscopic Fusion**

This foot has had the M1P1 Fusion performed arthroscopically.

---

**Extensive forefoot surgery**

This foot has had extensive forefoot surgery in a large hallux valgus deformity.
Minimally Invasive Forefoot Surgery - Slater Planning Classification System

Mid Foot Fusion
This foot has had a midfoot fusion of N-C1 C2 and C3 + Stabilisation of TA and CA.

Figure 4

Conclusion
We propose this as an easy classification system for research and planning purposes in minimally invasive surgery of the forefoot. We present this as a living document as no doubt as techniques evolve further development of the code will be required.

Bibliography


17. “Peripheral Nerve Injuries”.


