

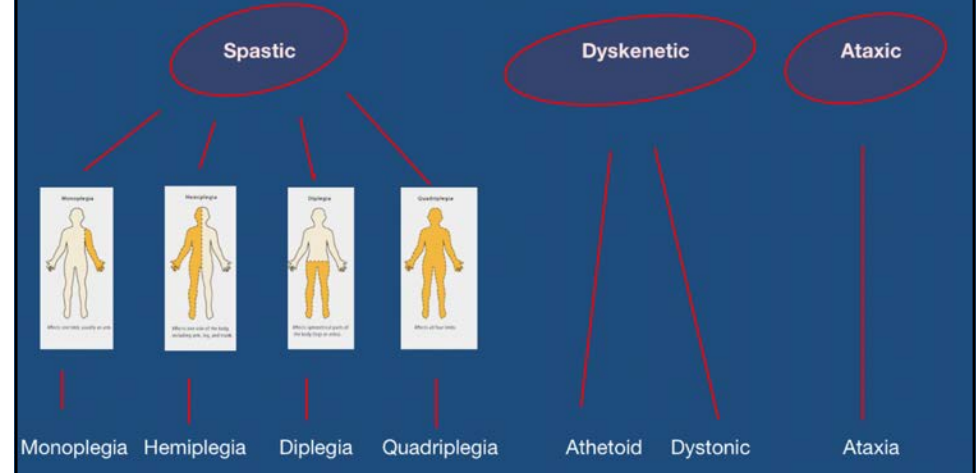
Orthotics & Cerebral Palsy

Sam Walmsley
Orthotist and Director



1

Types of Cerebral Palsy



2

Types of Cerebral Palsy

AFFECTED AREAS OF THE BRAIN

Spastic: 80-90%
Arises from Motor Cortex damage.

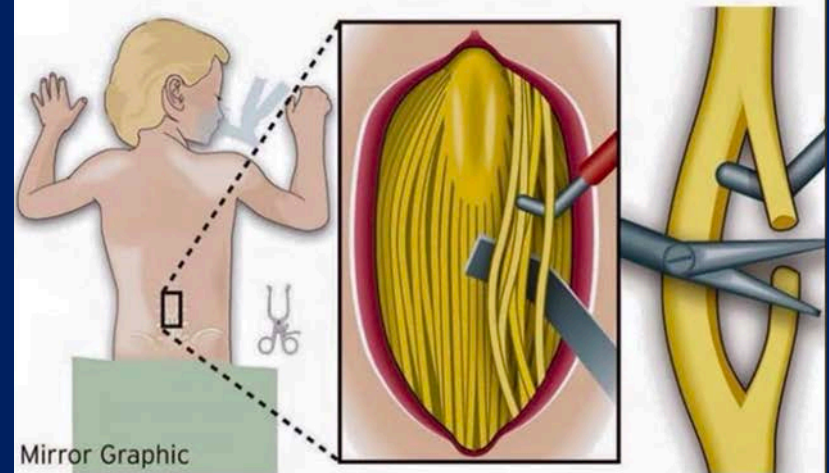
Dyskinetic: 6%
Arises from damage to the Basal Ganglia

Ataxic: 5%
Arises from Cerebellum damage.

Mixed Types:
A number of children with CP will have two motor types present.

