

Morten Tange Kristensen, Professor, PT, PhD, Departments of Physical and Occupational Therapy, Copenhagen University Hospital - Bispebjerg and Frederiksberg & Department of Clinical Medicine, University of Copenhagen, Copenhagen, Denmark.

Email: morten.tange.kristensen@regionh.dk

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

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.

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

Hansen, M. S., Bencke, J., Kristensen, M. T., Kallemose, T., Hölmich, P. & Barfod, K. W., 28 Feb 2023, In: Foot and Ankle Surgery. 29, 2, p. 143-150 8 p.

Daytime and scheduled surgery for major dysvascular lower extremity amputation

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

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

Lindstrand, A. G., Rönquist, S. S., Viberg, B., Overgaard, S., Palm, H., Rogmark, C. & Kristensen, M. T., 21 Jan 2023, (E-pub ahead of print) In: Injury.

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.

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

Kristensen, M. T., Dall, C. H., Aadahl, M. & Suetta, C., 24 Oct 2022, In: Ugeskrift for Læger. 184, 43

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 Sep 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.

Six Versus 12 Weeks of Outpatient Physical Therapy Including Progressive Resistance Training in Cognitively Intact Older Adults After Hip Fracture: A Multicenter Randomized Controlled Trial

Overgaard, J. A., Kallemsen, 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 Rönquist, 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 othersVanhaecht, 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

Aagesen, 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.

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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.

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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

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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

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Vesterager, J. D., Kristensen, M. T. & Pedersen, A. B., Jul 2021, In: Injury. 52, 7, p. 1833-1840 8 p.

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)

Hulsbæk, S., Bandholm, T., Ban, I., Foss, N. B., Jensen, J-E. B., Kehlet, H. & Kristensen, M. T., 20 May 2021, In: BMC Geriatrics. 21, 1, 11 p., 323.

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Kofod, L. M., Nielsen Jeschke, K., Kristensen, M. T., Krogh-Madsen, R., Monefeldt Albek, C. & Hansen, E. F., 11 Apr 2021, In: European Clinical Respiratory Journal. 8, 1, p. 1-9 9 p., 1910191.

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Ban, I., Kristensen, M. T., Barfod, K. W., Eschen, J., Kallemsen, T. & Troelsen, A., 1 Apr 2021, In: The bone & joint journal. 103-B, 4, p. 762-768 7 p.

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McDonough, C. M., Harris-Hayes, M., Kristensen, M. T., Overgaard, J. A., Herring, T. B., Kenny, A. M. & Mangione, K. K., Feb 2021, In: The Journal of orthopaedic and sports physical therapy. 51, 2, p. CPG1-CPG81 81 p., 0301.

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Kristensen, M. T., Hulsbæk, S., Faber, L. L. & Kronborg, L., 15 Jan 2021, In: *Geriatrics (Basel, Switzerland)*. 6, 1, p. 1-13 13 p., 8.

Translation, Reliability and Validity of the Spanish Version of the Modified New Mobility Score (NMS-ES)

Prieto-Moreno, R., Ariza-Vega, P., Ortiz-Piña, M., Ashe, M. C., Romero-Ayuso, D. & Kristensen, M. T., 15 Jan 2021, In: *International Journal of Environmental Research and Public Health*. 18, 2, p. 1-11 11 p., 723.

Translation, Inter-rater Reliability, Agreement, and Internal Consistency of the Japanese Version of the Cumulated Ambulation Score in Patients after Hip Fracture Surgery

Ogawa, T., Hayashi, H., Kishimoto, T., Mashimo, S., Kusumoto, Y., Nakamura, K., Aoki, T., Moross, J., Kristensen, M. T. & Ishibashi, H., Dec 2020, In: *Progress in rehabilitation medicine*. 5, p. 20200030 12 p.

