

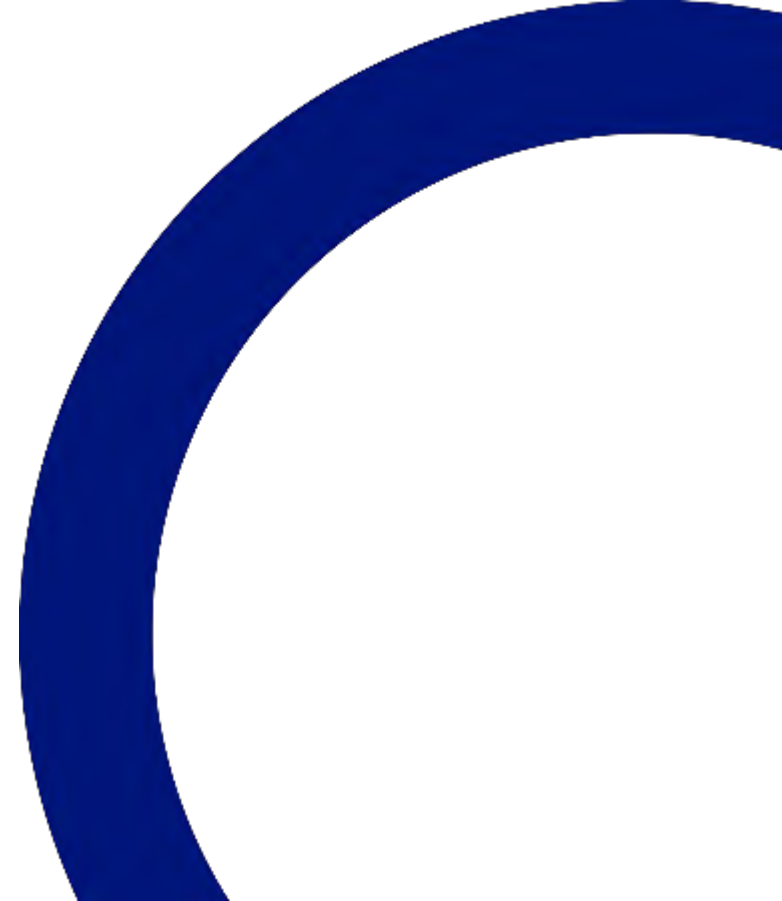


dorset orthopaedic
ottobock.care

Clinical services for best patient outcomes

The What, Why, & When

Ian Talbot– HCPC Prosthetist/Orthotist, Clinical lead Manchester





Introductions

David Morrison, Prosthetist

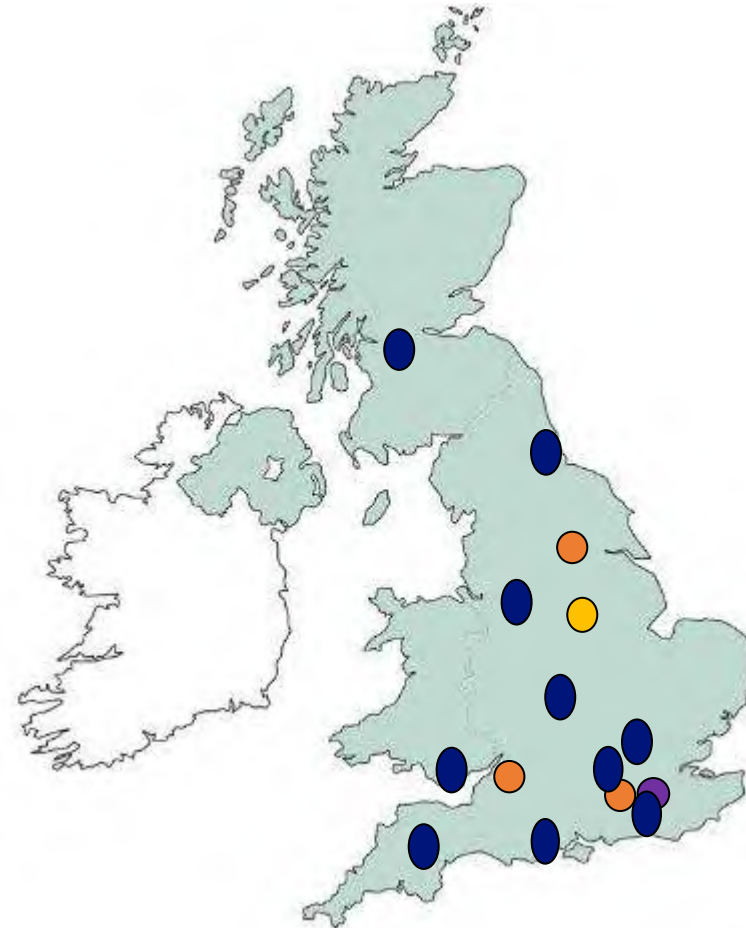
Steven Musgrave, Orthotist

Rosie Carr, Physiotherapist

Nikki Porteous, Physiotherapist



The Rise of Private Prosthetic Clinics



Unrivaled Great British Coverage

- Six clinics (& 4 satellite clinics) across England Scotland & Wales
- Improved patient choice – Being offered a choice, rather than being **told** where to go



Caseload

- Complex trauma
- Working age*
- Active
- Life responsibilities
- Litigation pressures
- 3rd party insurance funding

* Increase in clin-neg **enquiries**, typically older demographic



