

Martin Lindberg-Larsen  
Klinisk Institut  
KI, OUH, Forskningsenhed for Ortopædkirurgi (Odense)  
E-mail: mlindberg@health.sdu.dk, Martin.Lindberg-Larsen@rsyd.dk



## Qualifications

2023 - Professor (University of Southern Denmark/Odense University Hospital)  
2022 - Chairman of the Danish Knee Arthroplasty Registry  
2021 - Orthopaedic surgeon, Knee surgery (Capio Privathospital Odense)  
2021 - Head of Research / Consultant Orthopaedic Surgeon (OUH)  
2020 – 2021 Senior Consultant Orthopaedic surgeon / Matrikelansvarlig Overlæge (OUH/Svendborg)  
2018 – 2021 Orthopaedic surgeon, Knee surgery (Privathospitalet Kollund)  
2018 – Associate Professor (University of Southern Denmark)  
2017 – 2020 Consultant Orthopaedic surgeon / Afdelingslæge (OUH)  
2016 – 2017 Consultant Orthopaedic surgeon / Afdelingslæge, (Bispebjerg)  
2011 – 2016 Specialist training orthopaedic surgery (Bispebjerg – Nyk.Falster)  
2010 – 2011 Introduction in orthopaedic surgery (Køge)  
2009 – 2010 Basic medical training (Bispebjerg Orthop.Dept./General practice)  
2009 MD, Aarhus University

## Surgical experience

High volume knee arthroplasty surgeon:  
> 200 primary procedures annually (medial, lateral, patellofemoral and total knee arthroplasties)  
> 50 revision knee procedures annually (including highly specialized procedures with major bone loss)

## Fellowships

European Knee Society Travelling Fellowship, 15 Nov.-12 Dec. 2015, London, Southampton, Brussels, Berlin, Lyon, Marseille, Florence, Pavia.

EFORT Travelling Fellowship, 11-17. Nov. 2012, Barcelona og Madrid

## Bibliographic overview

Number of peer reviewed publications: 67 (PubMed)  
Number of first authorships: 14 (PubMed)  
Number of last authorships: 18 (PubMed)  
Number of citations: 858 (Scopus)  
H-index: 14 (Scopus)

## Peer reviewed publications

Skov CD, Holsgaard-Larsen A, Kock Wiil U, Lindberg-Larsen M, Varnum C, Jensen CM. **The patient's perspective on rehabilitation with wireless accelerometers, activity tracking and motivational feedback following knee replacement: A qualitative study prior to a randomised controlled trial (KneeActivity)**. International Journal of Medical Informatics. 2024 dec.;192:105624. doi: 10.1016/j.ijmedinf.2024.105624

Skov CD, Lindberg-Larsen M, Wiil UK, Varnum C, Schmal H, Jensen CM et al. **Impact of motivational feedback on levels of physical activity and quality of life by activity monitoring following knee arthroplasty surgery-protocol for a randomized controlled trial nested in a prospective cohort (Knee-Activity)**. BMC Musculoskeletal Disorders. 2024 okt. 2;25:778. doi: 10.1186/s12891-024-07878-0

Risager SK, Arndt KB, Abrahamsen C, Viberg B, Odgaard A, Lindberg-Larsen M. **Risk and Epidemiology of Periprosthetic Knee Fractures After Primary Total Knee Arthroplasty: A Nationwide Cohort Study**. Journal of Arthroplasty. 2024 okt.;39(10):2615-2620. Epub 2024. doi: 10.1016/j.arth.2024.05.033

Hasfeldt D, Højberg Holm J, Lindberg-Larsen M, Overgaard S. **Sense of coherence as a predictor for patients' quality of recovery after total hip or knee arthroplasty - A descriptive cohort study.** International Journal of Orthopaedic and Trauma Nursing. 2024 aug.;54:101099. Epub 2024 apr. 4. doi: 10.1016/j.ijotn.2024.101099

Kornvig S, Kehlet H, Jørgensen CC, Fink-Jensen A, Videbech P, Lindberg-Larsen M et al. **Psychopharmacological treatment in patients planned for hip or knee replacement.** Basic and Clinical Pharmacology and Toxicology. 2024 jul.;135(1):52-59. Epub 2024 maj 10. doi: 10.1111/bcpt.14017

Brix ATH, Rubin KH, Nymark T, Schmal H, Lindberg-Larsen M. **Mortality after major lower extremity amputation and association with index level: a cohort study based on 11,205 first-time amputations from nationwide Danish databases.** Acta Orthopaedica. 2024 jun. 19;95:358–363. doi: 10.2340/17453674.2024.40996

Leta TH, Lie SA, Fenstad AM, Lygre SHL, Lindberg-Larsen M, Pedersen AB et al. **Periprosthetic Joint Infection After Total Knee Arthroplasty With or Without Antibiotic Bone Cement.** JAMA Network Open. 2024 maj 23;7(5):E2412898. doi: 10.1001/jamanetworkopen.2024.12898

Danielsen O, Varnum C, Jensen CB, Jakobsen T, Andersen MR, Bieder MJ et al. **Implementation of outpatient hip and knee arthroplasty in a multicenter public healthcare setting.** Acta Orthopaedica. 2024 maj 7;95:219-224. doi: 10.2340/17453674.2024.40185