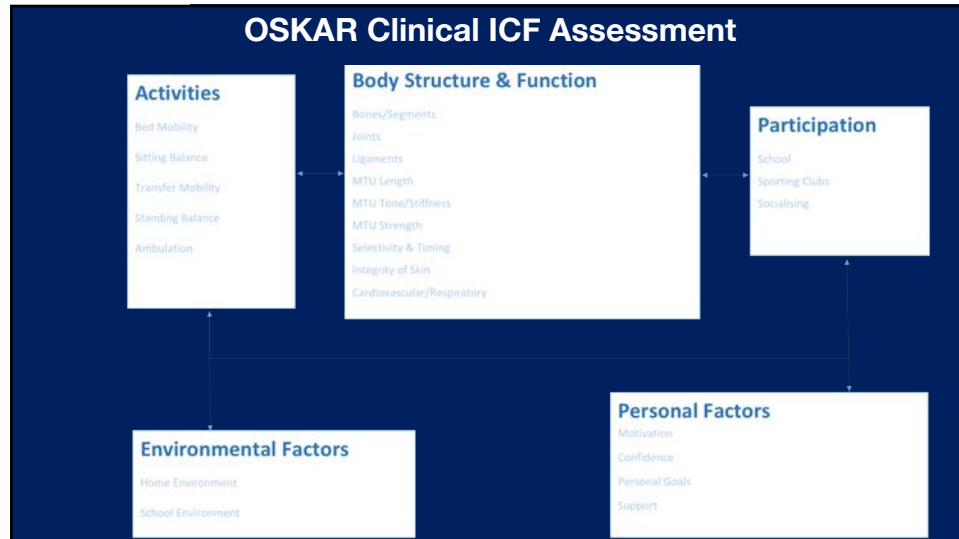
3

What is SDR?



