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Main research areas

The main focus areas are 1) determine the feasibility of physical rehabilitation interventions 2) examine the effect of such interventions proven feasible, 3) development and validation of outcome measures, and 4) examination of factors influencing in-hospital outcome, primarily in patients with hip fracture and after dys-vascular lower limb amputation, but also involved in studies of patients with Geriatric disorders, major abdominal surgery, Lung diseases, Diabetes, Clavicle fractures and Achilles tendon ruptures.

Employment

Professor, PhD

Department of Physical and Occupational Therapy, Bispebjerg-Frederiksberg Hospital, University of Copenhagen.

The Capital Region of Denmark

1 May 2021 → present

Professor

University of Copenhagen

Copenhagen, Denmark

1 May 2021 → present

Associate Professor

University of Copenhagen

Copenhagen, Denmark

1 Jan 2020 → 30 Apr 2021

Publications

Strategies used by patients when getting in and out of bed early after hip fracture surgery - the HIP-ME-UP cohort

HIP-ME-UP Collaborative Group, 21 Apr 2025, (E-pub ahead of print) In: Hospital practice. p. 2491305

Applying both the 30-s and the 5-repetition sit-to-stand tests captures dissimilar groups and a broader spectrum of physical abilities in mobility-limited older individuals: results from the BIOFRAIL study

Hansen, P., Nygaard, H., Ryg, J., Kristensen, M. T. & Suetta, C., Apr 2025, In: European Geriatric Medicine. 16, 2, p. 703-707 5 p.

Very low levels of physical activity among patients hospitalized following hip fracture surgery: a prospective cohort study

HIP-ME-UP Collaborative Group, 21 Jan 2025, (E-pub ahead of print) In: Disability and Rehabilitation. p. 1-10 10 p.

Early mobilisation after hip fracture surgery reduces the risk of infection: an inverse probability of treatment weighted analysis

Hjelholt, T. J., Andersen, I. T., Kristensen, M. T. & Pedersen, A. B., 6 Jan 2025, In: Age and Ageing. 54, 1, p. afaf007 afaf007.

Readmission and mortality before and after introduction of orthogeriatric home visits: A retrospective cohort study in hip fracture patients

Ekmann, A., Jensen, T. G., Kristensen, M. T., Lunn, T. H., Pressel, E., Palm, H., Suetta, C., Overgaard, S. & Aasbrenn, M., Dec 2024, In: Injury. 55, 12, p. 111937 111937.

Intra-Rater Reliability of Panoramic Ultrasound Imaging for Determining Quadriceps Muscle Cross-Sectional Area in Middle-Aged and Elderly Adults

Sørensen, B., Magnusson, S. P., Couppé, C., Suetta, C., Johannsen, F. E., Kristensen, M. T. & Aagaard, P., Nov 2024, In: Scandinavian journal of medicine & science in sports. 34, 11, e14749.

Alcohol and drug use in adults younger than 60 years with hip fracture - A comparison of validated instruments and the clinical eye: A prospective multicenter cohort study of 218 patients

Rogmark, C., Magnusson, Å., Svanholm, S., Viberg, B., Kristensen, M. T., Palm, H., Overgaard, S. & Rönquist, S. S., Oct 2024, In: *Injury*. 55, 10, 7 p., 111765.

Intensified acute in-hospital physiotherapy for patients after hip fracture surgery: a pragmatic, randomized, controlled feasibility trial

Zilmer, C. K., Kristensen, M. T., Magnusson, S. P., Bährentz, I. B., Jensen, T. G., Zoffmann, S. Ø., Palm, H. & Bieler, T., Oct 2024, In: *Disability and Rehabilitation*. 46, 20, p. 4725-4734 10 p.

Variation in care and outcome for fragile hip fracture patients: a European multicentre study benchmarking fulfilment of established quality indicators

Coeckelberghs, E., Vanhaecht, K., Akiki, A., Castellón, P., Cox, B., Attal, R. E., Foss, N. B., Frihagen, F., Gerich, T. G., Kanakaris, N. K., Kristensen, M. T., Mohaddes, M., Panella, M., Pape, H. C., Sermon, A., Seys, D. & Nijs, S., Oct 2024, In: *European journal of trauma and emergency surgery : official publication of the European Trauma Society*. 50, 5, p. 2421-2430 10 p.

Association between additional weekend rehabilitation and functional outcomes in patients with hip fractures: does age affect the effectiveness of weekend rehabilitation?

Ogawa, T., Onuma, R., Sagae, H., Schermann, H., Kristensen, M. T., Fushimi, K., Yoshii, T. & Jinno, T., Aug 2024, In: *European Geriatric Medicine*. 15, 4, p. 1091-1100 10 p.

The relationship between extent of mobilisation within the first postoperative day and 30-day mortality after hip fracture surgery

Kristensen, M. T., Turabi, R. & Sheehan, K. J., Jul 2024, In: *Clinical Rehabilitation*. 38, 7, p. 990-997 8 p.

Comparison of two electronic dynamometers for measuring handgrip strength

Rolsted, S. K., Andersen, K. D., Dandanell, G., Dall, C. H., Zilmer, C. K., Bülow, K. & Kristensen, M. T., Jun 2024, In: *Hand surgery & rehabilitation*. 43, 3, p. 101692 101692.