Issa LM, Kehlet H, Madsbad S, Lindberg-Larsen M, Varnum C, Jakobsen T et al. **Protocol for a prospective multicentre cohort study to address the question whether diabetes and its management is still a risk factor in fast-track joint arthroplasty.** BMJ Open. 2024 apr. 23;14(4):e080232. doi: 10.1136/bmjopen-2023-080232

Gasbjerg KS, Lunn TH, Hägi-Pedersen D, Overgaard S, Pedersen NA, Lindholm P et al. **Associations of dexamethasone's effect on morphine consumption after total knee arthroplasty: Subgroup analyses.** Acta Anaesthesiologica Scandinavica. 2024 apr.;68(4):546-555. Epub 2024 jan. 24. doi: 10.1111/aas.14377

Elkjær Christensen AL, Bredgaard Jensen C, Gromov K, Mark-Christensen T, Lindberg-Larsen M, Troelsen A. **Champions in usage of medial unicompartmental knee arthroplasty: The story behind the Danish success.** Orthopädie. 2024 apr.;53(4):246-254. Epub 2024 mar. 6. doi: 10.1007/s00132-024-04477-8

Steiness J, Hägi-Pedersen D, Lunn TH, Overgaard S, Brorson S, Graungaard BK et al. **Non-opioid analgesic combinations following total hip arthroplasty (RECIPE): a randomised, placebo-controlled, blinded, multicentre trial.** The Lancet Rheumatology. 2024 apr.;6(4):e205-e215. Epub 2024. doi: 10.1016/S2665-9913(24)00020-1

Brix ATH, Rubin KH, Nymark T, Schmal H, Lindberg-Larsen M. **Major lower extremity amputations – risk of re-amputation, time to re-amputation, and risk factors: a nationwide cohort study from Denmark.** Acta Orthopaedica. 2024 feb. 2;95:86–91. doi: 10.2340/17453674.2024.39963

Arndt KB, Schrøder HM, Troelsen A, Andersen MR, Rasmussen LE, Lindberg-Larsen M. **"Pain without loosening"-revisions of knee arthroplasties in the Danish Knee Arthroplasty Register.** Danish Medical Journal. 2024 jan. 15;71(2):A04230242. doi: 10.61409/A04230242

Murans G, Meska L, Gaurilcikas M, Jespersen SM, Lindberg-Larsen M. **Patient-reported outcome from minimal invasive surgery compared with conventional open surgery for thoracolumbar fractures of the spine.** Brain and Spine. 2024 jan.;4:102782. doi: 10.1016/j.bas.2024.102782

Derby CB, Gasbjerg KS, Hägi-Pedersen D, Lunn TH, Pedersen NA, Lindholm P et al. **Prolonged effects of dexamethasone following total knee arthroplasty: A pre-planned sub-study of the DEX-2-TKA trial.** Acta Anaesthesiologica Scandinavica. 2024 jan.;68(1):35-42. Epub 2023 sep.. doi: 10.1111/aas.14319

Jensen CB, Troelsen A, Foss NB, Nielsen CS, Lindberg-Larsen M, Gromov K. **Half of all hip and knee arthroplasty patients may be potential day-case candidates: a nationwide register study of 166,730 procedures.** Acta Orthopaedica. 2024;95:147-151. doi: 10.2340/17453674.2024.40075

Hald JT, El-Galaly AB, Petersen MM, Lindberg-Larsen M, Christensen R, Odgaard A. **Incidence and survival of multiply revised knee arthroplasties in Denmark 1998–2021: a nationwide register-based study.** Acta Orthopaedica. 2024;95:454-459. doi: 10.2340/17453674.2024.41257

Hald JT, Knudsen UK, Petersen MM, Lindberg-Larsen M, El-Galaly AB, Odgaard A. **Risk factors associated with re-revision following revision total knee arthroplasty: a systematic review.** Bone and Joint Open. 2024;5(8):644-651. doi: 10.1302/2633-1462.58.BJO-2024-0073.R1

Iversen KG, Haaber RS, Stisen MB, Klenø AS, Lindberg-Larsen M, Pedersen AB et al. **The impact of comorbidity status on knee function 1 year after total knee arthroplasty: a population-based cohort study.** Acta Orthopaedica. 2024;95:243-249. doi: 10.2340/17453674.2024.40706

Clausen A, Möller S, Skjødt MK, Lynggaard RB, Vinholt PJ, Lindberg-Larsen M et al. **Validity of Major Osteoporotic Fracture Diagnoses in the Danish National Patient Registry.** Clinical Epidemiology. 2024;16:257-266. doi: 10.2147/CLEP.S444447

Arndt KB, Schrøder HM, Troelsen A, Lindberg-Larsen M. **Patient-reported outcomes and satisfaction after revisions of medial unicompartmental knee arthroplasties for unexplained pain vs aseptic loosening.** Knee Surgery, Sports Traumatology, Arthroscopy. 2023 nov.;31(11):4766-4772. doi: 10.1007/s00167-023-07483-z

Jensen CB, Troelsen A, Foss NB, Nielsen CS, Lindberg-Larsen M, Gromov K. **No difference in short-term readmissions following day-case vs. one overnight stay in patients having hip and knee arthroplasty: a nationwide register study of 51,042 procedures from 2010-2020.** Acta Orthopaedica. 2023 okt. 13;94:516-522. doi: 10.2340/17453674.2023.18658

Gierahn S, Lindberg-Larsen M, Ding M, Dreyer CH. **Behandling med stamceller i ortopædkirurgien.** Ugeskrift for Læger. 2023 jul. 10;185(14):1320-1323. V03220190. Epub 2023 feb. 20.