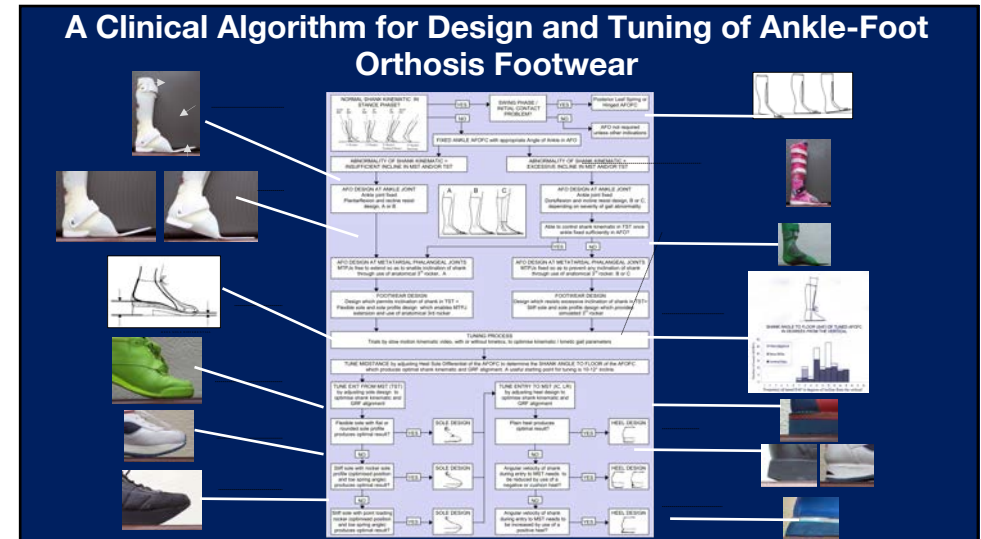
4

OSKAR Clinical ICF Assessment

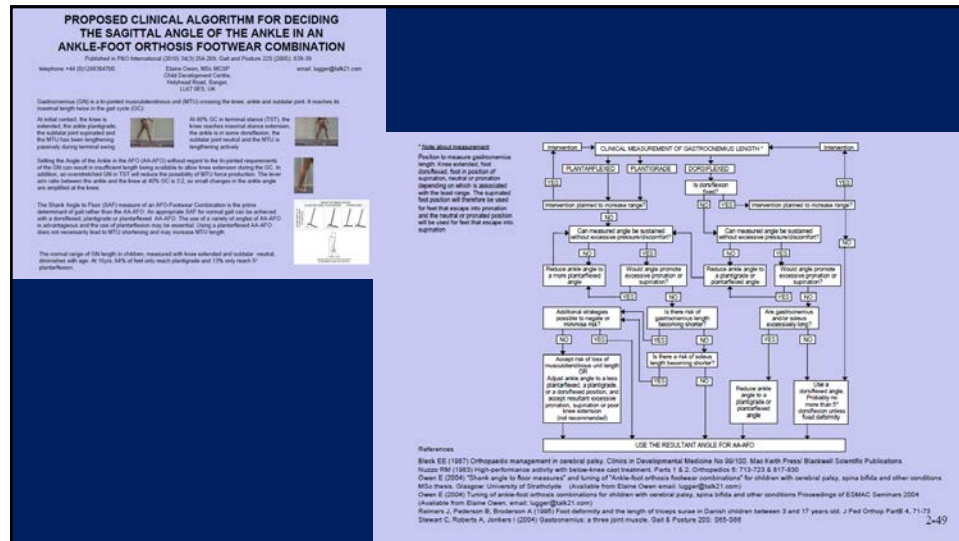


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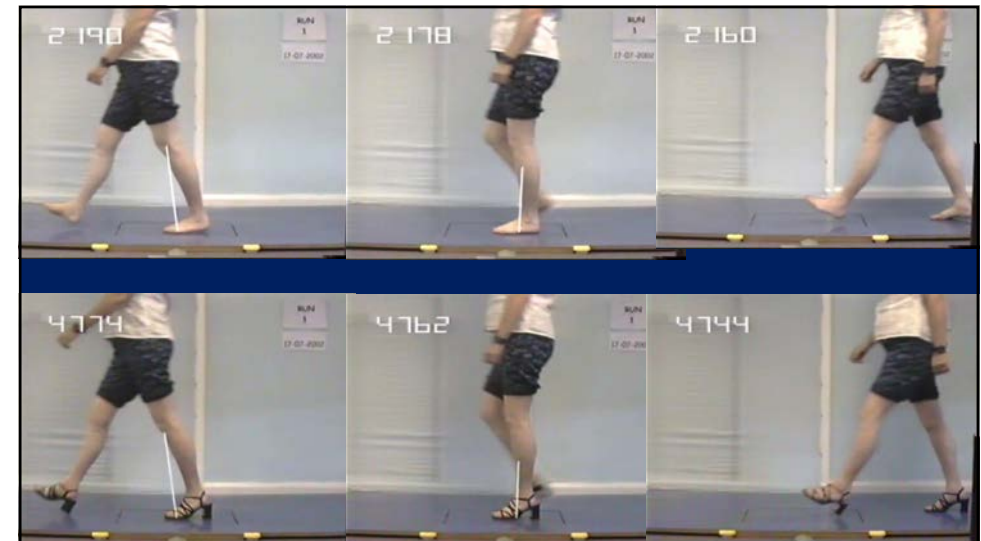
A Clinical Algorithm for Design and Tuning of Ankle-Foot Orthosis Footwear



