

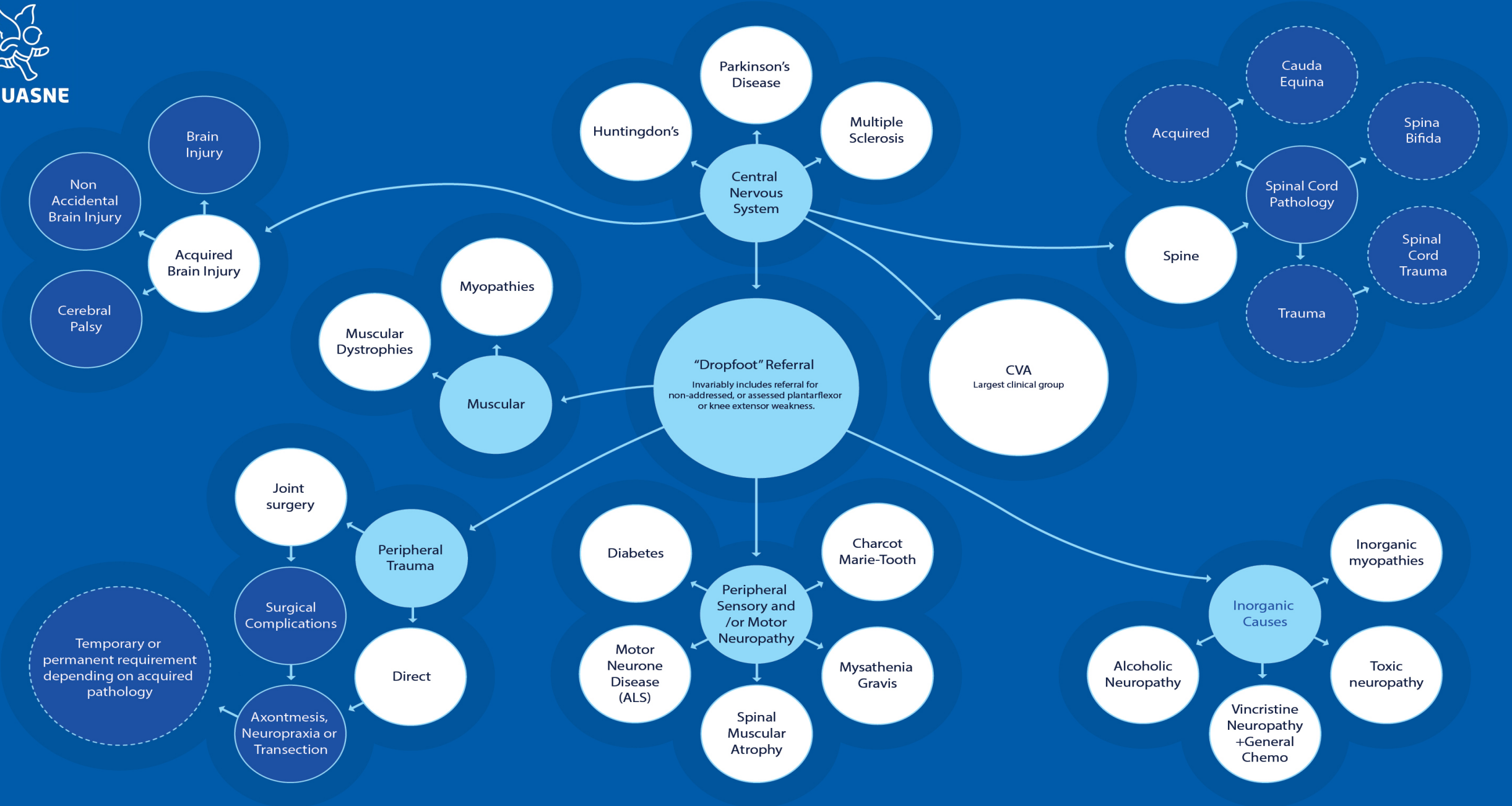


THUASNE

Clinical Differentiation and Prescription with Composite Ankle-Foot Orthoses

And the “just enough” approach

Lower Limb Weakness Pathology Tree

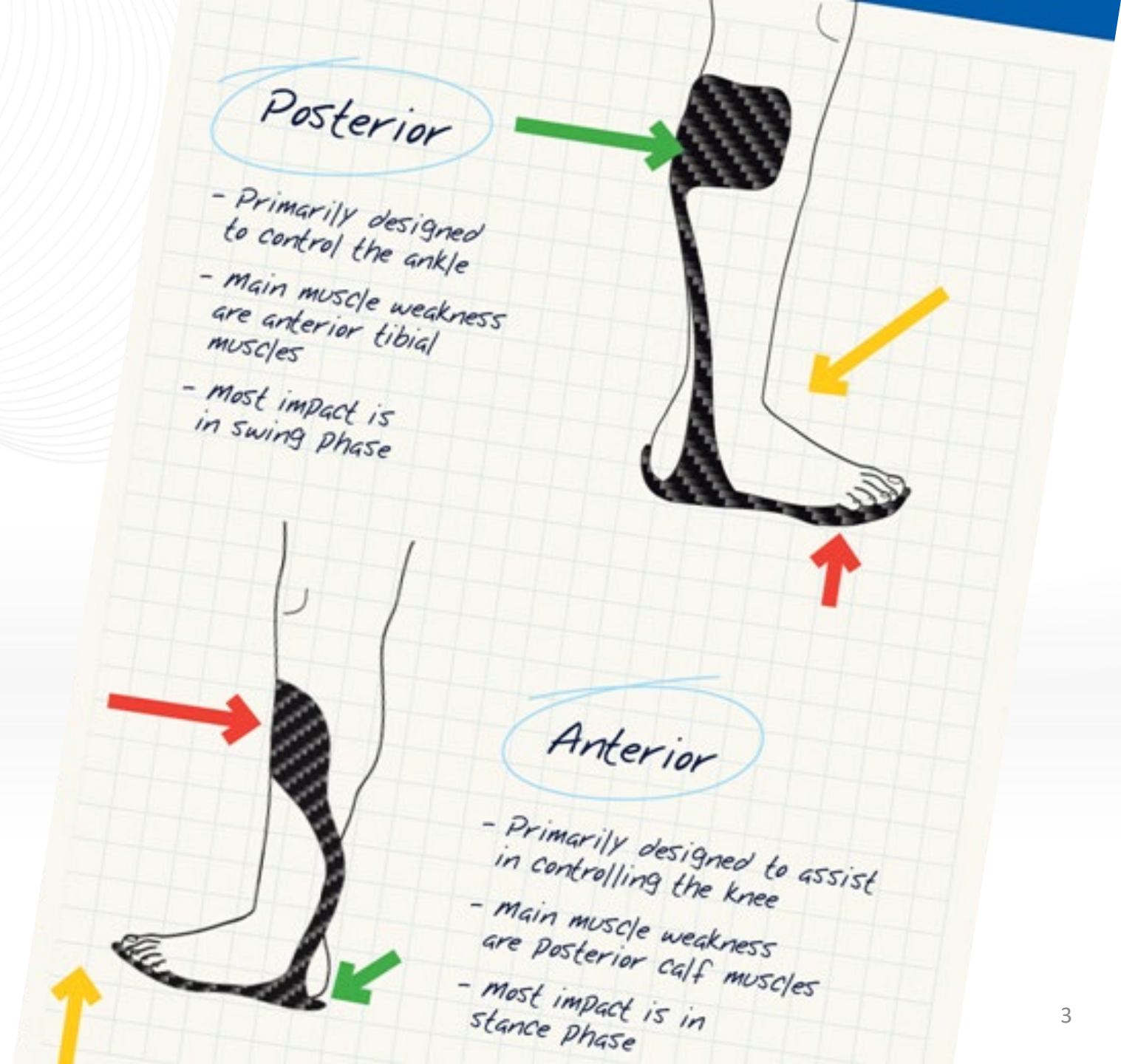




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Anterior Vs Posterior Shell

Biomechanical and proprioceptive
function



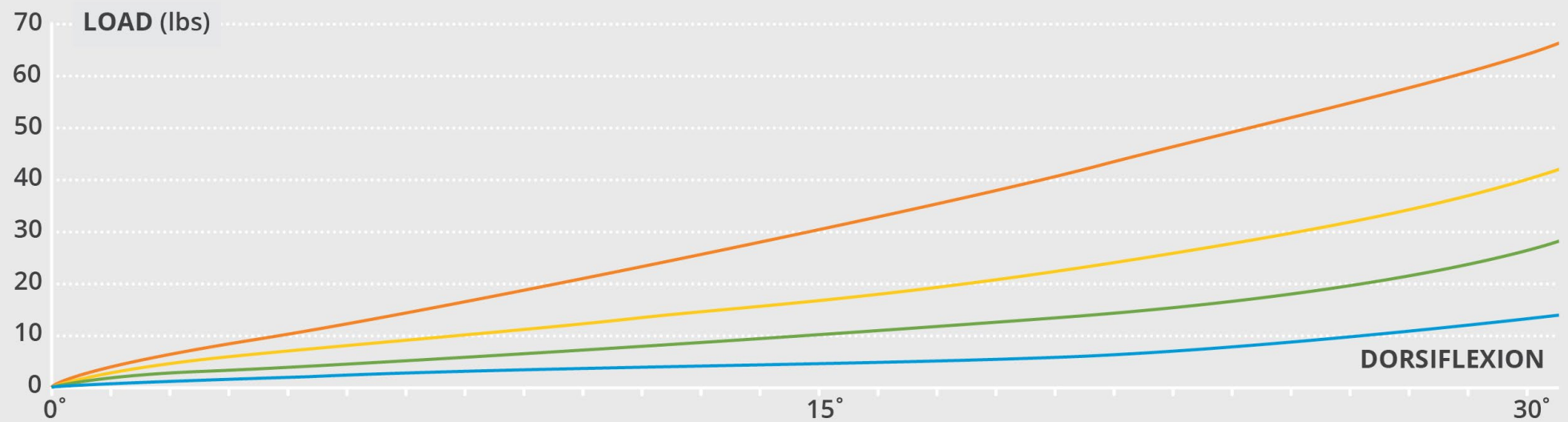
Energy return

SpryStep®: 85%

SpryStep® Plus: 84%

SpryStep® Max: 78%

STIFFNESS COMPARISON RESISTIVE LOAD INTO DORSIFLEXION



SpryStep® Max

SpryStep® Plus

SpryStep®

SpryStep® Flex

SpryStep® Family



SpryStep®
Flex



SpryStep®



SpryStep®
Plus



SpryStep®
Max



SpryStep®
Vector



THUASNE

The choice between OTS and Custom?

Accommodate standard shoe pitch

Controlled achievement of midstance position

Shank inclination in midstance

Single support

Generally 12 degrees inclined

Proprioceptively guided