Bright E, Brix M, Lindberg-Larsen M. **Amputation af arm efter arteriel trombose relateret til COVID-19-infektion.** Ugeskrift for Læger. 2023 maj 29;185(11):1069-1070. V04220259. Epub 2023 jan. 16.

Rosendahl Kristiansen A, Holsgaard-Larsen A, Bøgehøj M, Overgaard S, Lindberg-Larsen M, Ovesen O. **Hip survival after periacetabular osteotomy in patients with acetabular dysplasia, acetabular retroversion, congenital dislocation of the hip, or Legg-Calvé-Perthes disease: a cohort study on 1,501 hips.** Acta Orthopaedica. 2023 maj 10;94:250-256. doi: 10.2340/17453674.2023.12403

Giver Jensen T, Aqeel Khudhair Almadareb M, Booth Nielsen M, Jesper Hansen E, Lindberg-Larsen M. **Outcome After Treatment of Distal Fibula Fractures Using One-Third Tubular Plate, Locking Compression Plate or Distal Anatomical Locking Compression Plate.** Journal of Foot and Ankle Surgery. 2023 maj 1;62(3):524-528. Epub 2022 dec. 29. doi: 10.1053/j.jfas.2022.12.008

Jensen CB, Troelsen A, Foss NB, Nielsen CS, Lindberg-Larsen M, Gromov K. **10-year evolution of day-case hip and knee arthroplasty: a Danish nationwide register study of 166,833 procedures from 2010 to 2020.** Acta Orthopaedica. 2023 apr. 18;94:178-184. doi: 10.2340/17453674.2023.11961

Lindberg-Larsen M, Varnum C, Jakobsen T, Andersen MR, Sperling K, Overgaard S et al. **Study protocol for discharge on day of surgery after hip and knee arthroplasty from the Center for Fast-track Hip and Knee Replacement.** Acta Orthopaedica. 2023 mar. 30;94:121-127. doi: 10.2340/17453674.2023.11636

Steiness J, Hägi-Pedersen D, Lunn TH, Nørskov AK, Lindberg-Larsen M, Graungaard BK et al. **Pain treatment after total hip arthroplasty: Detailed statistical analysis plan for the RECIPE randomised clinical trial.** Acta Anaesthesiologica Scandinavica. 2023 mar.;67(3):372-380. doi: 10.1111/aas.14179

Arndt KB, Schrøder HM, Troelsen A, Lindberg-Larsen M. **Patient-Reported Outcomes and Satisfaction 1 to 3 Years After Revisions of Total Knee Arthroplasties for Unexplained Pain Versus Aseptic Loosening.** The Journal of Arthroplasty. 2023 mar.;38(3):535-540.e3. doi: 10.1016/j.arth.2022.10.019

Rowland T, Lindberg-Larsen M, Santy-Tomlinson J, Jensen CM. **A qualitative study of patients' experiences before, during and after surgical treatment for periprosthetic knee joint infection; "I assumed it had to be like that ...".** International Journal of Orthopaedic and Trauma Nursing. 2023 feb.;48:100992. doi: 10.1016/j.ijotn.2022.100992

Corap Y, Brix M, Brandt JR, Emmeluth C, Lindberg-Larsen M. **Knee function, quality of life, pain, and living conditions after distal femoral resection knee arthroplasty for non-tumor indications.** BMC Musculoskeletal Disorders. 2023 jan. 6;24:9. doi: 10.1186/s12891-022-06104-z

Leta TH, Fenstad AM, Lygre SHL, Lie SA, Lindberg-Larsen M, Pedersen AB et al. **The use of antibiotic-loaded bone cement and systemic antibiotic prophylactic use in 2,971,357 primary total knee arthroplasties from 2010 to 2020: an international register-based observational study among countries in Africa, Europe, North America, and Oceania.** Acta Orthopaedica. 2023;94:416-425. doi: 10.2340/17453674.2023.17737

Trier Heiberg Brix A, Nymark T, Schmal H, Lindberg-Larsen M. **Pneumatic tourniquet versus no tourniquet in transfemoral amputation - a study protocol for a randomized controlled trial.** BMC Musculoskeletal Disorders. 2022 dec. 13;23:1088. doi: 10.1186/s12891-022-06000-6

Arndt KB, Varnum C, Lindberg-Larsen M, Jensen CB, Rasmussen LE. **Readmissions and mortality after outpatient vs inpatient unicompartmental knee arthroplasty in Denmark: A propensity score matched study of 5,384 procedures.** Knee. 2022 okt.;38:50-55. doi: 10.1016/j.knee.2022.07.008

Steiness J, Hägi-Pedersen D, Lunn TH, Lindberg-Larsen M, Graungaard BK, Lundstrom LH et al. **Paracetamol, ibuprofen and dexamethasone for pain treatment after total hip arthroplasty: Protocol for the randomised, placebo-controlled, parallel 4-group, blinded, multicentre RECIPE trial.** BMJ Open. 2022 sep. 1;12(9):e058965. doi: 10.1136/bmjopen-2021-058965

Arndt KB, Schrøder HM, Troelsen A, Lindberg-Larsen M. **Opioid and Analgesic Use Before and After Revision Knee Arthroplasty for the Indications "Pain Without Loosening" Versus "Aseptic Loosening" - A Danish Nationwide Study.** The Journal of Arthroplasty. 2022 aug.;37(8):1618-1625.e3. doi: 10.1016/j.arth.2022.03.077

