

Evidence: DSF ISPO Workshop – Jan 2018

Branemark R, Branemark PI et al Osseointegration is skeletal reconstruction And rehabilitation: A review *JRRD* 2001;38(2):175-181

Bränemark R, Berlin Ö, Hagberg K, et al. A novel osseointegrated percutaneous prosthetic system for the treatment of patients with transfemoral amputation: A prospective study of 51 patients. *Bone and Joint Journal*. 2014;96 B(1):106-13

Hagberg K, Bränemark R. One hundred patients treated with osseointegrated transfemoral amputation prostheses - Rehabilitation perspective. *Journal of Rehabilitation Research and Development*. 2009;46(3):331-44

Hagberg K et al Socket versus bone-anchored trans-femoral prostheses: hip range of motion and sitting comfort. *Prosthet Orthot Int* 2005;29:153-63

Jonsson S et al Osseointegrated amputation prostheses on the upper limbs: methods, prosthetics and rehabilitation *Pros & Orth Int* 2011;35(2):190-200

Doppen P et al Osseointegrated finger prostheses *J of Hand Surg* 2008;00:1-6

Tillander J et al Osteomyelitis Risk in Patients With Transfemoral Amputations Treated With Osseointegration Prostheses 2017 *Clin Orthop Relat Res* 475;3100-3108

Haggstrom EE et al Comparison of prosthetic costs and service between osseointegrated and conventional suspended transfemoral prostheses *Prosthet Orthot Int* 2013;37(2):152-60

Yan Li, Rickard Branemark Osseointegrated prostheses for rehabilitation Following amputation *Unfallchirurg* 2017;120:285-292

Forsberg JA, Branemark R Osseointegration: Surgical Management *Atlas of Amputations & Limb Deficiencies Am Ac of Orth Surg* 2016;575-582

Aschoff HH et al Transcutaneous, Distal Femoral, Intramedullary Attachment for Above-the-Knee Prostheses: An Endo-Exo Device *J Bone Joint Surg Am* 2010;92:180-6

Juhnke DL et al Fifteen years of experience with Integral-Leg-Prosthesis: Cohort study of artificial limb attachment system *JRRD* 2015;52(4):407-420

Al Muderis M et al Safety of Osseointegrated Implants for Transfemoral Amputees A Two-Center Prospective Cohort Study *J Bone Joint Surg Am* 2016;98:900-9

Al Muderis M et al Single-stage osseointegrated reconstruction and rehabilitation of lower limb Amputees: the Osseointegration Group of Australia Accelerated Protocol-2 (OGAAP-2) for a prospective cohort study *BMJ Open* 2017;7:1-10

Pendegras CJ et al Sealing the skin barrier around transcutaneous implants: In vitro study of keratinocyte proliferation and adhesion in response to surface Modifications of titanium alloy *J Bone Joint Surg Br* 2008;90(1):114-121

Blunn GW et al Development of an intraosseous Transcutaneous amputation prosthesis (ITAP) *MEC* 2011

Kang NV et al Osseocutaneous Integration of an
Intraosseous Transcutaneous Amputation Prosthesis Implant Used for
Reconstruction of a Transhumeral
Amputee: Case Report *J Hand Surg Am* 2010;35(7):1130-4

Sullivan J, Uden M, Robinson KP, et al. Rehabilitation of the trans-femoral amputee with an osseointegrated prosthesis: The United Kingdom experience. *Prosthetics and Orthotics International*. 2003;27(2):114-20

Sullivan J Prosthetic Management of Osseointegration *Atlas of Amputations And Limb Deficiencies* 2016 4th Ed

Van De Meent, Hopman MT, Frolke JP Walking ability and quality of life in subjects with transfemoral amputation: A comparison of osseointegration with socket prosthesis. *Archives of Physical Medicine and Rehabilitation*. 2013;94(11):2174-8

Leijendekkers RA et al Gait rehabilitation for a patient with an osseointegrated prosthesis following transfemoral amputation *Phys theory & Pract* 2017;33(2):147-161

Frossard L et al Functional outcome of transfemoral amputees fitted with an osseointegrated fixation: temporal gait characteristics *JPO* 2010;22(1):11-20

Van Eck CF, McGough RL. Clinical outcome of osseointegrated prostheses for lower extremity amputations: A systematic review of the literature. *Current Orthopaedic Practice*. 2015;26(4):349-57

Hebert et al Osseointegration for Lower-Limb Amputation A Systematic Review of Clinical Outcomes *JBJS Reviews* 2015;5(10):1-12