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Barfod, K. W., Hansen, M. S., Hölmich, P., Kristensen, M. T. & Troelsen, A., Jun 2020, In: *British Journal of Sports Medicine*. 54, 12, p. 719-724 6 p.

Individualized treatment for acute Achilles tendon rupture based on the Copenhagen Achilles Rupture Treatment Algorithm (CARTA): a study protocol for a multicenter randomized controlled trial

Hansen, M. S., Vestermark, M. T., Hölmich, P., Kristensen, M. T. & Barfod, K. W., 12 May 2020, In: *Trials*. 21, 1, p. 399 399.

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

Lindberg, K., Møller, B. S., Kirketerp-Møller, K. & Kristensen, M. T., 16 Jan 2020, In: *Disability and Rehabilitation*. 42, 2, p. 183-189 7 p.

Reliability of the Copenhagen Achilles length measure (CALM) on patients with an Achilles tendon rupture

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Andersen, C. W. & Kristensen, M. T., 1 Sep 2019, In: Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association. 28, 9, p. 2459-2467 9 p.

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Interrater reliability of the standardized Timed Up and Go Test when used in hospitalized and community-dwelling older individuals

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Regaining pre-fracture basic mobility status after hip fracture and association with post-discharge mortality and readmission-a nationwide register study in Denmark

Kristensen, M. T., Öztürk, B., Röck, N. D., Ingeman, A., Palm, H. & Pedersen, A. B., 1 Mar 2019, In: Age and Ageing. 48, 2, p. 278-284 7 p.

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

Ariza-Vega, P., Ortiz-Piña, M., Kristensen, M. T., Castellote-Caballero, Y. & Jiménez-Moleón, J. J., Feb 2019, In: Disability and rehabilitation. 41, 3, p. 311-318 8 p.

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Melgaard, D., Baandrup, U., Bøgsted, M., Bendtsen, M. D. & Kristensen, M. T., Jul 2018, In: Physical Therapy. 30, 7, p. 926-932 7 p.

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Development and reliability of the Achilles Tendon Length Measure and comparison with the Achilles Tendon Resting Angle on patients with an Achilles tendon rupture

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High inter-rater reliability, agreement, and convergent validity of Constant score in patients with clavicle fractures
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Kristensen, M. T. & Kehlet, H., 2012, In: Danish Medical Journal. 59, 6, p. A4447 5 p.

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

Kristensen, M. T., Holm, G., Kirketerp-Møller, K., Krasheninnikoff, M. & Gebuhr, P., 2012, In: Interactive Cardiovascular and Thoracic Surgery. 14, 5, p. 543-7 5 p.

Factors affecting functional prognosis of patients with hip fracture

Kristensen, M. T., Jun 2011, In: European Journal of Physical and Rehabilitation Medicine. 47, 2, p. 257-64 8 p.

Relative and absolute intertester reliability of the timed up and go test to quantify functional mobility in patients with hip fracture

Kristensen, M. T., Henriksen, S., Stie, S. B. & Bandholm, T., Mar 2011, In: American Geriatrics Society. Journal. 59, 3, p. 565-7 3 p.

Thigh and knee circumference, knee-extension strength, and functional performance after fast-track total hip arthroplasty

Holm, B., Kristensen, M. T., Husted, H., Kehlet, H. & Bandholm, T., 1 Feb 2011, In: P M & R (New York). 3, 2, p. 117-24; quiz 124

Intra- and interrater reliability and agreement of the Danish version of the Dynamic Gait Index in older people with balance impairments

Jønsson, L. R., Kristensen, M. T., Tibaek, S., Andersen, C. W. & Juhl, C., 2011, In: Archives of Physical Medicine and Rehabilitation. 92, 10, p. 1630-5 6 p.

Loss of knee-extension strength is related to knee swelling after total knee arthroplasty

Holm, B., Kristensen, M. T., Bencke, J., Husted, H., Kehlet, H. & Bandholm, T., 1 Nov 2010, In: Archives of Physical Medicine and Rehabilitation. 91, 11, p. 1770-6 7 p.