Fatigue, fear of being mobilized and residual limb pain limit independent basic mobility and physiotherapy for patients early after major dysvascular lower extremity amputation: A prospective cohort study

Berger, A. L., Nielsen, A. Ø., Stie, S. B. & Kristensen, M. T., May 2024, In: *Geriatrics & gerontology international*. 24, 5, p. 470-476 7 p.

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Arens, C. H., Johnsen, N. M., Milanese, M., Weli, A. H., Linnebjerg, C., Christensen, H. & Kristensen, M. T., May 2024, In: *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*. 33, 5, p. 107630 107630.

The role of depression in the association between mobilisation timing and live discharge after hip fracture surgery: Secondary analysis of the UK National Hip Fracture Database

Milton-Cole, R., Goubar, A., Ayis, S., O'Connell, M. D. L., Kristensen, M. T., Schuch, F. B. & Sheehan, K. J., Apr 2024, In: *PLoS One*. 19, 4, p. e0298804 e0298804.

Early Mobilisation and exercise after fragility fracture

Kristensen, M. T., Keene, D. J. & Queirós, C., Jan 2024, *Early Mobilisation and exercise after fragility fracture*. Springer Cham, p. 129 142 p.

The impact of oxygen saturation on functional performance in patients with COPD on long-term oxygen therapy – a randomized crossover trial

Kofod, L. M., Hansen, E. F., Brocki, B. C., Kristensen, M. T., Roberts, N. & Westerdahl, E., 2024, In: *European Respiratory Journal*. 64(suppl68), OA3695

No effect of hydroxyapatite-coated sliding hip screw threads on screw migration in the femoral head/neck of pertrochanteric fractures: a randomized controlled trial using radiostereometric analysis

Krogh, A. C., Thillemann, J. K., Hansen, T. B., Holck, K., Kristensen, M. T., Palm, H. & Stilling, M., 14 Sept 2023, In: Journal of orthopaedic surgery and research. 18, 1, 686.

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Association between additional weekend rehabilitation and in-hospital mortality in patients with hip fractures

Ogawa, T., Onuma, R., Kristensen, M. T., Yoshii, T., Fujiwara, T., Fushimi, K., Okawa, A. & Jinno, T., 1 Aug 2023, In: The bone & joint journal. 105-B, 8, p. 872-879 8 p.

Validation of an accelerometer system for measuring physical activity and sedentary behavior in healthy children and adolescents

Milther, C., Winther, L., Stahlhut, M., Curtis, D. J., Aadahl, M., Kristensen, M. T., Sørensen, J. L. & Dall, C. H., Aug 2023, In: European Journal of Pediatrics. 182, 8, p. 3639-3647 9 p.

Physical activity in young hip fracture patients is associated with health-related quality of life and strength; results from a multicenter study

Lindestrand, A. G., Rönquist, S. S., Viberg, B., Overgaard, S., Palm, H., Rogmark, C. & Kristensen, M. T., 1 Apr 2023, In: Injury. 54, 4, p. 1191-1197 7 p.

Achilles tendon gait dynamics after rupture: A three-armed randomized controlled trial comparing an individualized treatment algorithm vs. operative or non-operative treatment

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Ignatiussen, M. E., Pedersen, P., Holm, G., Thomsen, M. G. & Kristensen, M. T., 17 Feb 2023, In: Danish Medical Journal. 70, 3, A07220435.

Older patients' perspectives on participating in multimodal rehabilitation including anabolic steroids following hip fracture: a qualitative study embedded within a pilot RCT

Hulsbæk, S., Laursen, L. B., Kristensen, M. T. & Midtgaard, J., Jan 2023, In: Disability and Rehabilitation. 45, 1, p. 81-89 9 p., 2025929.

Automated oxygen titration at home for patients with COPD - a pilot study

Kofod, L. M., Hansen, E. F., Brocki, B., Kristensen, M. T. & Westerdahl, E., 2023, In: European Respiratory Society. 62: Suppl. 67, PA1040.

Early intensive mobilization after acute high-risk abdominal surgery: a nonrandomized prospective feasibility trial

Jønsson, L. R., Foss, N. B., Orbæk, J., Lauritsen, M. L., Sejrsen, H. N. & Kristensen, M. T., 2023, In: Canadian journal of surgery. Journal canadien de chirurgie. 66, 3, p. E236-E245

Mobilisation and physiotherapy intervention following hip fracture: snapshot survey across six countries from the Fragility Fracture Network Physiotherapy Group

Purcell, K., Tiedemann, A., Kristensen, M. T., Cunningham, C., Hjermundrud, V., Ariza-Vega, P., Perracini, M. & Sherrington, C., Nov 2022, In: Disability and rehabilitation. 44, 22, p. 6788-6795 8 p.

Systematisk måling af fysisk funktion hos voksne patienter på tværs af diagnoser

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The Copenhagen Achilles Length Measurement Performed at Time of Acute Achilles Tendon Rupture is Correlated to Tendon Elongation After 1 Year

Barfod, K. W., Hansen, M. S., Sandholdt, H., Boesen, A., Hölmich, P., Troelsen, A. & Kristensen, M. T., 1 Sept 2022, In: The Journal of foot and ankle surgery : official publication of the American College of Foot and Ankle Surgeons. 61, 5, p. 1098-1102 5 p.

