

## **Information regarding Footmaxx Custom Orthotics Manufactured from Negative Foam/Plaster Slipper Casts/Slipper Socks**

**Q1: Was an impression of the patient's foot taken? If so, please state the technique that was used to create the impression.**

Yes, the patient's foot shape was captured in a foam impression mold/slipper cast, which captures the size, shape and anatomical structure of the foot in the sub-talar neutral position.

**Q2: What is the technique used to create/manufacture the orthotic?**

The foam impression mold/slipper cast is shipped to the Footmaxx lab along with a prescription form that outlines the practitioner's specific observations and requests. A positive plaster cast is poured and then corrected. Footmaxx lab technicians use vacuum forming equipment and processes to shape the orthotic module. Corrective extrinsic varus or valgus posting is applied to the orthotic as per the prescription requirements. Numerous accommodations such as met pads, cutouts and wells etc. are added in accordance with the practitioner's order specifications. This hands-on craftsmanship is then checked by quality control to ensure that it meets the high standards that Footmaxx employs.

**Q3: Who manufactured the orthotics and what are their qualifications or credentials?**

The custom orthotics were manufactured by Footmaxx, 468 Queen Street East, Suite 400, Toronto, Ontario M5A 1T7 (800-779-3668 or 416-366-3668). The Footmaxx laboratory is staffed by trained manufacturing personnel, under the auspices of the Clinical Services Department at Footmaxx. Licensed podiatric and medical professionals as well as other healthcare specialists staff the Clinical Services Group.

**Q4: What materials are used in the manufacturing of Footmaxx orthotics?**

Various materials are used to create a custom orthotic device including, semi-flexible, semi-rigid, and rigid proprietary blends of durability proven plastics, graphite, cushioning layers and accommodative cushioning that commonly make up custom foot orthotics manufactured in podiatric labs. Postings, accommodations and top covers are made from standard medical grade materials such as vinyl, PVC foam, polyurethane, polyethylene, nylon cloth, neoprene, crepe, latex, leather/suede, rubber.