“



The most appropriate product

for the patient

Oliver Jakobi, CEO Ottobock

”



What's right?

- ✓ Clinically appropriate
- ✓ Complimentary Rehab Assessment (CRA)
 - **Free of charge**
 - Opportunity to understand the patient
 - Provide costed recommendations
 - Commence rehabilitation earlier



- ✓ Complimentary Rehab Assessment (CRA)



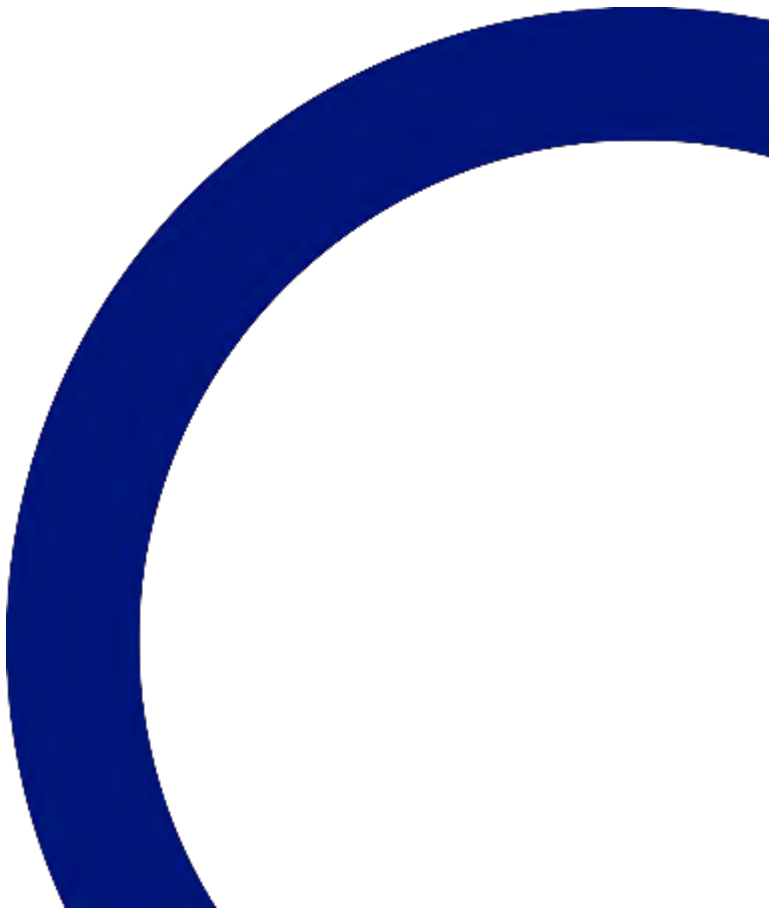
<https://www.youtube.com/watch?v=tqwQGMRvKDg>

What?



What we offer?

**Clinically appropriate bespoke treatment packages
at the **right time**, and in the **right place****

- Timely access to treatment
 - Large team of experienced clinicians
 - Multi-disciplinary approach – Physio, Prosthetist/Orthotist and technicians
 - Onsite manufacturing workshop
 - Time for treatment
 - Medical & surgical partnerships
- 