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Overgaard, J. A., Kallemose, T., Mangione, K. K. & Kristensen, M. T., 5 Jul 2022, In: The journals of gerontology. Series A, Biological sciences and medical sciences. 77, 7, p. 1455-1462 8 p., glab256.

Frailty and osteoporosis in patients with hip fractures under the age of 60—a prospective cohort of 218 individuals

Strøm Rønnquist, S., Viberg, B., Kristensen, M. T., Palm, H., Jensen, J.-E. B., Madsen, C. F., Åkesson, K. E., Overgaard, S. & Rogmark, C., May 2022, In: Osteoporosis International. 33, 5, p. 1037-1055 19 p.

Correction to: Quality indicators in the treatment of geriatric hip fractures: literature review and expert consensus (Archives of Osteoporosis, (2021), 16, 1, (152), 10.1007/s11657-021-00995-6)

Sermon, A., Slock, C., Coeckelberghs, E., Seys, D., Panella, M., Bruyneel, L., Nijs, S., Akiki, A., Castillon, P., Chipperfield, A., El Attal, R., Foss, N. B., Frihagen, F., Gerich, T. G., Gümbel, D., Kanakaris, N., Kristensen, M. T., Malchau, I., Palm, H. & Pape, H.-C. & 1 others, Vanhaecht, K., 22 Apr 2022, 2 p.

The cumulated ambulation score is superior to the new mobility score and the de Morton Mobility Index in predicting discharge destination of patients admitted to an acute geriatric ward; a 1-year cohort study of 491 patients

Agesen, M., Kristensen, M. T. & Vinther, A., 10 Apr 2022, In: Disability and Rehabilitation. 44, 8, p. 1481-1488 8 p.

Exercise Therapy Is Effective at Improving Short- and Long-Term Mobility, Activities of Daily Living, and Balance in Older Patients Following Hip Fracture: A Systematic Review and Meta-Analysis

Hulsbæk, S., Juhl, C., Røpke, A., Bandholm, T. & Kristensen, M. T., 1 Apr 2022, In: The journals of gerontology. Series A, Biological sciences and medical sciences. 77, 4, p. 861-871 11 p., glab236.

The impact of the frequency, duration and type of physiotherapy on discharge after hip fracture surgery: a secondary analysis of UK national linked audit data

Goubar, A., Ayis, S., Beaupre, L., Cameron, I. D., Milton-Cole, R., Gregson, C. L., Johansen, A., Kristensen, M. T., Magaziner, J., Martin, F. C., Sackley, C., Sadler, E., Smith, T. O., Sobolev, B. & Sheehan, K. J., Apr 2022, In: Osteoporosis International. 33, 4, p. 839-850 12 p.

Validity, Responsiveness, and Predictive Ability of the Japanese Version of the Cumulated Ambulation Score in Patients with Hip Fracture

Mashimo, S., Ogawa, T., Kitamura, N., Kubota, J., Gilmour, S., Kristensen, M. T. & Ishibashi, H., 8 Feb 2022, In: Progress in rehabilitation medicine. 7, p. 20220005

Motives and Barriers to Exercise Training during Hospitalization in Patients with Type 2 Diabetes: A Cross-Sectional Study

Molsted, S., Kusk, L., Esbensen, S. M., Mohr, T. M., Vind, M. B., Hess, C., Bandholm, T., Kristensen, M. T., Flege, C. M. & Kristensen, P. L., 18 Jan 2022, In: International Journal of Environmental Research and Public Health. 19, 3, p. 1-9 9 p., 1035.

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Pedersen, B. S., Kristensen, M. T., Josefsen, C. O., Lykkegaard, K. L., Jønsson, L. R. & Pedersen, M. M., 2022, In: Rehabilitation research and practice. 2022, p. 9230081 9230081.

Orthopaedic physiotherapists' perceptions of mechanisms for observed variation in the implementation of physiotherapy practices in the early postoperative phase after hip fracture: a UK qualitative study

Volkmer, B., Sadler, E., Lambe, K., Martin, F. C., Ayis, S., Beaupre, L., Cameron, I. D., Gregson, C. L., Johansen, A., Kristensen, M. T., Magaziner, J., Sackley, C., Smith, T. O., Sobolev, B. & Sheehan, K. J., 10 Nov 2021, In: Age and Ageing. 50, 6, p. 1961-1970 10 p., afab131.

Early recovery of basic mobility under femoral nerve block after hip fracture surgery - A propensity score matched pilot study

Ogawa, T., Seki, K., Tachibana, T., Hayashi, H., Moross, J., Kristensen, M. T. & Shirasawa, S., 1 Nov 2021, In: Injury. 52, 11, p. 3382-3387 6 p.

Effect of Automated Oxygen Titration during Walking on Dyspnea and Endurance in Chronic Hypoxemic Patients with COPD: A Randomized Crossover Trial

Kofod, L. M., Westerdahl, E., Kristensen, M. T., Brocki, B. C., Ringbæk, T. & Hansen, E. F., 20 Oct 2021, In: Journal of Clinical Medicine. 10, 21, p. 1-11 11 p., 4820.