Biomechanically controlled

Sagittal Plane presentation

Without significant frontal plane concerns

Avoid escape pronation or supination

Rocker priority

Tardieu Scale 0-2 (3?)

Or Ashworth Scale







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Engagement | USER



Koreen: 1,000 miles over Appalachian Trail



Nancy Welch Will you be in the Polk area before you venture out? Would love to have you talk to the Lions Club or somewhere 😊

Like · 22w



Koreen Burrow replied · 1 Reply



Randy-Renee Selman My father had a stroke and drags his foot which causes him to stumble and fall, he's 83 this would be a great brace for him.

Like · 22w



Koreen Burrow YES! It's amazing what they can do these days. I initially got mine through Hanger Clinic. The brace is called a SpryStep made by Thuasne. It is a very new design. Hanger Clinics are

Koreen Burrow YES! It's amazing what they can do these days. I initially got mine through Hanger Clinic. The brace is called a SpryStep made by Thuasne. It is a very new design. Hanger Clinics are in several locations around the country and maybe there is one near him. Otherwise, check out prosthetic and orthotic clinics near him. Let me know if I can help in anyway.

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k out
nics near
elp in

anks
sure
dez

Biomechanical Control





THUASNE

Biomechanical Control





Case Study: Pàwel

32 year old male

Builder - Traumatic spinal injury

- Dorsiflexors 2/5
- Plantarflexors 0/5
- Quadriceps 5/5
- Gluteals 3/5

Clinical aims

- Prevent uncontrolled knee flexion
- Assist swing phase clearance

Patient aims

- Increase activity
- Reduced dependence on crutches



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Thank you!

David Buchanan BSc(Hons) FFPM RCPS(Glasg.)
MBAPO

Corporate Clinical Director

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