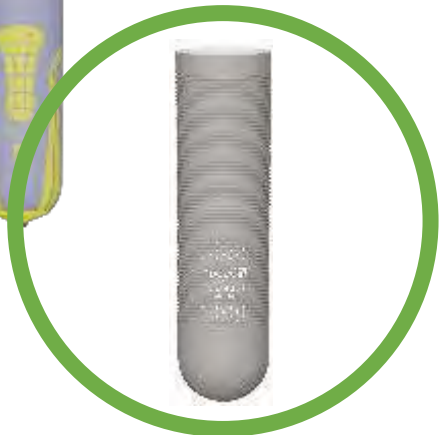
Prosthetic Prescription



Sweat sock



Suspension sleeve



Cushion Liner



Challenger



Casting

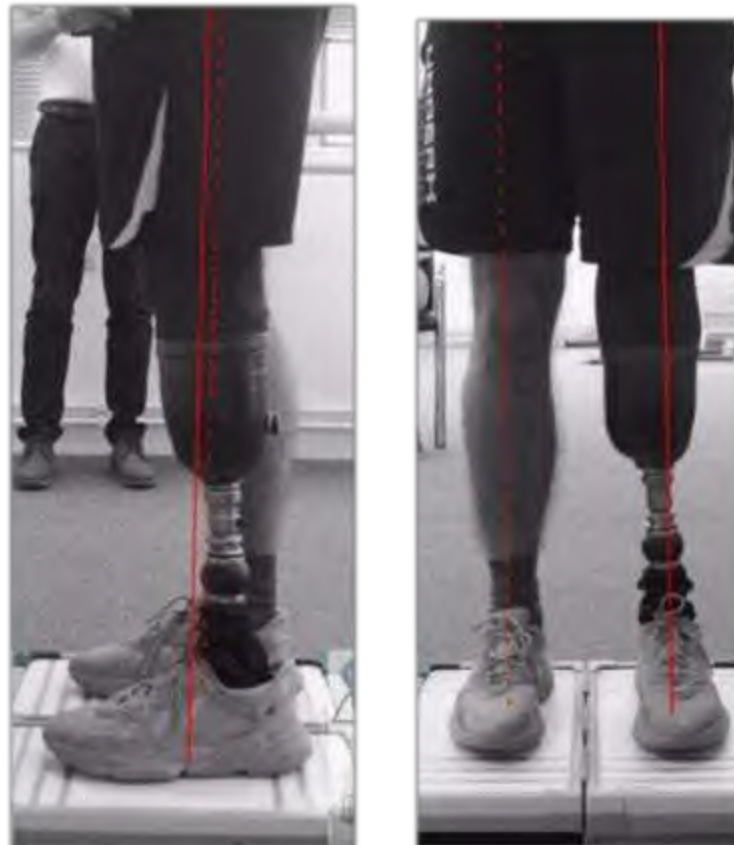


Optimised Limb Alignment

Bench Alignment



Static Alignment



Dynamic Video Analysis





Dorset Orthopaedic Silicone



*Helping people
use their device
to the best of
their capability*

Physiotherapy Services

Intensive Physiotherapy



Specialised Rehabilitation



Physiotherapy Service

Treatment of amputees from hospital discharge and ongoing care

Strength and conditioning

Component Trial

Osseointegration Rehabilitation

Pain Management Package

Treatment Upper limb amputees

Intensive Rehabilitation days

Reviews and top up therapy



Primary amputees: pre-prosthetic

Exercise prescription, balance and postural re-education

Early walking aid gait training eg PPAM aid

Gait assessment and training

Wound and scar management



Prosthetic & Orthotic rehabilitation



Component Trials Determining what is right for our patients?

Microprocessor Feet
Microprocessor Knees
Upper Limb Myoelectric Prostheses

Trials include: -

- Fit and alignment of limb
- Training with new component
- Subjective feedback
- Outcome Measures
- Photos and video