The Achilles Tendon Length Measure and the Achilles Tendon Resting Angle show acceptable construct validity using the Copenhagen Achilles Length Measure as gold standard

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Loss of pre-fracture basic mobility status at hospital discharge for hip fracture is associated with 30-day post-discharge risk of infections - a four-year nationwide cohort study of 23,309 Danish patients

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Psychometric properties of the Cumulated Ambulation Score French translation

Jérôme, V., Esfandiari, C., Morten Tange, K., Amandine, L., Harold, J., Matteo, L., Lindsey, H., Jacques, H. & Thibaut, T., Jun 2021, In: Clinical Rehabilitation. 35, 6, p. 904-910 7 p., 0269215520984321.

Feasibility and preliminary effect of anabolic steroids in addition to strength training and nutritional supplement in rehabilitation of patients with hip fracture: a randomized controlled pilot trial (HIP-SAP1 trial)

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An exercise program for people with severe peripheral neuropathy and diabetic foot ulcers - a case series on feasibility and safety

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Preliminary effect and feasibility of physiotherapy with strength training and protein-rich nutritional supplement in combination with anabolic steroids in cross-continuum rehabilitation of patients with hip fracture: protocol for a blinded randomized controlled pilot trial (HIP-SAP1 trial)

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The Barthel Index and the Cumulated Ambulation Score are superior to the de Morton Mobility Index for the early assessment of outcome in patients with a hip fracture admitted to an acute geriatric ward

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High perceived caregiver burden for relatives of patients following hip fracture surgery

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Kristensen, M. T., Nielsen, A. Ø., Topp, U. M., Holmehave-Brandt, J., Falkenberg Petterson, C. & Gebuhr, P., 1 Jan 2018, In: *Geriatrics & Gerontology International*. 18, 1, p. 138-145

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The Perioperative Blood Loss and Complications in Lower Extremity Amputations: The results of four observational cohort studies

Wied, C. & Kristensen, M. T. (Ph.d.-supervisor), 29 Sept 2017, 67 p.

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Cross-cultural validation of the Italian version of the Cumulated Ambulation Score

Grana, E., Verzellotti, S., Grassi, F. A., Ferriero, G., Kristensen, M. T., Cisari, C. & Invernizzi, M., Jun 2016, In: International journal of rehabilitation research. Internationale Zeitschrift fur Rehabilitationsforschung. Revue internationale de recherches de readaptation. 39, 2, p. 160-164

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Wied, C., Kristensen, M. T., Tengberg, P. T., Holm, G., Krasheninnikoff, M. & Troelsen, A., 2016, In: Ugeskrift for Laeger. 178, 13, p. 1297 1 p.

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Municipality-based physical rehabilitation after acute hip fracture surgery in Denmark

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Reliability and agreement between 2 strength devices used in the newly modified and standardized Constant score

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Very low survival rates after non-traumatic lower limb amputation in a consecutive series: what to do?

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Preoperative factors predicting in-hospital outcome in patients with hip fracture following a multimodal fast-track rehabilitation concept.

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Timed Up & Go test-performance is related to the type of walking aid used during the test and the number of practice trials in patients with hip fracture

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Knee-extension strength, postural control and function are related to fracture type and upper-leg edema in patients with a hip fracture.

Kristensen, M. T., Bandholm, T., Bencke, J., Ekdahl, C. & Kehlet, H., 2008.

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Kristensen, M. T., Bandholm, T., Foss, N. B., Ekdahl, C. & Kehlet, H., 2008.

The role of pain for early rehabilitation in fast track surgery: A descriptive study of function and pain for 100 inpatients undergoing total knee arthroplasty

Holm, B., Kristensen, M. T., Myhrmann, L., Husted, H., Otte, N. K. S. K., Andersen, L., Kristensen, B. B. & Henrik, K., 2008.

The New Mobility Score as a predictor of early independency in basic mobility after hip fracture surgery

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2008.

Anemia impedes functional mobility after hip fracture surgery

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Der mangler evidens for fysioterapi til hoftenære frakturer: Der er et stort behov for RCT-studier af høj kvalitet, der undersøger, hvilken fysioterapi der er den bedste til hoftenære frakturer

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Fokus på målemetoder til ældre

Pilmark, V. & Kristensen, M. T., 2007, In: Fysioterapeuten. 14, p. 12-14 3 p.

Fysioterapi under primær indlæggelse

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Implementation of best clinical practice in physiotherapy for patients with hip fracture during primary admission - a one year follow up

Testrup, S. & Kristensen, M. T., 2007. 1 p.

Performance of hip fracture patients on the Timed Up & Go test when discharged from an acute orthopedic ward
Kristensen, M. T., Foss, N. B. & Kehlet, H., 2007. 1 p.

Plejhjemsbeboere falder i soveværelset

Pilmark, V. & Kristensen, M. T., 2007, In: Fysioterapeuten. 15, p. 19 1 p.

The New Mobility Score as a predictor of early independency in basic mobility after hip fracture surgery

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2007. 1 p.

Timed "Up & Go" Test as a Predictor of Falls Within 6 Months After Hip Fracture

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2007, In: Physical Therapy. 87, 1, p. 24-31 7 p.

