

Curriculum Vitae

Name: Carl **Magnus Tveit**

Date of Birth: 26-02-1973

Nationality: Swedish

Education and qualifications

University Medical Degree (MD), University of Gothenburg, Sweden, May 2000.

License to practice by the Swedish National Board of Health and Welfare (Socialstyrelsen), August 2002.

Specialist of Orthopaedics, Sweden, October 2008.

Doctor of Philosophy (PhD), Faculty of Medicine, Lund University, Sweden, May 2013.
(Thesis title: “*Exercise in Youth and Long-Term Effects on Bone and Joints*”)

License to practice by the Norwegian Registration Authority for Health Personnel (Statens autorisasjonskontor for helsepersonell), August 2013.

Granted the qualification as a Specialist of Orthopaedics by the Danish National Board of Health and Welfare (Styrelsen for Patientsikkerhed), Denmark, September 2021.

Courses/international education and exchange

48th congress of NOF, abstract presentation, sessions, and instructional courses, Copenhagen, Denmark, 1998.

AO Trauma Course—Basic Principles of Fracture Management, Stockholm, Sweden, 2004.

Altogether eight orthopaedic “SK” courses during the residency covering spine, hip, knee, hand, foot, tumour, and paediatrics, throughout Sweden 2004-2008.

Visit at Prof. Hurst’s office and operation theatre, demonstration of primary and revision knee arthroplasty, Manchester, UK, 2006.

Exeter Hip Academy, primary hip arthroplasty course, Exeter, UK, 2006.

Current Concept in Joint Replacement, Winter Meeting, sessions, Orlando, USA, 2010.

American Society of Bone and Mineral Research, Annual Meeting, abstract presentation, sessions, Toronto, Canada, 2010.

Do's and don't's in advanced TKA, revision knee arthroplasty course, Gällivare, Sweden, 2011.

Avancerad höftkirurgi, revision hip arthroplasty course, Visby, Sweden, 2012.

Revision Knee Surgical Technique Instructional Course, revision knee arthroplasty course, Kiel, Germany, 2013.

Nordic Hip Meeting – Primary to Revision THA, primary and revision hip arthroplasty course, Stockholm, Sweden, 2013.

Master class – Hip Revision, revision hip arthroplasty course, Nottingham, UK, 2014.

BioSkills Course – Persona Knee Arthroplasty using Fuzion Instruments, primary knee arthroplasty course, Wien, Austria, 2017.

Nordic Knee Revision – JUST SLEEVE IT! Revision knee arthroplasty course, Stockholm, Sweden, 2017.

Nordic Knee Revision Lab – JUST SLEEVE IT! Revision knee arthroplasty course, Tampere, Finland, 2017.

AO Trauma Course – Advanced Principles of Fracture Management, Copenhagen, Denmark, 2018.

Nordic Advanced LPS Knee Revision Instructional Course, Hamburg, Germany, 2019.

Oxford partial knee Instructional Course, Oxford, UK, 2019.

Surgeon to Surgeon, visit to Prof. Barrett's office and operation theatre. Demonstration of the primary/revision Attune and Sigma Partial Knee arthroplasty systems, Southampton, UK, 2019.

J&J Nordic Knee Symposium. The Attune Knee System (primary and revision), Malmö, Sweden, 2022.

Work experience

Residency, Dept. of Orthopaedics, Varberg County Hospital, Sweden:	2002-2003
Residency, Dept. of Orthopaedics, Malmö University Hospital, Sweden:	2003-2008
Orthopaedic Specialist, Dept. of Orthopaedics, Skåne University Hospital/Malmö, Sweden:	2008-2012
Orthopaedic Specialist, Dept. of Orthopaedics, Skåne University Hospital/Lund, Sweden:	2012-2013
Assistant Consultant, Dept. of Orthopaedics, Skåne University Hospital/Lund, Sweden:	2014-2018

Senior Consultant, Dept. of Orthopaedics, Skåne University Hospital/ Lund, Sweden:	2018-2022
Expert consulting assignments on osteoarthritis and arthroplasty matters, including joint replacement surgeries, for VIMERA Medical AB:	2022-
Chief Senior Consultant, CEO and co-founder of Arthroplasty Services Denmark ApS:	2022-
Chief Senior Consultant, CEO and founder of Aeos Lund Sweden AB:	2022-