Pain Management

Pain is complex

Everyone's experience is different

Everyone's coping mechanism is different

Phantom pain – Pain in the absent limb

Residuum pain – Pain in the stump

Chronic pain – Multifactorial, persists >3months

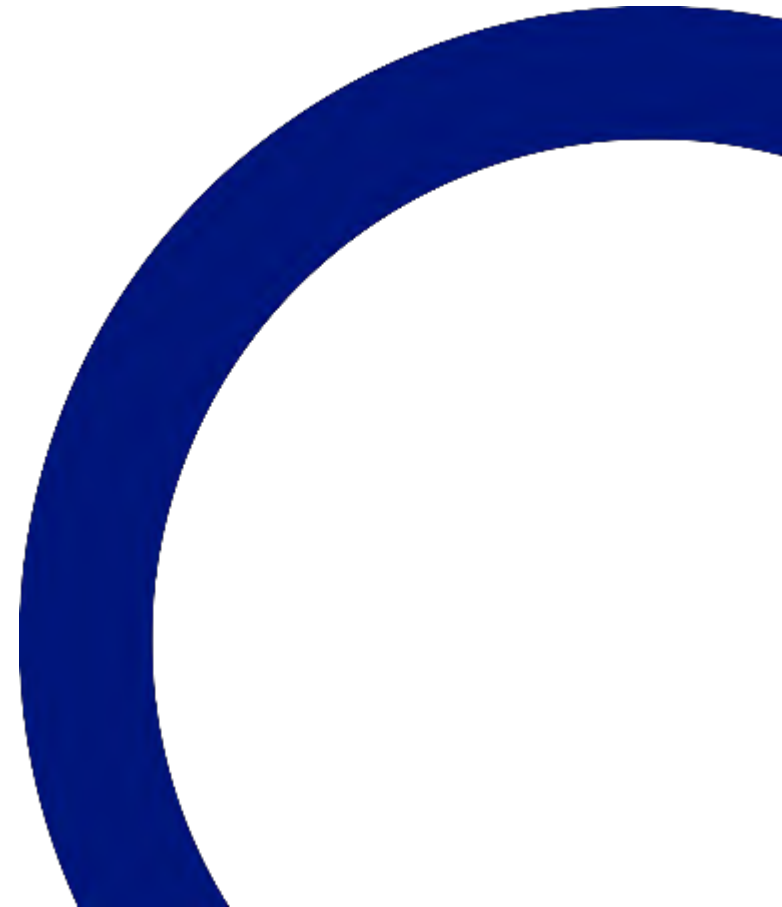


Pain Management Package

Personalised	Evidence Based	Education
Graded Motor Imagery (brain training)	Exercise and pacing	Physio treatments e.g. massage, relaxation
Coping strategies	Liaison with CM / MDT e.g. analgesia changes, trauma counselling	Outcome Measurement



Why?



What's New?

Genium X4

Reaktiv offloading brace

Starfish Procedure

Osseointegration and TMR

Cleveland Clinic – Medical input



Genium X4

Microprocessor knee (evolution of Genium X3, 2013)

Many new functional benefits

Fully waterproof

5 days battery

Cosmetic & cover options

5% price increase over X3



“It does everything a bit more intuitively. I don’t have to think about it, it just does it!”

[Genium X4. Product Experience with Marcus | Ottobock \(youtube.com\)](https://www.youtube.com/watch?v=...)


Naked prosthetics Generation 3


Movement and force Driven by

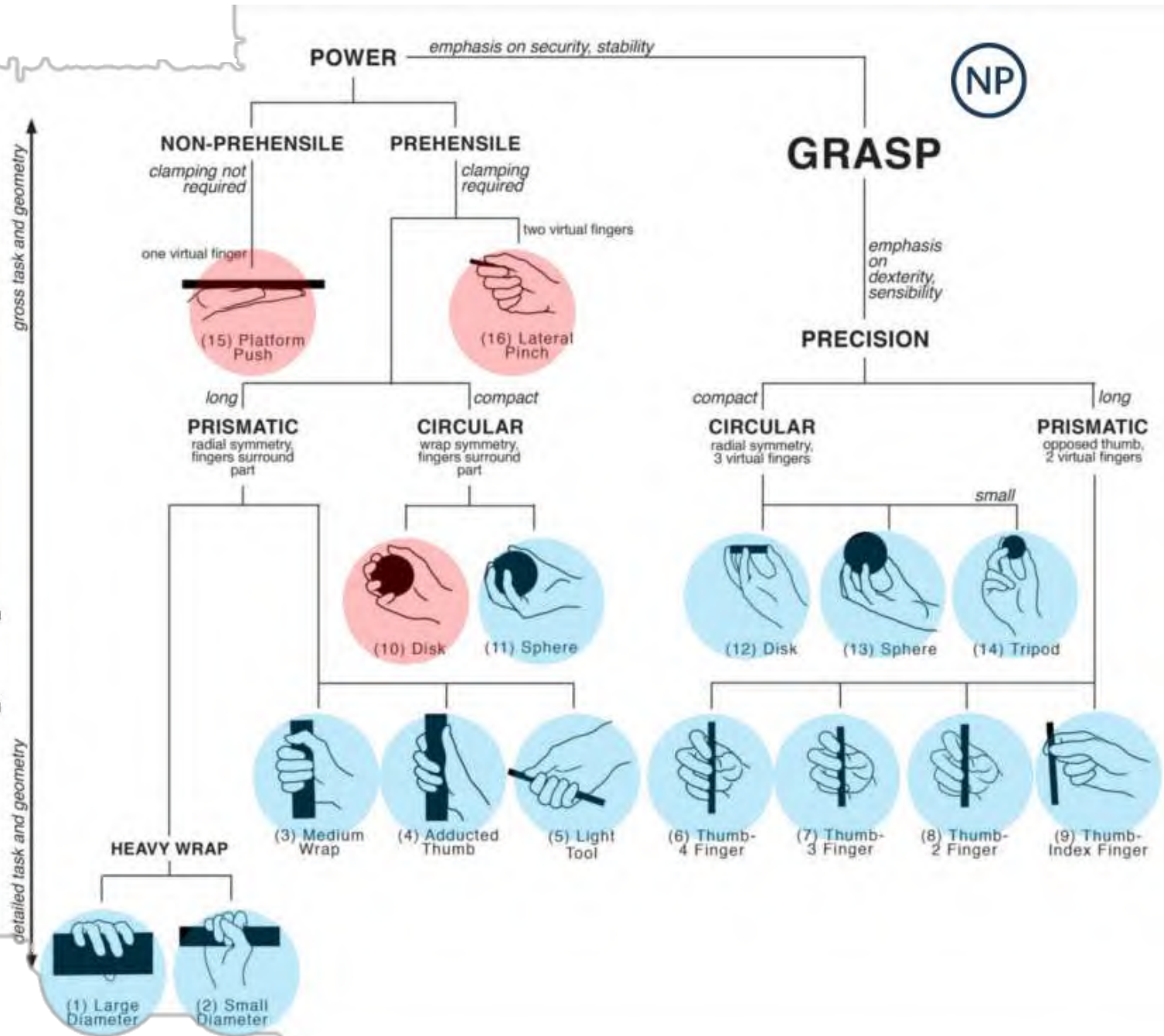
- Residual digit
- Sound side
- Hybrid combination build