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Pilmark, V. & Kristensen, M. T., 2007, In: Fysioterapeuten. 19-20, p. 13 1 p.

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Genoptræning efter hoftebrud bør være en ret

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Prædiktion af postoperativ rehabilitering og mortalitet hos hoftefrakturpatienter: The cumulated ambulation score

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2006. 1 p.

Timed Up & Go og New Mobility Score til prædiktion af funktion seks måneder efter hoftefraktur

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2006. 1 p.

Timed up & go test som prædiktor af fald indenfor 6 måneder efter hoftefraktur

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2006. 1 p.

Timed Up & Go og New Mobility Score til prædiktion af funktion seks måneder efter hoftefraktur

Kristensen, M. T., Foss, N. B. & Kehlet, H., 29 Aug 2005, In: Ugeskrift for Læger. 167, 35, p. 3297-3300 4 p.

CAS - en postoperativ score til hoftefrakturpatienter

Kristensen, M. T., Foss, N. B. & Kehlet, H., 2005, In: Fysioterapeuten. 5, p. 22-26 5 p.

Effect of postoperative epidural analgesia on rehabilitation and pain after hip fracture surgery: a randomized, double-blind, placebo-controlled trial

Foss, N. B., Kristensen, M. T., Kristensen, B. B., Jensen, P. S. L. & Kehlet, H., 2005, In: Anesthesiology. 102, 6, p. 1197-1204

Konsensusdokument "Best Clinical Practice" for fysioterapi til patienter med hoftefraktur under primær indlæggelse

Kristensen, M. T., Foss, N. B., Andersen, B. H., Isaksson, K. H., Nakai, N. B., Testrup-Petersen, S., Beyer, N., Maribo, T., Hovmand, B. & Thomsen, M., 2005, In: Fysioterapeuten. 9, p. 11 1 p.

New Mobility Score, dansk oversættelse

Kristensen, M. T., 2005, In: Forskning i fysioterapi, netudgave. 3 p.

Prediction of postoperative rehabilitation and mortality in hip fracture patients: The Cumulated Ambulation Score.
Kristensen, M. T., Foss, N. B. & Kehlet, H., 2005. 2 p.

Timed Up & Go and New Mobility Score as predictor of function six months after hip fracture.
Kristensen, M. T., Foss, N. B. & Kehlet, H., 2005. 2 p.

Accelereret operationsforløb til patienter med hoftefraktur
Jensen, A. P. S. L., Gade, B., Foss, N. B. & Kristensen, M. T., 2004, In: Sygeplejersken. 27, p. 30-33

De svageste bliver ikke genoptrænet
Kristensen, M. T. & Foss, N. B., 2004, In: Fysioterapeuten. 21, p. 6-10

Fysioterapi i overhalingsbanen
Kristensen, M. T., Foss, N. B. & Jensen, A. P. S. L., 2003, In: Fysioterapeuten. 16, p. 4-8

Tværfagligt harmonikasammenstød
Gyldengren, A., Foss, N. B. & Tange Kristensen, M., 2003, In: Sygeplejersken. 103, 21, p. 20-24 4 p.

Prizes

Best Paper of the Year: Efficacy of early controlled motion of the ankle compared with no motion in non-operative treatment of patients with an acute Achilles tendon rupture. An assessor blinded randomized controlled trial.
Barfod, K. W. (Recipient), Swennergren Hansen, M. (Recipient), Hölmich, P. (Recipient), Kristensen, M. T. (Recipient) & Troelsen, A. (Recipient), 2018

The Danish Physical Therapy Associations Special Research Award
Kristensen, M. T. (Recipient), 2010

Academic supervision and evaluations:

PhD-students:

2011 - 2014 Principal co-supervisor for Maria Patrocinio Ariza Vega, PT, OT, MSc, PhD, Universidad de Granada, Spain (Patients with hip fracture).
2011 - 2015 Principal co-supervisor for Ilija Ban, MD, PhD, University of Copenhagen, (Patients with clavicle fractures).
2014 Evaluation of PhD progress, 1 student, University of Copenhagen.
2015 Evaluation committee member for abstracts, ISPO World Congress, Lyon, France.
2013 - 2016 Principal supervisor for Lise Kronborg, PT, MSc, PhD, University of Copenhagen, Denmark (Patients with hip fracture).
2013 - 2017 Co-supervisor for Dorte Melgaard Kristiansen, OT, MSc, PhD, North Denmark Regional Hospital, Aalborg University, Denmark (Patients with community acquired pneumonia).
2014-2017 Principal co-supervisor for Christian Wied, MD, PhD, University of Copenhagen, Denmark (Patients with lower limb amputation).
2018 - now Co-supervisor for Maria Svennergren Hansen, PT, MSc, PhD-student, University of Copenhagen, Denmark (Patients with Achilles tendon rupture).
2018 - now Principal supervisor for Signe Hulsbæk, PT, MSc, PhD-student University of Copenhagen, Denmark (Patients with hip fracture).
2018 Assessment of PhD-application, University of Southern Denmark
2019 Evaluation of PhD-project, University of Southern Denmark
2019 Evaluation committee member for abstracts, ISPO World Congress, Kobe, Japan
2020 - now Co-supervisor for Linette Marie Kofoed, PT, MR, PhD-student Örebro University, Sweden (Patients with COLD)
2020 Evaluation committee member of PhD-thesis (lower limb amputations), OsloMet, Oslo Metropolitan University, Oslo, Norway (defense December 2021)

MSc/MR-students:

2010 - 2012 Principal supervisor, Louise Lohmann Faber, OT, MSc, Faculty of Health Science, University of Copenhagen, Denmark (Patients with hip fracture).

