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Optimizing Prosthetic Gait

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Optimizing Prosthetic Gait

Walking with a lower limb prosthesis can be a challenge. Walking requires a balance between the available physical capacity and the physical load experienced when walking. This thesis gives insight into the available physical capacity of people with a prosthesis and the underlying factors causing the increased physical load while walking with a prosthesis. Based on the results recommendations are formulated that help to improve the quality of life of people after a lower limb amputation, optimize prosthetic development and prosthetic rehabilitation.

Optimizing Prosthetic Gait

Balancing capacity and load

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Optimizing Prosthetic Gait



inspired by motion

Freedom of movement in all its aspects determines quality of life – from cell to organ and from organ to the entire body. Our inspiration is substantiated through research into regenerative medicine, rehabilitation and sport.

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founded by VU University Amsterdam, VU University Medical Center Amsterdam and the Academic Centre for Dentistry Amsterdam (ACTA)
www.move.vu.nl

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