Administrative experience

Responsibility for the follow-up data to SHPR (the Swedish Hip Register) on primary and revision hip replacements performed at the Trelleborg County Hospital, Sweden:	2011-2022
Co-responsibility for the follow-up of patients with the ASR prosthesis (redrawn from the market) performed at Skåne University Hospital, Sweden:	2013-2022
Responsibility for the follow-up data to SKAR (the Swedish Knee Register) on primary and revision knee replacements performed at the Trelleborg County Hospital, Sweden:	2014-2022
Responsibility for the follow-up data to SKAR on primary and revision knee replacements performed at Skåne University Hospital, Sweden:	2018-2022

Educational experience

Supervisor course, Skåne University Hospital/Malmö, Sweden:	2017
Deputy supervisor of an Intern/PhD student, Lund University, Sweden:	2018-2021
Supervisor of an orthopaedic surgery resident, Skåne University Hospital/Lund, Sweden:	2019-2022
Recurrent Surgeon to Surgeon courses/visits on partial knee replacement in collaboration with Link® (including lectures, workshops, and live surgeries):	2019-
Tutoring/lecturing nurses, students, interns, residents, and external colleagues on fellowship as part of the employment as senior consultant, Dept. of Orthopaedics, Skåne University Hospital/Lund, Sweden:	-2022

Scientific Associations

Member of the Swedish Medical Association

Member of the Swedish Orthopaedic Association (SOF)

Member of the Swedish Hip and Knee Society

Member of the Danish Medical Association

Member of the Danish Orthopaedic Association (DOS)

Member of the Nordic Orthopaedic Federation (NOF)

Presentations/Abstracts

Tveit M, Kärrholm J.

Effectiveness of prescribed partial weight bearing – continuous registering of vertical loads using a new pressure sensitive insole. Nordic Orthopedic Federation, 49th Congress, Copenhagen, 1998.

Tveit M, Ahlborg H G, Rosengren B E, Nilsson J-Å, Karlsson M K.

Bone loss and fracture risk after high level of physical activity at growth and young adulthood. American Society of Bone and Mineral Research Annual Meeting, Toronto, 2010.

Buttazzoni C, Nilsson J-Å, Tveit M, Landin L, Rosengren B E, Karlsson M K.

A Childhood Fracture Is a Risk Factor for Both Low BMD at Growth and Low Peak Bone Mass – A Mean 28 Years Prospective Controlled Study. American Society for Bone and Mineral Research, San Diego, CA, USA, 2011.

Buttazzoni C, Rosengren B E, Nilsson J-Å, Landin L, Tveit M, Karlsson M K.

Pre-Pubertal Bone Mass Predicts Peak Bone Mass – A 28 Year Prospective Observational Study of 214 Children. American Society for Bone and Mineral Research Annual Meeting, Minneapolis, MN, USA, 2012.

Tveit M, Rosengren B E, Nilsson J-Å, Ahlborg H G, Karlsson M K.

Bone trait benefits after long-term retirement from sports – a mean 39-year prospective controlled study in men. The Biomedical Basis of Elite Performance Annual Meeting, London, UK, 2012.

Tveit M, Rosengren B E, Nilsson J-Å, Karlsson M K.

Former male elite athletes sustain fewer fragility fractures than expected. The Biomedical Basis of Elite Performance Annual Meeting, London, UK, 2012.

Tveit M, Rosengren B E, Nilsson J-Å, Karlsson M K.

Former Male Elite Athletes Have More Osteoarthritis and Arthroplasties in Hip and Knee than Expected. The Biomedical Basis of Elite Performance Annual Meeting, London, UK, 2012.

Tveit M, Rosengren B E, Nilsson J-Å, Karlsson M K.

Former male elite athletes have a lower incidence of fragility fractures than expected. 39th Annual Congress of the European Calcified Tissue Society, Stockholm, Sweden, 2012.

Rosengren B E, Tveit M, Nilsson J-Å, Ahlborg H G, Karlsson M K.

Physical Activity during Growth Induces Skeletal Benefits and May Reduce Fracture Risk in Adulthood. American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, IL, USA, 2013.