Hip fractures. Functional assessments and factors influencing in-hospital outcome, a physiotherapeutic perspective
Kristensen, M. T., 15 Jun 2010, Lund University, Department of Health Sciences, Division of Physiotherapy. 114 p.

How many trials are needed to achieve performance stability of the Timed Up & Go test in patients with hip fracture?
Kristensen, M. T., Ekdahl, C., Kehlet, H. & Bandholm, T., 1 Jun 2010, In: Archives of Physical Medicine and Rehabilitation. 91, 6, p. 885-9 5 p.

The role of pain for early rehabilitation in fast track total knee arthroplasty
Holm, B., Kristensen, M. T., Myhrmann, L., Husted, H., Andersen, L. Ø., Kristensen, B. & Kehlet, H., 1 Jan 2010, In: Disability and Rehabilitation. 32, 4, p. 300-6 7 p.

Prefracture functional level evaluated by the New Mobility Score predicts in-hospital outcome after hip fracture surgery
Kristensen, M. T., Foss, N. B., Ekdahl, C. & Kehlet, H., 2010, In: Acta Orthopaedica . 81, 3, p. 296-302 7 p.

Preoperative factors predicting in-hospital outcome in patients with hip fracture following a multimodal fast-track rehabilitation concept.
Kristensen, M. T. & Kehlet, H., 2010, In: DOS BULLETIN. 3, p. 123 1 p.

Factors with independent influence on the 'timed up and go' test in patients with hip fracture
Kristensen, M. T., Foss, N. B. & Kehlet, H., Mar 2009, In: Physiotherapy Research International. 14, 1, p. 30-41 12 p.

Postoperative pain after hip fracture is procedure specific
Foss, N. B., Kristensen, M. T., Palm, H. & Kehlet, H., Jan 2009, In: British Journal of Anaesthesia. 102, 1, p. 111-6 6 p.

High inter-tester reliability of the Cumulated Ambulation Score for the evaluation of basic mobility in patients with hip fracture
Kristensen, M. T., Andersen, L., Bech-Jensen, R., Moos, M., Hovmand, B., Ekdahl, C. & Kehlet, H., 2009, In: Clinical Rehabilitation. 23, 12, p. 1116-1123 8 p.

High intertester reliability of the Cumulated Ambulation Score for the evaluation of basic mobility in patients with hip fracture
Kristensen, M. T., Andersen, L., Bech-Jensen, R., Moos, M., Hovmand, B., Ekdahl, C. & Kehlet, H., 2009. 1 p.

Knee-extension strength, postural control and function are related to fracture type and edema in patients with a hip fracture
Kristensen, M. T., Bandholm, T., Bencke, J., Ekdahl, C. & Kehlet, H., 2009. 2 p.

Rekonvalescens efter operation for hoftefraktur
Palm, H., Foss, N. B. & Kristensen, M. T., 2009, In: Ugeskrift for Læger. 171, 40, p. 2896-9 4 p.

The effects of liberal versus restrictive transfusion thresholds on ambulation after hip fracture surgery
Foss, N. B., Kristensen, M. T., Jensen, P. S., Palm, H., Krashennikoff, M. & Kehlet, H., 2009, In: Transfusion. 49, 2, p. 227-34 7 p.

The New Mobility Score as a predictor of early independency in mobility after hip fracture surgery
Kristensen, M. T., Foss, N. B., Ekdahl, C. & Kehlet, H., 2009. 1 p.

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
Kristensen, M. T., Bandholm, T., Holm, B., Ekdahl, C. & Kehlet, H., 2009. 2 p.

Timed up & go test score in patients with hip fracture is related to the type of walking aid

Kristensen, M. T., Bandholm, T., Holm, B., Ekdahl, C. & Kehlet, H., 2009, In: Archives of Physical Medicine and Rehabilitation. 90, 10, p. 1760-5 5 p.