Corap Y, Brix M, Emmeluth C, Lindberg-Larsen M. **Patient safety in distal femoral resection knee arthroplasty for non-tumor indications: a single-center consecutive cohort study of 45 patients.** BMC Musculoskeletal Disorders. 2022 mar. 3;23:199. doi: 10.1186/s12891-022-05100-7

Lindberg-Larsen M, Petersen PB, Corap Y, Gromov K, Jørgensen CC, Kehlet H et al. **Fast-track revision hip arthroplasty: a multicenter cohort study on 1,345 elective aseptic major component revision hip arthroplasties.** Acta Orthopaedica. 2022 feb. 23;93:341-347. doi: 10.2340/17453674.2022.2196

Gasbjerg KS, Hägi-Pedersen D, Lunn TH, Laursen CC, Holmqvist M, Vinstруп LØ et al. **Effect of dexamethasone as an analgesic adjuvant to multimodal pain treatment after total knee arthroplasty: randomised clinical trial.** The BMJ. 2022 jan. 4;376:e067325. doi: 10.1136/bmj-2021-067325

Arndt KB, Schrøder HM, Troelsen A, Lindberg-Larsen M. **Prosthesis survival after revision knee arthroplasty for "pain without loosening" versus "aseptic loosening": a Danish nationwide study.** Acta Orthopaedica. 2022 jan. 3;93:103-110. Epub 2021 dec. 14. doi: 10.1080/17453674.2021.1999069

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Lindhardt Hansen E, Pedersen L, Lindberg-Larsen M. **Akut kompartmentsyndrom.** Ugeskrift for Læger. 2021 jul. 5;183(22):V11200817.

Fruergaard S, Ohrt-Nissen S, Pitter FT, Høy K, Lindberg-Larsen M, Eiskjær S et al. **Length of Stay, Readmission and Mortality after Primary Surgery for Pediatric Spinal Deformities: A 10-year Nationwide Cohort Study.** The Spine Journal. 2021 apr.;21(4):653-663. doi: 10.1016/j.spinee.2021.01.004

Fruergaard S, Ohrt-Nissen S, Pitter FT, Høy K, Lindberg-Larsen M, Eiskjær S et al. **Revision risk after pediatric spinal deformity surgery: a nationwide study with 2-year follow-up.** Spine Journal. 2021 apr.;21(4):642-652. doi: 10.1016/j.spinee.2020.12.002

Petersen PB, Lindberg-Larsen M, Jørgensen CC, Kehlet H, Lundbeck Foundation Centre for Fast-track Hip and Knee Arthroplasty collaborating group, Madsen F et al. **Venous thromboembolism after fast-track elective revision hip and knee arthroplasty: A multicentre cohort study of 2814 unselected consecutive procedures.** Thrombosis Research. 2021 mar.;199:101-105. doi: 10.1016/j.thromres.2021.01.003

Lindberg-Larsen M, Petersen PB, Jørgensen CC, Overgaard S, Kehlet H, Lundbeck Foundation Center for Fast-track Hip and Knee Arthroplasty Collaborating Group. **Postoperative 30-day complications after cemented/hybrid versus cementless total hip arthroplasty in osteoarthritis patients > 70 years: A multicenter study from the Lundbeck Foundation Centre for Fast-track Hip and Knee replacement database and the Danish Hip Arthroplasty Register.** Acta Orthopaedica. 2020 jun.;91(3):286-292. doi: 10.1080/17453674.2020.1745420

Pitter FT, Sikora M, Lindberg-Larsen M, Pedersen AB, Dahl B, Gehrchen M. **Use of Opioids and Other Analgesics Before and After Primary Surgery for Adult Spinal Deformity: A 10-Year Nationwide Study.** Neurospine. 2020 mar.;17(1):237-245. doi: 10.14245/ns.1938106.053

Pitter FT, Lindberg-Larsen M, Pedersen AB, Dahl B, Gehrchen M. **Revision Risk After Primary Adult Spinal Deformity Surgery: A Nationwide Study With Two-Year Follow-up.** Spine Deformity. 2019 jul. 1;7(4):619-626.e2. doi: 10.1016/j.jspd.2018.10.006

Lindberg-Larsen M, Pitter FT, Husted H, Kehlet H, Jørgensen CC, Lundbeck Foundation Centre for Fast-Track Hip and Knee Replacement Collaborative Group. **Simultaneous vs staged bilateral total knee arthroplasty: a propensity-matched case-control study from nine fast-track centres.** Archives of Orthopaedic and Trauma Surgery. 2019 maj;139(5):709-716. doi: 10.1007/s00402-019-03157-z

Pitter FT, Lindberg-Larsen M, Pedersen AB, Dahl B, Gehrchen M. **Readmissions, Length of Stay, and Mortality After Primary Surgery for Adult Spinal Deformity: A 10-Year Danish Nationwide Cohort Study.** Spine. 2019 jan. 15;44(2):E107-E116. doi: 10.1097/BRS.0000000000002782

Schmiegelow MT, Sode N, Riis T, Lauritzen JB, Duus BR, Lindberg-Larsen M. **Re-amputations and mortality after below-knee, through-knee and above-knee amputations.** Danish Medical Journal. 2018 dec. 1;65(12):A5520.