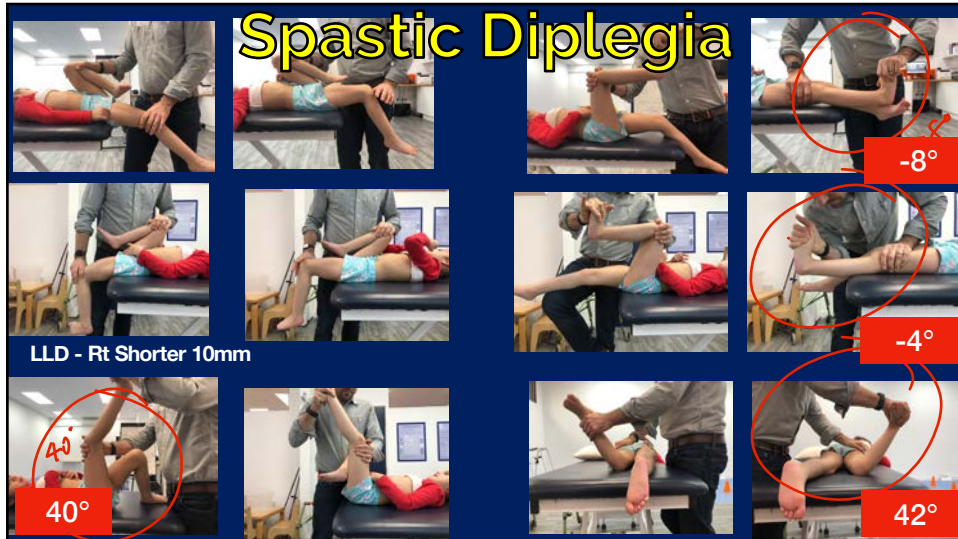
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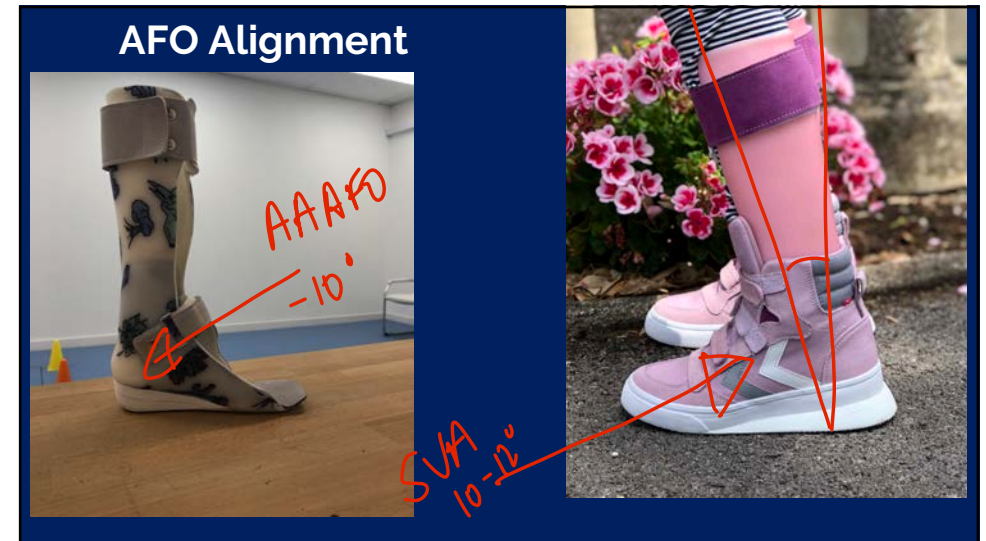
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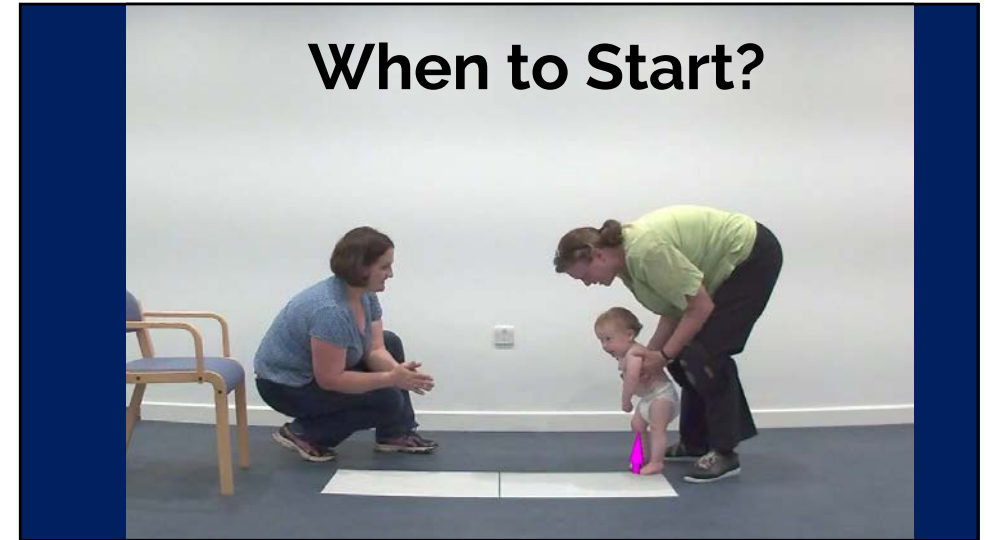
11



12



13



14



15



16

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