



Endolite K2 Knees and Feet

Rehabilitation of the lower activity TF Amputee

Alastair Ward – Prosthetist (Education & Training)



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Content

- 'K2' Classification
- Stabilised Knees
- Demo
 - Overview of some new knees
 - Prosthetic Foot considerations



PRESCRIPTION ACTIVITY GUIDE

Activity Level Description

- 1 Has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulator.
- 2 Has the ability or potential for ambulation with the ability to traverse low level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator.
- 3 Has the ability or potential for ambulation with variable cadence. Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion.
- 4 Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels. Typical of the prosthetic demands of the child, active adult, or athlete.



Stabilised Knees – Popular in UK

endolite ESK+



endolite ESK+ MKL



Phoenix



New Simple 'Low activity' Knees

S200



S400



S500



A range of knee joints for K2 / K3 users.



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S200 – SAKL (Semi-Automatic Knee Lock)



- Proximal rotating pyramid
- Cable can be fitted left or right
- 100kg Weight limit
- K1 / K2 Users
- Lightweight 358g

S400 – Polycentric with Manual lock/SAKL



- Proximal rotating pyramid, Lotus adaptor or single bolt
- Manual lock
- Adjustable extension assist via ICS
- 125kg Weight limit
- K2 / K3 Users



S500 – Polycentric with Pneumatics



- Proximal rotating pyramid, Lotus adaptor or single bolt
- Independent pneumatic flexion and extension adjustment
- Adjustable extension assist via ICS
- 125kg Weight limit
- K2 / K3 Users

Foot Evolution



Foot considerations



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Self-aligning hydraulic ankles



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Improved Control



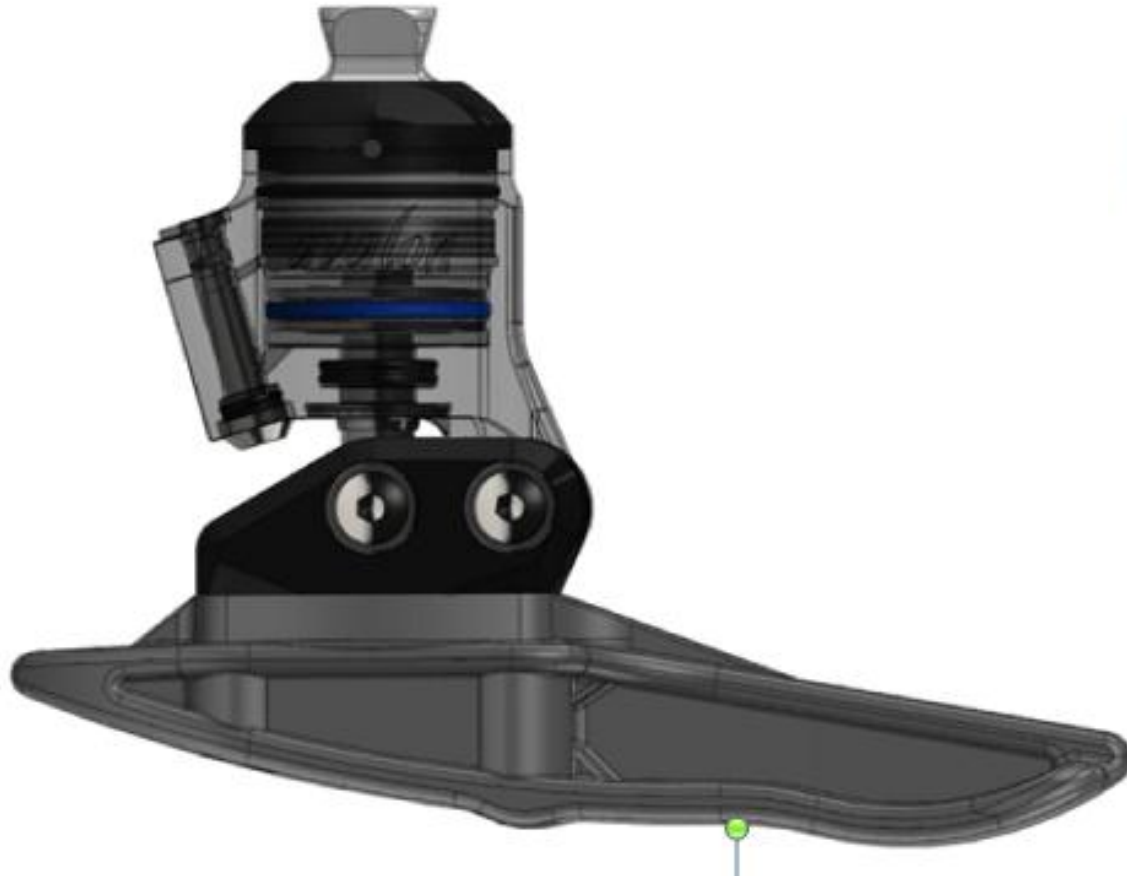
'Conventional' Foot



Hydraulic ankle optimisation

Most amputees suffer this – the world is not flat!

Avalon^{K2}



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Avalon^{K2} for K2 Transfemorals

- **More stability and confidence**
- **Added toe clearance**
 - Improved comfort
 - Enhanced stability and knee control
- **Improved posture**
 - More even loading between limbs
 - More adaptable and efficient gait
 - Natural feeling and improved proprioception
- **Improved gait appearance**





Thank you