Terndrup M, Jensen T, Kring S, Lindberg-Larsen M. **Should we bury K-wires after metacarpal and phalangeal fracture osteosynthesis?** Injury. 2018 jun. 1;49(6):1126-1130. doi: 10.1016/j.injury.2018.02.027

Lindberg-Larsen V, Ostrowski SR, Lindberg-Larsen M, Røvsing ML, Johansson PI, Kehlet H. **The effect of pre-operative methylprednisolone on early endothelial damage after total knee arthroplasty: a randomised, double-blind, placebo-controlled trial.** Anaesthesia. 2017 okt.;72(10):1217-1224. doi: 10.1111/anae.13983

Lindberg-Larsen M, Lundbeck Foundation Centre for Fast-track Hip and Knee Replacement. **Increased risk of intraoperative and early postoperative periprosthetic femoral fracture with uncemented stems: 7,169 total hip arthroplasties from 8 Danish centers.** Acta Orthopaedica. 2017 aug.;88(4):390-394. doi: 10.1080/17453674.2017.1302908

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Lindberg-Larsen M, Jørgensen CC, Bæk Hansen T, Solgaard S, Odgaard A, Kehlet H. **Re-admissions, re-operations and length of stay in hospital after aseptic revision knee replacement in Denmark: a two-year nationwide study.** The Bone & Joint Journal. 2014 dec. 1;96-B(12):1649-1656. doi: 10.1302/0301-620X.96B12.33621

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Lindberg-Larsen M, Penny JØ. **No need for immediate freezing of metal ion blood samples in patients with metal-on-metal hip articulations.** Danish Medical Journal. 2012 dec.;59(12):A4546.

Fenger-Eriksen C, Lindberg-Larsen M, Christensen AQ, Ingerslev J, Sørensen B. **Fibrinogen concentrate substitution therapy in patients with massive haemorrhage and low plasma fibrinogen concentrations.** British Journal of Anaesthesia. 2008 dec.;101(6):769-773. doi: 10.1093/bja/aen270

## Oral presentations/Invited speaks

Lindberg-Larsen M. Our experience with Periprosthetic fractures, Denmark, Attune Symposium, Malmö, Sweden, (invited speak)

Lindberg-Larsen M., Early Advancements in Public Multicenter Implementation of Day-Case Hip and Knee Arthroplasty – Insights from Denmark, The 2024 Combined Meeting of The Knee Society and the European Knee Society, London, UK, (invited speak)

Lindberg-Larsen M. Periprosthetic knee fractures - Danish nationwide data, London Knee Meeting 2024, London, UK, (invited speak)

Lindberg-Larsen M. Day-case hip and knee arthroplasty – insights from Denmark, London Knee Meeting 2024, London, UK, (invited speak)

Lindberg-Larsen M. Annual Report from Danish Knee Arthroplasty Register 2022. DOS Kongres 2023, Copenhagen, Denmark

Lindberg-Larsen M. Multicenter implementation of discharge on day of surgery after primary knee arthroplasties, London Knee Meeting 2023, London, UK, (invited speak)

Lindberg-Larsen M. Revision for unexplained pain, London Knee Meeting 2023, London, UK, (invited speak)

Lindberg-Larsen M. Patient-reported outcomes and satisfaction 1-3 years after revisions of knee arthroplasties for the indications unexplained pain vs aseptic loosening. EKS Closed Meeting 2023, Kitzbühel, Austria

Lindberg-Larsen M. Annual Report from Danish Knee Arthroplasty Register 2021. DOS Kongres 2022, Copenhagen, Denmark

Lindberg-Larsen M. Fast-Track Revision Hip Arthroplasty. A Multicenter Cohort Study On 1345 Elective Aseptic Major Component Revision Hip Arthroplasties. 2022. Abstract from 23rd annual Congress, EFORT, Lissabon, Portugal

Lindberg-Larsen M. Replace versus Reconstruct: Evidence. 2022. Abstract from EFORT Webinar

Lindberg-Larsen M. Fast-track revision knee arthroplasty. A multicenter cohort study on 1439 elective aseptic major component revision knee arthroplasties. Abstract from DOS Kongres 2021, Copenhagen, Denmark

Lindberg-Larsen M. Fast-Track Revision Knee Arthroplasty: A Prospective Observational Multicenter Cohort Study On 1439 Elective Aseptic Major Component Revision Knee Arthroplasties. Abstract from Virtual EFORT Congress 2021

Lindberg-Larsen M. Debridement and Liner Exchange of the Infected Knee Arthroplasty. European Knee Society Closed Meeting, Megeve 2019

Lindberg-Larsen M. Revision of infected knee arthroplasties in Denmark Danish Orthopaedic Society Annual Meeting, October 2018, EFFORT FORA, (Invited speak)

Lindberg-Larsen M. Simultaneous versus staged bilateral total knee arthroplasty - A propensity matched case-control study from 9 fast-track centres. Danish Orthopaedic Society Annual Meeting, October 2017

Lindberg-Larsen M. Infectious Knee Arthroplasty Revisions In Denmark. An Outcome Analysis Of 105 Partial Revisions (Open Debridement And Exchange Of Tibial Insert) And 215 Two-Stage Revisions. 2016. Abstract from 17th EFORT Congress, Geneve, Schweiz.