2011 - 2014 Role as Principal supervisor of MR-projekt for Linette Marie Kofoed, PT, MR, Frederikssund Hospital, University of Southern Denmark (Patients with acute exacerbation in chronic obstructive pulmonary disease).

2012 - 2014 Role as principal supervisor of MSc-projekt for Jan Overgaard, PT, MSc, Lolland Municipality, University of Southern Denmark (Patients with hip fracture).

2012-2014 Principal co-supervisor for Nadia Ørbæk, PT, MSc, Hvidovre Hospital, University of Southern Denmark (Patients with hip fracture).

2013-2016 Principal supervisor for Maria Svennergren Hansen, PT, MSc, Hvidovre Hospital, Lund University, Sweden (Patients with Achilles tendon rupture).

2015-2016 Principal supervisor for Signe Hulsbæk, PT, MSc, Koege Hospital, University of Copenhagen, Denmark (Patients with hip fracture).

2017 Co-supervisor for Daniel Kristensen, PT, MSc and Nikolaj Odderskær, PT, MSc. Ålborg University (amputee patients)

2017-2019 Co-supervisor for Line Rokkedal Jønsson, PT, MR, MSc-student, Hvidovre Hospital, University of Southern Denmark (Patients after acute high-risk abdominal surgery)

BSc-students:

2008 - now Co-supervisor of 8 Bachelor projects in Physical Therapy (Skodsborg, Copenhagen and Roskilde, School of Physiotherapy).

STEERING COMMITTEES:

2012 - now Rapid Recovery – Zimmer-Biomet, Hip Fracture Fragility Fracture Reference Center at Amager-Hvidovre Hospital.

2013 - now Physical Medicine and Rehabilitation Research–Copenhagen (PMR-C).

2014 - 2017 Regional knowledge center for lower extremity amputee patients located at Amager-Hvidovre Hospital.

2016 - now Copenhagen Research Center for Hip Fractures, Capital Region, Copenhagen, Denmark (not active).

2020 – now Municipality based Danish Amputee prosthetic rehabilitation register

2020 – now Hospital based Danish Amputee register

INVITED LECTURES – WEBINARS:

2003-Hospitals: Silkeborg, Hillerød, Holbæk, Aalborg, Slagelse, Svendborg, Esbjerg, Holstebro. Municipalities: Vejle, Frederiksberg, Lyngby-Tårnbæk, Gentofte og Rudersdal, Copenhagen, Sønderborg, Brøndby.

2005 National hip fracture workshop, Rigshospitalet. Title: "Mobilisation and rehabilitation after hip fracture".

2010 National Workshop - Rehabilitation after surgery, Rigshospitalet. Title: "Rehabilitation after hip fracture".

2010 Workshop, Capital region – Geriatric and Medical patients. Title: "What to do with the immobilized patient".

2011 National Conference – Implementation of research in clinical practice, Odense. Title: "Implementation of research in daily clinical practice".

2011 Workshop, Capital region, Denmark – Treatment of lower limb amputee patients: Title: "Challenges, research and assessment of quality".

2012 Regional amputee meeting, Hvidovre Hospital, Denmark: Title: "Cross-sectional guidelines for rehabilitation of lower limb amputee patients".

2013 International Amputee Congress, Hvidovre Hospital, Denmark: Title: "Use of the one-leg-stand-test in lower limb amputee patients".

2013 Swedish Orthopedic Congress, Uppsala, Sweden. Title: "Prediction of function after hip fracture".

2014 3rd Fragility Fracture Network Global Congress, Madrid, Spain. Title: "In-hospital physiotherapy after acute hip fracture Surgery in Denmark".

2016 National conference – Rehabilitation after fracture, Odense, Denmark. Title: "Rehabilitation after hip fracture surgery"

2016 National hip fracture register day, Odense, Denmark. Title: "Do patients achieve the expected functional level"

2016 Pre-congress physio day, 5th Fragility Fracture Network Global Congress, Rome, Italy. Title: "Factors influencing rehabilitation outcome of patients with hip fracture"

2016 5th Fragility Fracture Network Global Congress, Rome, Italy. Title: "Survey of physiotherapy care after hip fracture: initial results from Denmark and Australia"

2017 National Amputation Conference, Middelfart, Denmark: Title: "Use of the one-leg-stand-test and the Basic Amputee Mobility Score (BAMS) in lower limb amputee patients".

2017 Fragility Fracture Network Global Congress, Malmø, Sweden. Title: "Clinical practice guidelines for outcome measures in patients with hip fracture"

2018 Danish Physical Therapist Congress, Odense, Denmark. Title: The importance of early out of bed mobilization after hip fracture.

2018 Danish Physical Therapist Congress, Odense, Denmark. Title: Easily applicable measurements to assess signs of sarcopenia in daily clinical practice.