Timed Up and Go performance is related to walking aid used during the test in patients with hip fracture

Kristensen, M. T., Bandholm, T., Holm, B., Ekdahl, C. & Kehlet, H., 2009. 2 p.

Anaemia impedes functional mobility after hip fracture

Foss, N. B., Kristensen, M. T. & Kehlet, H., 2008, In: Age and Ageing. 37, 2, p. 173-78 5 p.

High inter-tester reliability of the New Mobility Score in patients with hip fracture

Kristensen, M. T., Bandholm, T., Foss, N. B., Ekdahl, C. & Kehlet, H., 2008, In: J Rehabil Med. 40, 7, p. 589-591 3 p.

Knee-extension strength, postural control and function are related to fracture type and thigh edema in patients with hip fracture

Kristensen, M. T., Bandholm, T., Bencke, J., Ekdahl, C. & Kehlet, H., 2008, In: Clinical biomechanics (Bristol, Avon). 24, 2, p. 218-24 6 p.

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.

Reliability of the New Mobility Score in patients with hip fracture

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

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

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

Kristensen, M. T., 2007, In: Fysioterapeuten. 5, p. 20-25 5 p.

Fokus på målemetoder til ældre

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

Fysioterapi under primær indlæggelse

Kristensen, M. T., Testrup, S., Møller, L. B. K. & Foss, N. B., 2007, In: Fysioterapeuten. 6, p. tillæg 4 p.

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.

Timed "Up & Go" test as a predictor of falls within six months after hip fracture surgery

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

Vinger bruges til styrketræning

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

Prediction of postoperative morbidity, mortality and rehabilitation in hip fracture patients: the cumulated ambulation score

Foss, N. B., Kristensen, M. T. & Kehlet, H., Aug 2006, In: Clinical Rehabilitation. 20, 8, p. 701-8 8 p.

Genoptræning efter hoftebrud bør være en ret

Kristensen, M. T., 2006, In: Fysioterapeuten. 21, p. 20-24 5 p.

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.

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, Kristoffer Weisskirchner (Recipient), Swennergren Hansen, Maria (Recipient), Hölmich, Per (Recipient), Kristensen, Morten Tange (Recipient) & Troelsen, Anders (Recipient), 2018

The Danish Physical Therapy Associations Special Research Award

Kristensen, Morten Tange (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

2019 Southern Region of Denmark. Title: The orthopedic hip – Hip fractures.

2019 Oslo Metropolitan University (OsloMET), Scientific amputee day, Oslo, Norway. Title: Development and validation of the Basic Amputee Mobility Score.

2019 National 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.

2019 8th 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.

2020 Fragility Fracture Network Southern Europe Regional Expert meeting (virtual): panel member of workshop focused on exercise for preventing falls and fractures.

2020 Fragility 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.

2020 Zealand Region, Amputee webinar: lecturer on the Basic Amputee Mobility Score (BAMS)

CONGRESS PRESENTATIONS:

2005 - now More 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 committee for the 2017 FFN Global Network Congress, Malmö, Sweden. Member of the FFN, Toronto 2021 scientific committee

2010 - now More 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 Hofftebrud. Kristensen MT, Faber LL.

OCCATIONAL REVIEWER ASSIGNMENTS (in total > 25):

2006 - now Clinical 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:

2010-2017 World Journal of Orthopedics

2020 - now Joint Diseases and Related Surgery (international advisory board).

RESEARCH COORDINATION/SUPERVISION:

2002 - now In-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 - now Rehabilitation and outcome measure projects for patients with hip fracture, outpatient setting, Lolland Municipality (Jan Overgaard)

2010 - now Rehabilitation projects for patient's with lower limb amputation and diabetes, outpatient setting, Copenhagen Municipality (Kajsa Lindberg).

2011 - 2014 Rehabilitation 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).