Lindberg-Larsen M. Intraoperative and early postoperative periprosthetic femoral fractures after total hip arthroplasty. Danish Orthopaedic Society Annual Meeting, October 2016

Lindberg-Larsen M. High two-year revision rates after primary knee arthroplasty – causes and implemented interventions for improvement. Danish Orthopaedic Society Annual Meeting, October 2016

Lindberg-Larsen M. Causes of prolonged length of stay and readmissions after “fast-track” total knee arthroplasty. Danish Orthopaedic Society Annual Meeting, October 2016

Lindberg-Larsen M. Revision of infected knee arthroplasties in Denmark. EFORT Geneva, June 2016

Lindberg-Larsen M. Microbiology and outcome after revision of infected knee arthroplasties in Denmark. EFORT Geneva, June 2016

Lindberg-Larsen M. Early morbidity after bilateral and revision hip and knee arthroplasty in Denmark. 2015.

Lindberg-Larsen M. Rapid recovery in bilateral and revision hip and knee arthroplasty. Rapid Recovery Expert Meeting, November 2015, (invited speak)

Lindberg-Larsen M. The influence of infecting microorganisms on outcome after infectious revision knee arthroplasty. Danish Orthopaedic Society Annual Meeting, October 2015

Lindberg-Larsen M. Success rates and failures after infectious revision knee arthroplasty in Denmark. A two year nationwide study. Danish Orthopaedic Society Annual Meeting, October 2015

Lindberg-Larsen M. Early morbidity after aseptic revision hip surgery. Danish Orthopaedic Society Annual Meeting, October 2014

Lindberg-Larsen M. Early morbidity after aseptic revision knee surgery. EFORT London, June 2014

Lindberg-Larsen M. Early morbidity after aseptic revision knee surgery. Danish Orthopaedic Society Annual Meeting, October 2013

Lindberg-Larsen M. Bilateral THA/TKA. A nationwide study. EFORT Istanbul, June 2013

Lindberg-Larsen M. Bilateral THA/TKA. A nationwide study. Danish Orthopaedic Society Annual Meeting, October 2012

Lindberg-Larsen M. Bilateral TKA/THA and Revision TKA/THA. Lundbeck Foundation for Fast-track TKA/THA Annual Meeting, April 2012

Lindberg-Larsen M. Metal ion levels in the blood of patients with metal-on-metal (MoM) joint articulations. Does storage of blood samples matter? Meet The Experts Conference, Interlaken, Switzerland, April 2011 (poster)

Lindberg-Larsen M. Metal ion levels in the blood of patients with metal-on-metal (MoM) joint articulations. Does storage of blood samples matter? Danish Orthopaedic Society Annual Meeting, October 2011

Lindberg-Larsen M. Fibrinogen concentrate substitution therapy in patients with massive haemorrhage and low plasma fibrinogen concentrations. Young Haemostasiologists Annual Meeting, March 2007

## Awards

### Danish Orthopaedic Society - Best scientific paper award 2014

Lindberg-Larsen, M. (Modtager), 23. okt. 2018

## Track record

### INTERNAL APPLICATIONS

Internal funds applied in total: 4.455.244,90 DKK, Internal funds obtained in total: 2.397.344,90 DKK, Hitrate: 54%

MAIN APPLICANT (applied: 3.840.244,90, obtained: 1.782.344,90 DKK, hitrate: 46%)

2023 - OUHs internationaliseringspulje - applied for 131.474 DKK (Adj. Professor Yrjänä Nietosvaara) - grant given

2023 - OUHs internationaliseringspulje - applied for 131.474 DKK (Adj. Professor Matthew Costa) - grant given

2022 - OUHs overlægerådets forskningsfond - applied for 50.000 DKK (PhD project Anna Brix) - grant given 30.000 DKK

2022 - OUHs Ph.d.-pulje - applied for 592.000 DKK (PhD project Stefan Risager) - grant given

2021 - OUH's pulje for skånsom kirurgi - applied for 147.396,90 DKK (amputation) - grant given

2021 - OUH's pulje til ph.d.-stipendier - applied for 584.000 DKK (PhD project Anna Brix) - grant not given

2021 - OUH's pulje til ph.d.-stipendier - applied for 584.000 DKK (PhD project Stefan Risager) - grant not given

2021 - Forskningspulje mellem RH og OUH - applied for 530.000 DKK (Periprosthetic fractures of the knee - PhD project Stefan Risager) - grant given

2021 - Forskningspulje mellem RH og OUH - Applied for 279.900 DKK (Implementation of outpatient hip and knee arthroplasty in a fast-track setup - a multicentre feasibility and safety study) - grant not given

2021 - OUH prægraduatpulje (Anne Rosendahl) - applied for 60.000 DKK - grant given

2020 - OUH's pulje for skånsom kirurgi: Applied for 150.000 DKK (infection studies) - grant given

2019 - OUH's PhD pulje: Applied for 550.000 DKK (PhD-project Kristine B. Arndt) - grant not given

2018 - A3233, Overlægerådets forskningsfond: Applied for 50.000 DKK (one-stage vs two-stage) - grant given 10.000 DKK

### CO-APPLICANT

2022 - Forskningspulje mellem RH og OUH - applied for 415.000 DKK - grant given

2021 - OUH's innovationspulje (main applicant Anders Holsgaard Larsen) Applied for 200.000 DKK (KneeActivity) - grant given

### EXTERNAL APPLICATIONS

External funds applied in total: 34.248.934 DKK, External funds obtained in total: 22.154.900 DKK, Hitrate: 65%