 Grasps patient can perform without prosthesis

 Additional grasps patient can perform with Naked Prosthetics' prostheses



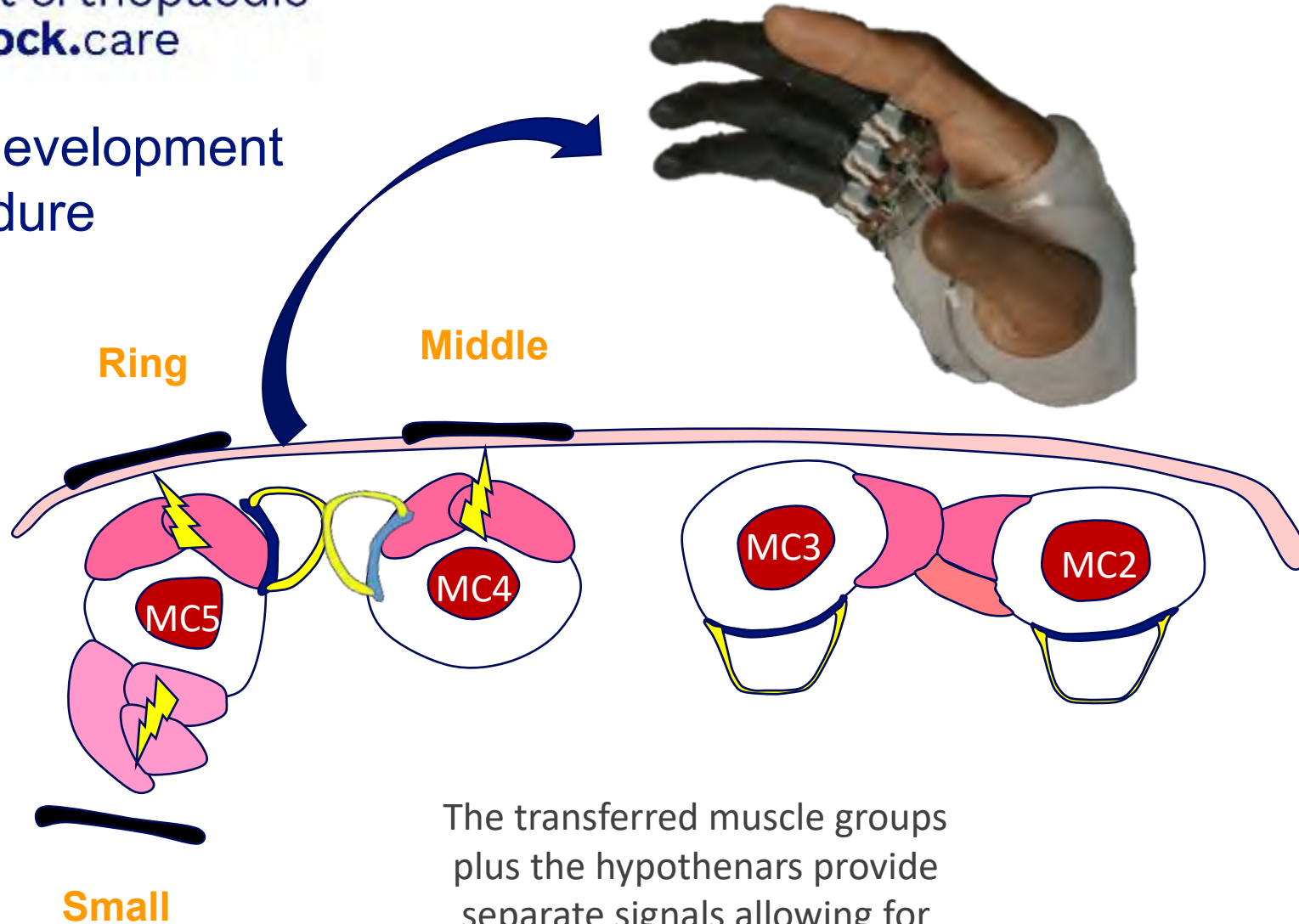
Combining Dorset Silicone & Points Digit Technology

