

COL International



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COL International Manufacturer Profile

COL International has provided prescription foot orthotics to podiatrists and chiropodists for over 20 years. COL is headed by S. Ber DPM who has developed products as a result of his clinical years. COL has additional chiropodists and podiatrists on staff for consultation.

COL IS RECOGNIZED BY MAJOR INSURANCE COMPANIES.

All orthotics are made by pressing various orthopaedic materials to a biomechanical neutral cast which has been corrected either by plaster or wood (CAD/CAM). All casts are then ground to either the practitioner or laboratory specifications.

Manufacturing Process

- 1: Casts are received either by:
 - a) Neutral non-weight bearing plaster cast or
 - b) Neutral non-weight bearing foam impression
- 2: Casts scanned using 3D Sharp Shape Laser scanner then corrected using AOMS CAD/CAM technology. Casts are then milled out into a positive. Depending upon case by case scenario plaster will be used for additional correction.
- 3: Positives are vacuumed pressed using either polypropylene, polyethylene, copolymer, thermo-cork, and or carbon graphite (TI-61).
- 4: Shells are then ground, posted intrinsically and or extrinsically, and polished all according to practitioner specification.
- 5: Covers, extensions, and accommodations are applied. Materials may include: cork, neoprene, leather, suede, poron, evalyte and or vinyl.