Buttazzoni C, Rosengren B E, Tveit M, Landin L, Nilsson J-Å, Karlsson M K.

A Paediatric Bone Mass Scan Has Low Ability to Predict Adult Bone Mass A 28-Year Prospective Study in 214 Children. The Endocrine Society's Annual Meeting & Expo, San Francisco, CA, USA, 2013.

Albin Christensson, Magnus Tveit, Uldis Kesteris and Gunnar Flivik.

Similar results for the Persona TKA with medial congruent and cruciate retaining tibial component inlay. 2-year RSA and PROM result from a randomized controlled study. World Arthroplasty Congress, Munich, Germany, 2021

Publications (peer reviewed)

Höstner J, Hultmark P, Kärrholm J, Malchau H, Tveit M.

Impaction technique and graft treatment in revisions of the femoral component: laboratory studies and clinical validation. *J Arthroplasty* 2001;16(1):76-82.

Tveit M, Kärrholm J.

Low effectiveness of prescribed partial weight bearing. Continuous recording of vertical loads using a new pressure-sensitive insole. *J Rehabil Med* 2001;33(1):42-6.

Tveit M, Rosengren B E, Nilsson J-Å, Karlsson M K.

Former Male Elite Athletes Have a Higher Prevalence of Osteoarthritis and Arthroplasty in the Hip and Knee Than Expected. *Am J Sports Med* 2012 Mar;40(3):527-33.

Tveit M, Rosengren B E, Nilsson J-Å, Ahlborg H G, Karlsson M K.

Bone mass following physical activity in young years: a mean 39-year prospective controlled study in men. *Osteoporos Int* 2013;24(4):1389-97.

Buttazzoni C, Rosengren B E, Tveit M, Landin L, Nilsson J-Å, Karlsson M K.

Does a childhood fracture predict low bone mass in young adulthood? A 27-year prospective controlled study. *J Bone Miner Res.* 2013;28(2):351-9.

Tveit M, Rosengren B E, Nyquist F, Nilsson J-Å, Karlsson M K.

Former male elite athletes have lower incidence of fragility fractures than expected. *Med Sci Sports Exerc* 2013 Mar;45(3):405-10.

Tveit M.

Exercise in Youth and Long-Term Effects on Bone and Joints: Thesis; Lund University, Sweden, May 2013.

Buttazzoni C, Rosengren B E, Tveit M, Landin L, Nilsson J-Å, Karlsson M K. A Pediatric Bone Mass Scan Has Poor Ability to Predict Adult Bone Mass - A 28-Year Prospective Study in 214 Children. *Calcif Tissue Int.* 2014;94(2):232-9.

Tveit M, Rosengren B E, Nilsson J-Å, Karlsson M K. Exercise in youth is associated with high bone mass, large bone size, and low fracture risk in old age. *Scand J Med Sci Sports.* 2015 Aug;25(4):453-61.

Buttazzoni C, Rosengren BE, Karlsson C, Dencker M, Nilsson JÅ, Karlsson MK. A Pediatric Bone Mass Scan has Poor Ability to Predict Peak Bone Mass: An 11-Year Prospective Study in 121 Children. *Calcif Tissue Int.* 2015 May;96(5):379-88.

Buttazzoni C, Rosengren B, Tveit M, Landin L, Nilsson JÅ, Karlsson M. Preterm Children Born Small for Gestational Age are at Risk for Low Adult Bone Mass. *Calcif Tissue Int.* 2016 Feb;98(2):105-13.

Tveit M. The Renaissance for Unicompartmental Knee Arthroplasty appears rational – A retrospective radiograph-based comparative Study on patient-reported Outcomes and Complications in 353 TKA and 98 UKA. *PLoS One.* 2021 Sep 16;16(9)

Tveit M. On the generalizability of same-day partial knee replacement surgery – A non-selective interventional study evaluating efficacy, patient satisfaction, and safety in a public hospital setting. *PLoS One.* 2021 Dec 7;16(12)

Christensson A, Tveit M, Kesteris U, Flivik G. Similar results for the Persona TKA with medial congruent and cruciate retaining tibial component inlay. 2-year RSA and PROM result from a randomized controlled study. *Acta Orthop.* 2022 Jan 3;93:68-74.