The next step forward in Dorset Silicone' Journey.

Integrated, Functional digits with the renowned Dorset Silicone cosmetic finish.



New surgical development Starfish Procedure



The transferred muscle groups plus the hypothenars provide separate signals allowing for individual digital control

Starfish Procedure



Reaktiv AFO (Ankle Foot Orthosis)

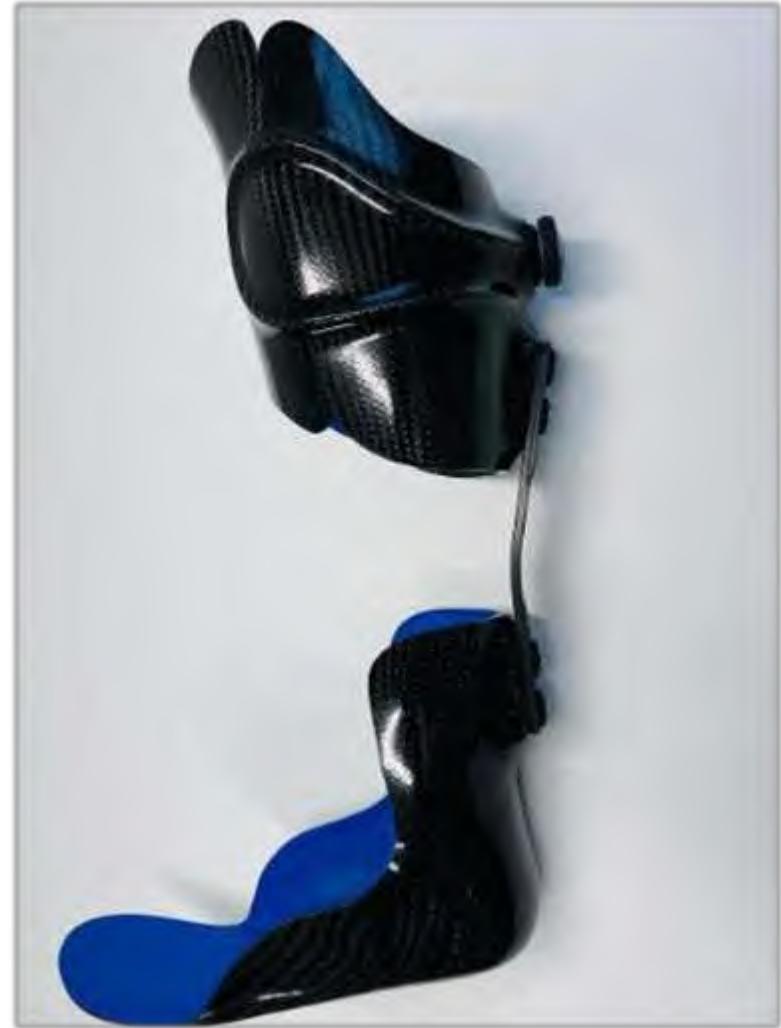
Off-loading brace (reduce pain, increase function)