MAIN APPLICANT (applied: 17.060.156, obtained: 5.954.900, hitrate: 35%)

2023 - SDU Faculty Scholarship - applied for 610.000 DKK (PhD-project Oddrún Danielsen) - grant given

2023 - SDU Faculty Scholarship - applied for 610.000 DKK (PhD-project Oddrún Danielsen) - grant not given

2023 - Region Syddanmarks ph.d.-pulje - applied for 610.000 DKK (PhD-project Oddrún Danielsen) - grant not given

2022 - Osteoporoseforeningen - applied for 250.000 DKK (PhD-project Stefan Risager) - grant not given

2022 - Sygeforsikring Danmark - applied for 5.269.704 DKK (Fast-track) - grant not given



2021- Novo Nordisk Fonden - applied for 2.010.900 DKK (PhD-project Anna Brix) - grant given

2021 - SDU faculty scholarship: Applied for 550.000 DDK (PhD-project Stefan Risager) - grant given

2021 - Region Syddanmarks Ph.d.-pulje - applied for 584.000 DKK (PhD project Anna Brix) - grant given

2021 - Trygfonden - applied for 2.004.706 DKK (Better life after major lower extremity amputation) - (PhD-project Anna Brix) - grant not given

2021 - Gigtforeningen - applied for 100.000 DKK (PhD-project Stefan Risager) - grant given

2021 - Gigtforeningen - applied for 500.000 DKK (PhD-project Stefan Risager) - grant not given

2021 - Gangstedfonden - applied for 500.000 DKK (PhD-project Anna Brix) - grant not given

2021 – Fonden af 17-12-1981 – applied for 108.000 DKK (PAO study Anne Rosendahl) - grant not given

2020 - Fælles Regional Forskningspulje mellem Region Sjælland og Region Syddanmark - applied for 135.000 DKK (infection studies) – grant given 50.000 DKK

2020 - Fælles Regional Forskningspulje mellem Region Sjælland og Region Syddanmark - applied for (PhD-project Kristine B. Arndt) 550.000 DKK – grant given 275.000 DKK

2020 – SDU faculty scholarship - applied for 550.000 DKK (PhD-project Kristine B. Arndt) - grant given

2019 – Gigtforeningen - applied for 120.000 DKK (PhD-project Kristine B. Arndt) – grant given

2019 - Region Syddanmarks ph.d.-pulje - applied for 561.000 DKK (PhD-project Kristine B. Arndt) – grant given

2019 - legatbevilling fra Grosserer Chr. Andersen og hustru Ingeborg Ovidia Signe Andersen, født Schmidts Legat (fond) - applied for 20.000 DKK (PhD-project Kristine B. Arndt) – grant given

2018- legatbevilling fra Grosserer Chr. Andersen og hustru Ingeborg Ovidia Signe Andersen, født Schmidts Legat (fond) - applied for 20.000 DKK (one-stage vs two-stage) – grant given

2017 og 2018 - Region Syddanmarks Forskningspulje - applied for 446.423 DKK (one-stage vs. two-stage) – grant not given

2017 – Region Syddanmarks pulje for kliniske forskerkarriereløb - applied for 504.000 DKK (til 20% forskningsfri i 3 år) – grant given

CO-APPLICANT

2023 - New Candy Foundation - applied for 1.200.000 DKK - grant given

2023 - Fri- og strategisk forskningspulje - applied for 988.778 DKK (main applicant Simon Kornvig)

2021 – Novo Nordisk Fonden – applied for 15.000.000 DKK (center for fast-track hip and knee arthroplasty – multicenter collaboration) - grant given

## Teaching experience

See Teaching Portfolio for a detailed overview

Head of research since January 2021 / Associate professor SDU since 2018

2021-: Research training for orthopaedic doctors doing specialist training, Region of Southern Denmark

2018+2023: Responsible for the oral OSCE paper

2018-: Medicine (Master of Science), Module K2 "The musculoskeletal system and blood-forming organs", University of Southern Denmark

2018-: Master of Science in Clinical Biomechanics (Chiropractor), Module K1/K3 "General diagnostics 2 - orthopedics", University of Southern Denmark

2017-2020: OSCE (examination orally or in writing) at University of Southern Denmark

2016: Pre-graduate teaching at University of Copenhagen

## Academic supervision:

PhD students:

2023, University of Southern Denmark: Main supervisor on 1 PhD student (Oddrún Danielsen)

2023, University of Southern Denmark: Co-supervisor on 1 PhD student (Cecilie Døllerup Skov)  
2022, University of Southern Denmark: Main supervisor on 1 PhD student (Stefan Risager)  
2022, University of Southern Denmark: Main supervisor on 1 PhD student (Anna Brix)  
2022, University of Copenhagen: Co-supervisor on 1 PhD student (Julius Hald)  
2022, University of Southern Denmark: Co-supervisor on 1 PhD student (Trine Ahlmann Pedersen)  
2020, University of Southern Denmark: Main supervisor on 1 PhD student (Kristine B. Arndt)  
2019, University of Copenhagen: Co-supervisor on 1 PhD student (Frederik T. Pitter)

Undergraduate research year:

2021, Research year, University of Southern Denmark, 1 student (Anne Rosendahl)  
2014, University of Copenhagen, 1 student. (Frederik T. Pitter)

Master's thesis:

2024, University of Southern Denmark: Main supervisor on 2 Master's thesis (Jeppe Mortensen and Jeppe Michelsen)  
2023, University of Southern Denmark: Main supervisor on 1 Master's thesis (Ayla Haddadi and Raiso Ali)  
2022, University of Southern Denmark: Main supervisor on 1 Master's thesis (Adelat Corap and Fatma Kandela)  
2020, University of Southern Denmark: Main supervisor on 1 Master's thesis (Yasemin Corap)

## Reviewer activity

UNIVERSITY TASKS:

- Chair of assesment committee, PhD thesis at SDU, October 2024 (Lis Knærke Søgaard Berthou)
- External reviewer, PhD thesis at KU, June 2023 (Simon Majormoen Bruhns)
- External reviewer, PhD thesis at KU, April 2023 (Müjgan Yilmaz)
- External reviewer, PhD thesis at KU, July 2021 (Mette Mikkelsen)
- External reviewer, post doc, December 2021
- External reviewer, PhD protocol (IRS/SDU), May 2021

PEER REVIEWER (ACADEMIC JOURNALS):-The Bone & Joint Journal, Acta Orthopaedica, The Knee, Archives Orthopaedic and Trauma Surgery

## International relations

NARA (Nordic Arthroplasty Register Association)

Member of European Knee Society (EKS) 2018 -

European Knee Society scientific collaborators: Imperial College London, Southampton University Hospital NHS, Cliniques universitaires Saint-Luc's Knee Surgery Unit Bruxelles, Charité and Humboldt University Berlin, Université d'Aix-Marseille, Hôpital Sainte- Marguerite, Centre Albert Traillat University Hospital Lyon, University of Florence.

Lundbeck foundation centre for fast-track hip and knee replacement collaborative group: Sahlgrenska University Hospital, Hassleholm Hospital, Massachusetts General Hospital Boston.

## Board memberships and other memberships

Department of Orthopaedics & Scoliosis Surgery, Texas Children's Hospital & Baylor College of Medicine

Danish Knee Arthroplasty Register, Chairman 2022-

NARA (Nordic Arthroplasty Register Association), steering committee member 2021-

The Lundbeck Foundation Centre for Fast-track hip and knee arthroplasty, steering committee member 2020-

Danish Knee Arthroplasty Register, steering committee member 2020-

Gender Equality Team, University of Southern Denmark, SUND, board member March 2019 –

Danish Society for Hip and Knee Replacement , member 2019 -

European Knee Society (EKS), member 2018 -

DOS, Danish Orthopaedic Society, member 2010-

HAIBA (Hospital Acquired Infections database), expert group, 2015 - 2017

## Most important ongoing research projects

Member of steering committee: Discharge on day of surgery

Project leader of a national multicenter RCT: One-stage versus two-stage revision of the infected knee arthroplasty

Site-investigator, OUH/Svendborg: Randomized clinical trial of medial unicompartmental versus total arthroplasty for medial tibio-femoral OA

Site-investigator, OUH: DEX-2-TKA - DEXamethasone twice for pain treatment of Total Knee Arthroplasty: a randomized, blinded, parallel, three-group multicentre clinical trial.

Site-investigator, OUH/Svendborg: Effect of Combinations of Paracetamol, Ibuprofen, and Dexamethasone on Patient-Controlled Morphine Consumption in the First 24 Hours After Total Hip Arthroplasty. The RECIPE Randomized Clinical Trial

Principal supervisor, PhD project: Revisions of knee arthroplasties due to pain; survivorship, use of analgesics, patient reported outcome and validation of the indication.

## Courses

2022, Oct. 12-15: Problem Solved!? Advancing Arthroplasty Together (Madrid, Spain)

2021, Sept. - 2022, Feb.: Effective research - Increasing value by reducing waste (5 days of 8 hours + 1 hour virtual arrangement)

2021, Sept. 16: Responsible Conduct of Research

2021, May 18 - 2022 Feb. 2. Supervision af forskningsledere på tværs af Region Syddanmark (32,5 hours consisting of both workshops and individual supervision and coaching)

2021, April 29 + August 31: Ledelse af forskning - et udviklingsforløb for afdelingsledelser på OUH (8 hours x 2)

2016, April 7-8: Oxford partial knee replacement course (Oxford)

2015, Sept. 7-9, 16: SOL 3 (Sundhedsvæsenets organisation og ledelse)

2015, Feb. 5-6: DePuy knee cadaver joint reconstruction (Tamparere)

2014, Jan. 20-22: Intensive Medical Writing Course (KU)

2013, Sept. 3 - Nov. 12: Basic Statistics for Health Researchers (KU)

2013, June 25-26: AO Advanced operative fracture management (Leeds)

2013, March 7-9: ATLS (Roskilde)

2013, Jan. 10-11: Responsible conduct of research (KU)

2012, Nov. 26-28: SOL 2 (Sundhedsvæsenets organisation og ledelse)

2011, April 24-26: SAKS – Knee cadaver arthroscopy (Copenhagen)

2011, Feb. 7-8: DUDS – Basiskursus i muskuloskeletal ultralyd (Skejby)

2011, Jan. 24-27: AO – Principles operative fracture management (Dublin)

2010, Oct. 14-15: LAS 1 (Ledelse, administration og samarbejde)

2009, Oct. 21, 29, 30: Patient-centered communication (CEKU)

2009, April 29-30: Pedagogy 1 (CEKU)