2018 1st National seminar for learning and quality improvement for treatment of patients with hip fracture, Horsens, Denmark. Title: Mobilization and training after hip fracture

2018 7th Fragility Fracture Network Global Congress, Dublin Ireland (pre-day). Title: Physical activity and how to enhance it after hip fracture.

2018 BACPAR, British Amputee Congress, Wolverhampton, UK (keynote). Title: The Basic Amputee Mobility Score (BAMS)/outcome measures

2018 2nd National seminar for learning and quality improvement for treatment of patients with hip fracture, Odense,

Denmark. Title: Mobilization and training after hip fracture
2019Southern Region of Denmark. Title: The orthopedic hip – Hip fractures.
2019Oslo Metropolitan University (OsloMET), Scientific amputee day, Oslo, Norway. Title: Development and validation of the Basic Amputee Mobility Score.
2019National Norwegian FFN meeting, Oslo, Norway. 4 lectures, titles:
1. Physical Therapists in a multidisciplinary team,
2. Physical therapy after hip fracture - why, when and how - overview of the evidence, 3. Use of standardized outcome measures for the assessment of function after hip fracture,
4. Exercise after surgery - (when) does strength training matter, recommended program for strength training after hip fracture.
20198th Fragility Fracture Network Global Congress, Oxford, UK (+organizing committee + chair for workshop), titles:
1. Progressive resistance exercise after hip fracture surgery –why and how to do it to maximize outcome in clinical practice (Physio pre-day),
2. Using physiotherapy measures for short-term follow-up (full congress),
3. Outcome measures recommended for clinical and research use by the APTA, Clinical Practice Guidelines: PT Management of Older Adults with Hip Fracture.
2020Fragility Fracture Network Southern Europe Regional Expert meeting (virtual): panel member of workshop focused on exercise for preventing falls and fractures.
2020Fragility Fracture Network Latin America Regional Expert meeting (virtual): panel member of workshop focused on the importance of early mobilization and ambulatory status after hip fracture.
2020Zealand Region, Amputee webinar: lecturer on the Basic Amputee Mobility Score (BAMS)

CONGRESS PRESENTATIONS:

2005 - nowMore than 50 abstracts presented at national or international conferences, including 2 World Congresses in Physical Therapy, 5 congresses (EFORT) arranged by the European Orthopedic Society, 1 ISPO World Congress, and 6 Fragility Fracture Network Global Congresses (Kristensen MT as first and presenting author).

Chaired or co-chaired 11 national/international congress sessions or symposias
Member of the local organising comitee for the 2017 FFN Global Network Congress, Malmö, Sweden. Member of the FFN, Toronto 2021 scientifc comitee
2010 - nowMore than 60 abstracts presented at regional, national and international conferences by students or collaborators (Kristensen MT as senior author)

BOOK CHAPTERS:

- Ortopædkirurgi for ergoterapeuter og fysioterapeuter. 1.udgave, Munksgaard, København 2009.
page 67-75, accelererede forløb i det ortopædkirurgiske speciale. Husted H, Holm G, Kristensen MT, Tingskov L, Kehlet H.
- Ergoterapi og Fysioterapi til Ældre. 1. udgave, Munksgaard, København 2012. Kapitel 5, Fald og Hoftebrud. Kristensen MT, Faber LL.

OCCATIONAL REVIEWER ASSIGNMENTS (in total > 25):

2006 - nowClinical Rehabilitation, American Journal of Physical Medicine & Rehabilitation, Archives of Physical Medicine and Rehabilitation, Physiotherapy Theory and Practice, Acta Orthopaedica, Archives of Gerontology and Geriatrics, European Journal of Physical Medicine and Rehabilitation, Journal of Rehabilitation Medicine, Clinical Interventions in Ageing, BMJ Open, Disability & Rehabilitation, BMC Anaesthesiology, Prosthetics and Orthotics International, Age and Ageing, BMC Geriatrics, BMC Musculoskeletal Disorders, Injury, Journal of Cachexia Sarcopenia and Muscle, Physical Therapy.

EDITORIAL BOARD MEMBERSHIP:

2010-2017World Journal of Orthopedics
2020 - nowJoint Diseases and Related Surgery (international advisory board).

RESEARCH COORDINATION/SUPERVISION:

2002 - nowIn-hospital rehabilitation and outcome measure projects for patients with hip fracture (since 2002), lower limb amputation (since 2010), Clavicle fractures (since 2011), Achilles Tendon Rupture (since 2013) major abdominal surgery (since 2014), and chronic obstructive pulmonary disease (since 2016), Departments of Physical Therapy and Orthopedic Surgery, Amager-Hvidovre Hospital, University of Copenhagen.
2008 - nowRehabilitation and outcome measure projects for patients with hip fracture, outpatient setting, Lolland Municipality (Jan Overgaard)
2010 - nowRehabilitation projects for patient's with lower limb amputation and diabetes, outpatient setting, Copenhagen Municipality (Kajsa Lindberg).
2011 - 2014Rehabilitation projects for patients with acute exacerbation in chronic obstructive pulmonary disease,

Frederikssund Hospital (Linette Marie Kofoed).