More conservative intervention

Bulky(ish) design – limiting footwear options

Can be life-changing for patients following
significant lower leg trauma

NOT wasted input if amputation does result



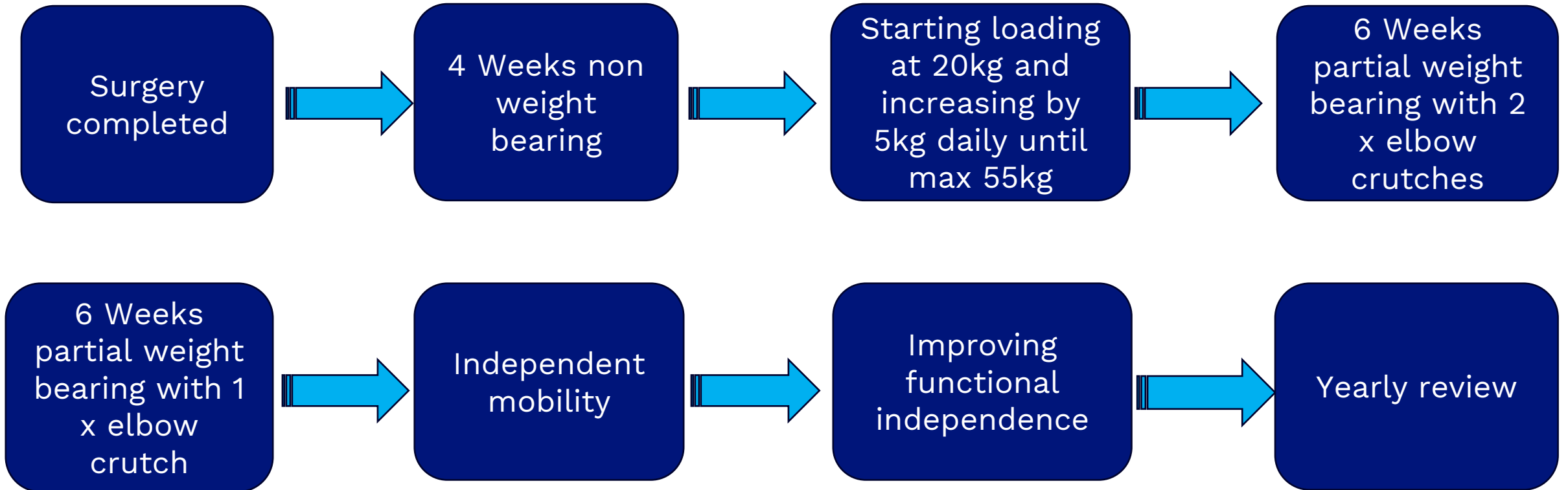


Osseointegration - what is it?





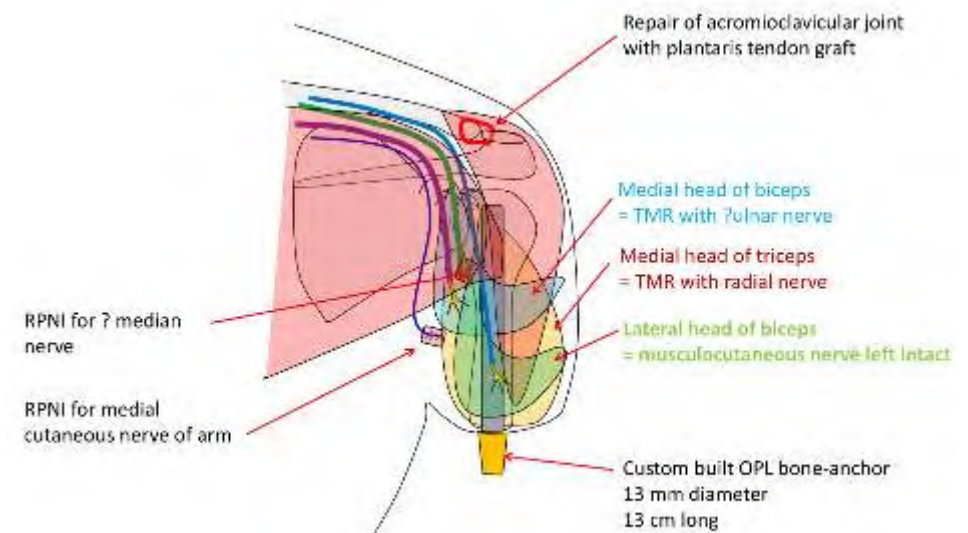
Osseointegration





Osseointegration in the Upper Limb with Targeted Muscle Reinnervation Surgery

- Complex Rehabilitation Process
- Patient commitment required



Advanced Levels of Control Achievable



Internal Electrodes

Currently myoelectric control relies upon skin contact with the electrode

Surgically implantable electrodes likely to be available in the next couple of years

