



# MASS PRESENTATION

PRESCRIPTION FOOTWEAR AND  
ASSOCIATED MODIFICATIONS

**PEDORTHICS**

PLEASE EXPLAIN

# DESIRED OUTCOME FOR MGF

- ACCOMMODATE
- PROTECT
- HOLD /ASSIST
- CHANGE

# FOOTSHAPES





# Foot Shapes V Foot Moulds



# FOOTWEAR CATEGORIES

PREFABRICATED MGF



MODIFIED/ CUSTOMISED PREFABRICATED MGF



CUSTOM MGF



# ACCOMMODATE

- FOOT SHAPE
- CLAW/ RETRACTED TOES
- BUNIONS
- LESIONS
- OEDEMA
- INSHOE ORTHOSES
- FOREFOOT PROSTHESES
- LLD





# PROTECT

- OUTSIDE INFLUENCES, ENVIRONMENT, TEMPERATURE, MATERIAL /DEBRIS
- POSSIBLE BREAK DOWN AREAS
- CORNS- BLISTERS- ULCER SITES ETC
- FAT PAD DETERIORATION



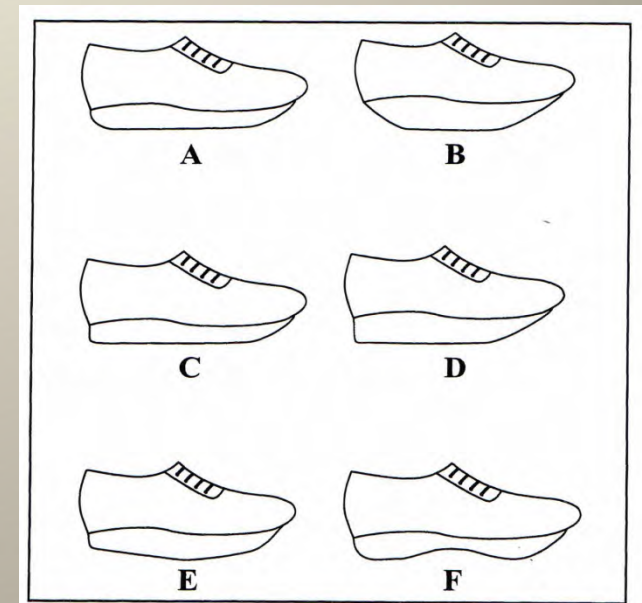


# HOLD AND ASSIST

- AFO,S
- CALIPERS /-----T/STRAPS
- INSHOE ORTHOSES ----ADEQUATE ROOM
- REINFORCING OF FOOTWEAR COMPONENTS
- HEEL COUNTERS, EXTENTIONS, MIDFOOT SHANKS ETC
- REARFOOT FLOATS / FLARES
- FOOTWEAR STYLE----- EG BOOTS

# CHANGE

- ASSIST IN AMBULATION EG SOLE MODIFICATIONS/ VARUS /VALGUS POSTINGS
- / ROCKER ACTION



- ORTHOSES ALIGNMENT –
- REDIRECT PRESSURE OR CHANGE STRUCTURAL ALIGNMENT

## Example

Down syndrome patient

Short broad foot type

Retracted toes

Significant plantar (under foot) callous build-up

### Footwear Features

Modified Prefab Footwear

Lace-up /velcro closures

Wedge soles /possible mild rocker action soles.

High toe box.

Possible upper re-lasting

Padded innersoles





## Example

Trauma –non-diabetic

Rigid foot , hallux and ankle

Non-high risk.

### Footwear Features

Custom MG FOOTWEAR

Above ankle boots

In-shoe orthoses

Forefoot toe prosthesis

Rocker action heel and sole.

Padded Collars and Tongues.

Extended closure





## Example

Prominent HAV bilateral  
Cross over of 2<sup>nd</sup> & 3<sup>rd</sup> digits  
Pressure on top 2nd digit  
Loss of hallux extension.

### Customised Prefab Footwear

Lace up /velcro closure  
Upper modification, stretch leather  
(Balloon patch) or stretchy material  
Rocker action soles  
Seamless linings