2019 - Rehabilitation projects for older people and patients with hip fracture, outpatient setting, Ishøj/Vallensbæk Municipality, in preparation (Niklas Grundt Hansen)

RESEARCH COLLABORATION (international):

2011 – now Research collaboration and MSc/PhD-student exchange with: Professor José J. Jiménez Moleón, MD, University of Granada, Spain; Professor Kathleen Kline Mangione, PT, Arcadia University, United States; and Professor Catherine Sherrington, PT, University of Sydney, Australia. Research/Scientific collaboration with: Professor Kathleen Kline Mangione, PT, Arcadia University, United States, Assistant Professor Christine M. McDonough, Boston University School of Public Health and Geisel School of Medicine at Dartmouth, United States; Professor Marcie Harris-Hayes, Washington University School of Medicine, United States; Physiatrist Giorgio Ferriero at Fondazione Salvatore Maugeri, IRCCS, Italy; Associate Professor Cecilia Rogmark, Skåne University Hospital Malmö/Lund University, Sweden; Associate Professor Terje Gjøvaag OsloMet, Oslo Metropolitan University, Norway; Professor Stefaan Nijs, UZ Leuven, Belgium. Katie Sheehan, UKRI Future Leaders Fellow | Lecturer Health Services Research/Rehabilitation Department of Population Health Sciences, School of Population Health & Environmental Sciences Faculty of Life Sciences & Medicine, King's College London.

TEACHING EXPERIENCE:

2003-now More than 100 hours post graduate (BSc or MSc-level) lectures at courses, seminars, or meetings at University Hospitals, outpatient facilities, The Danish Physical Therapy Organization, The Capital region of Denmark, University of Southern Denmark and University of Copenhagen.

TRUSTED POSITIONS:

2006-2008 Board member and scientific coordinator for the Danish Physical Therapy Organization in the group developing and writing the National Referendum Program for Hip Fracture treatment in Denmark.

2011-2015 Scientific coordinator and co-editor (with Kajsa Lindberg) for the Capital Regional amputee rehabilitation group developing and writing evidence and consensus-based guidelines for rehabilitation of patients with lower limb amputation.

2014 - 2021 Group member (invited) for the development and writing Clinical Practice Guidelines for the physical therapy management of persons with fragility fracture of the hip. Collaboration between the Academy of Geriatric Physical Therapy and the Orthopedic Section of the American Physical Therapy Association's.

2015 - now Representing the Danish Physical Therapy Organization in the National Register/database for patients with hip fracture in Denmark.

2017 - 2020 The Danish Health Authorities, advisory board, national clinical guidelines.

2017 - 2020 Member of the national expert team for quality improvement of the treatment for the older hip fracture patients in Denmark

2019 - now Co-lead with Professor Cathie Sherrington, Sydney University, Australia, of the international Fragility Fracture Network, physical therapy special interest group

2019 - Scientific coordinator and co-editor (with Alice Røpke and Signe Hulsbæk) for the Capital Regional hip fracture group revising and writing evidence and consensus-based guidelines for rehabilitation of patients with hip fracture.

2020 – now Member of the scientific committee for the FFN Toronto 2021 congress

FUNDED RESEARCH (in total 4.704.221 DKK):

2007 - now Main or co-applicant:

Danish Physical Therapy Organization: 271.000 DKK (2007-2017, main applicant); Capital Region's research foundation: 510.000 DKK (2011, main applicant); IMK foundation: 592.000 DKK (2013, co-applicant) Hvidovre Hospital's research foundation: 100.000 DKK (2015, main applicant); Capital Region's research foundation: 750.000 DKK (2016, main applicant), Hvidovre Hospital's research foundation: 50.000 DKK (2017, co-applicant); Capital Region's cross-sectorial research foundation: 450.000 DKK (2017, main applicant). Research Foundation (strategic funds), Amager-Hvidovre Hospital: 166.371 DKK (2018, main applicant)

Applications by student's/collaborators:

Jan Overgaard, research PT, MSc, from 2009-2013: 166.500 DKK (Danish Physical Therapy Organization); Kajsa Lindberg, PT, 2011: 39.000 DKK (Danish Physical Therapy Organization); Linette Marie Kofod, research PT, MR, 2012: 125.000 DKK (North Zealand Hospital's Research Foundation), 2019: 122.600 DKK (Pulmonary Association); Lise Kronborg, PT, PhD-student from 2012-2014: 456.750 DKK (Danish Physical Therapy Organization), 100.000 DKK (Hvidovre Hospital's research foundation), 100.000 DKK (Lundbeck Foundation, MVU funds). Maria Swennergreen Hansen, PT, MSc, PhD-student 2018: 250.000 DKK (The Danish Physical Therapist Organization fund), 2018: 90.000 DKK (The Research Foundation, Amager and Hvidovre Hospital). Signe Hulsbæk, PT, MSc, PhD-student; 2018: 69.000 DKK (Research Foundation, Amager-Hvidovre Hospital), 2018: 300.000 DKK (The Capital Region of Denmark, cross-continuum funds). Linette Marie Kofod, research PT, MR, 2019: 200.000 DKK (Research Foundation, Amager-Hvidovre Hospital) and 2020: 55.000 DKK (Danish Physical therapy Organization).