Minimise the use of external wires and the problems caused by the loss of skin contact

Particular benefits anticipated for short residual limbs and those with osseointegration



Cleveland Clinic (London)

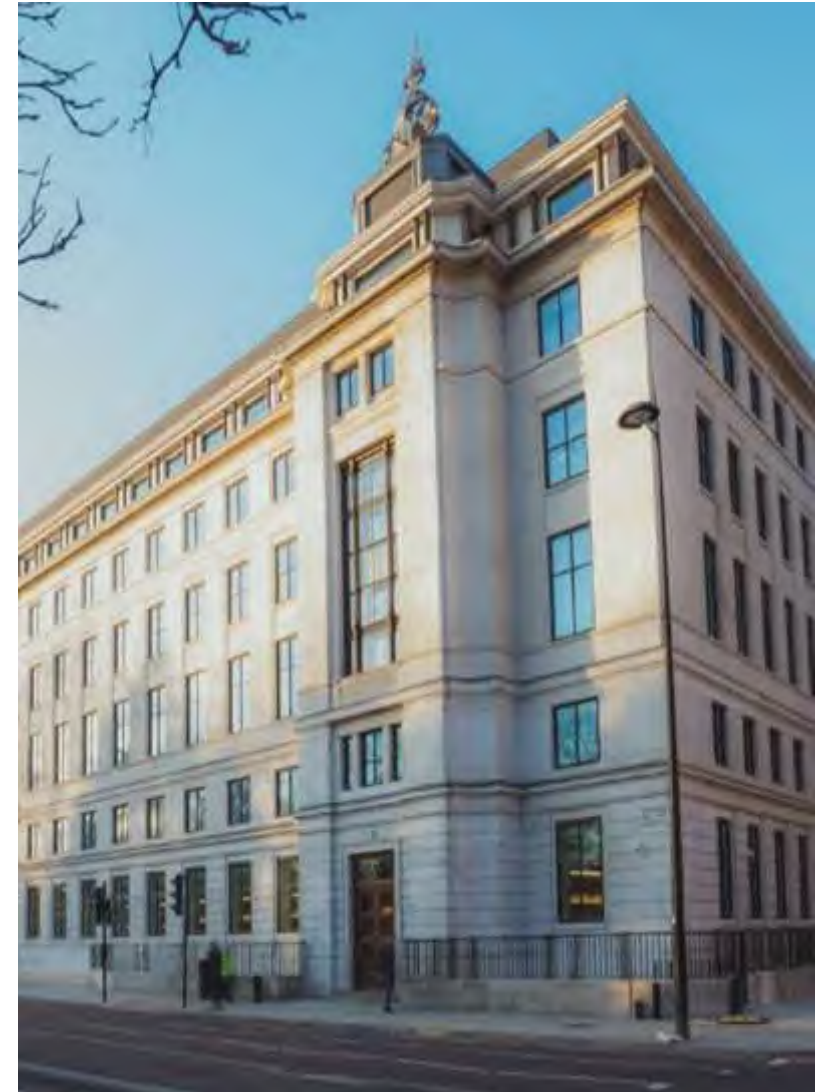
Full MDT Treatment Options Under One Roof

Efficient, timely rehabilitation pathway for catastrophic injury

Immediate treatment options

Commence recovery/rehabilitation sooner

Offer revision surgery or further imaging to identify any issues



When?



RISING TO THE CHALLENGE

Rehabilitation Conference - Scotland Edition
Early action, better outcomes.

Join us for a full-day conference followed by evening drinks on Tuesday, 9th December 2025, at the Glasgow Science Centre.



Reserve
your place
BOOK NOW

[Learn more >](#)

2026 Glasgow Conference

- Glasgow
- 9th December 2026
- Latest tech
- Patient accounts
- Demonstrations
- Networking

Summary

- Scotland Based
- Patient Centered
- Experienced MDT
- Wider team throughout the country to draw skills and experience
- Access to the best technology available

- TIME which gives us opportunity to explore and support all aspects of the patient's journey

Thank *you.*

Ian Talbot

Clinical Lead Prosthetist/Orthotist
Manchester on behalf of the Glasgow
team

italbot@dorset-ortho.com

