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Age:	Wt:	Height:	Shoe Size:
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Occupation:

History:

Foot Type: Pes Planus <input type="checkbox"/>	Pes Cavus <input type="checkbox"/>
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Surface Assessment	
Skin	
Nails	
Surface	

Medical Diagnosis	
Diabetes	Ankle Joint Effusion
Arthritis	Posterior Tibial Dysfunction
Plantar Fasciitis	Achilles Tendonitis
Metatarsalgia	Hallux Valgus Deformity
Diabetic Foot/Ulcer	Morton's Neuroma

Other Diagnosis:

Major Complaints	
Low Back Pain	
Hip Pain	
Knee Pain	
Shin Splints	
Forefoot Pain	
Other Complaints:	

Gait Analysis					
Contact	Valgus Heel	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Varus Heel	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Neutral Heel	L	<input type="checkbox"/>	R	<input type="checkbox"/>
Midstance	Pronation	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Supination	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Calcaneal Eversion	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Calcaneal Inversion	L	<input type="checkbox"/>	R	<input type="checkbox"/>
Propulsion	Supinated	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Pronated	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Forefoot Abduction	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Forefoot Adduction	L	<input type="checkbox"/>	R	<input type="checkbox"/>
	Forefoot Normal	L	<input type="checkbox"/>	R	<input type="checkbox"/>

Biomechanical Assessment & ROM	Left Ft.	Right Ft.
Navicular Drop		
1 st MTP/1 st Ray ROM	Rigidus Limitus	
Genu Varum		
Genu Valgum		
Q-Angle of Hips		
Other Observations (if any):		

Recommendations

RAW MATERIALS & FABRICATION PROCESS

Premier Orthotics Lab is in possession of the prescription for custom-made foot orthotics for the above patient. Sub-talar neutral negative impressions utilizing foams casts, plaster slipper casts or 3D video laser scanner were received and these casts have been utilized in the production of custom-made foot orthotics.

The following is a brief description of the methods and materials used in the production of custom-made foot orthotics –

Digital casts are scanned into a corrected positive model of the foot & a positive is made. Each negative sub-talar neutral non or semi-weight bearing cast received is corrected calcaneal to neutral following the Root principle to obtain a positive model. The positive model is modified to achieve the desired amount of control and support. Depending on the desired function, high temperature thermoplastics or foam rubbers (Suborthelene, Colene, Polypropylene, Carbon fibre, EVA) are heated and moulded to the positive under vacuum. When cool, the shell is shaped using drum grinders and polishing wheels to fit the appropriate footwear. EVA heel posts, arch fill (if necessary) and any other modifications are added at this time in accordance with the prescription provided.

Custom-made Orthotic Devices and Orthopedic footwear are medically necessary by prescription and made by Premier Orthotics Laboratory, certified member of PFOLA(Prescription Foot Orthotic Lab Association) having on its staff **Certified Prosthetic & Orthotic Technician – Eric Agnew, B.Sc., O.P(t) (Dipl.Hons), CCRA.**