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## Ansættelse

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## Publikationer

### **A comparison of the original major depression inventory with a modified version: A Danish validation study**

Pedersen, H. S., Christensen, Karl Bang, Prior, A. & Christensen, K. S., 2024, I: Acta Psychiatrica Scandinavica. 149, 3, s. 267-278 12 s.

### **Neuropathic pain after surgery - A clinical validation study and assessment of accuracy measures of the 5-item NeuPPS scale**

Andersen, Kenneth Geving, Christensen, Karl Bang, Kehlet, Henrik & Mejdahl, M. K., 2024, I: Scandinavian Journal of Pain. 24, 1, 8 s.

### **Psychometric validation of the Danish version of the Major Depression Inventory using data from the Lolland-Falster health study (LOFUS)**

Christensen, Karl Bang, Packness, A., Simonsen, Erik & Brodersen, John Brandt, 2024, (E-pub ahead of print) I: Nordic Journal of Psychiatry. 10 s.

### **The dimensionality of the Perceived Stress Scale: The presence of opposing items is a source of measurement error**

Pedersen, H. S., Christensen, K. S., Prior, A. & Christensen, Karl Bang, 2024, I: Journal of Affective Disorders. 344, s. 485-494 10 s.

### **Functional performance tests, clinical measurements, and patient-reported outcome measures do not correlate as outcomes 1 year after anterior cruciate ligament reconstruction**

Al-Gburi, M., Kristiansen, J. B., Christensen, Karl Bang & Krosggaard, Michael R., 2023, I: Knee Surgery, Sports Traumatology, Arthroscopy. 31, s. 5905-5918 8 s.

### **Hepatic Fibrosis Evaluated in Patients with Type 2 Diabetes with and without Chronic Kidney Disease**

Adrian, T., Hornum, Mads, Knop, Filip Krag, Christensen, Karl Bang, Almdal, Thomas Peter, Rossing, Peter, Lídaa, L. Í., Heinrich, N. S., Boer, V. O., Marsman, A., Petersen, E. T., Siebner, Hartwig Roman & Feldt-Rasmussen, Bo, 2023, I: *Nephron*. 147, 11, s. 673–684 12 s.

### **Level of pain catastrophising determines if patients with long-standing subacromial impingement benefit from more resistance exercise: predefined secondary analyses from a pragmatic randomised controlled trial (the SExSI Trial)**

Clausen, M. B., Rathleff, M. S., Graven-Nielsen, T., Bandholm, Thomas Quaade, Christensen, Karl Bang, Hölmich, Per & Thorborg, Kristian, 2023, I: *British Journal of Sports Medicine*. 57, 13, s. 842–848 8 s.

### **Measuring needs-based quality of life and self-perceived health inequity in patients with multimorbidity: investigating psychometric measurement properties of the MultiMorbidity Questionnaire (MMQ) using primarily Rasch models**

Bissenbakker, Kristine Henderson, Siersma, Volkert Dirk, Jønsson, Alexandra Brandt Ryborg, Møller, Anne, Christensen, Karl Bang & Brodersen, John Brandt, 2023, I: *Journal of Patient-Reported Outcomes*. 7, 1, 15 s., 94.

### **Modeling local item dependence in C-tests with the loglinear Rasch model**

Baghaei, P. & Christensen, Karl Bang, 2023, I: *Language Testing*. 40, 3, s. 820-827 8 s.

### **Pedi-IKDC exhibits questionable measurement properties in a cohort of pediatric patients with ACL rupture**

Hansen, C. F., Madsen, M. Ø., Warming, S., Lind, M., Faunø, P., Rathcke, M. W., Krogsgaard, Michael R. & Christensen, Karl Bang, 2023, I: *Scandinavian Journal of Medicine & Science in Sports*. 33, 9, s. 1831-1840 10 s.

### **Psychosocial working conditions and sickness absence among younger employees in Denmark: a register-based cohort study using job exposure matrices**

Sørensen, J. K., Pedersen, J., Burr, H., Holm, A., Lallukka, T., Lund, Thomas, Melchior, M., Rod, Naja Hulvej, Rugulies, Reiner Ernst, Sivertsen, B., Stansfeld, S., Christensen, Karl Bang & Madsen, I. E. H., 2023, I: *Scandinavian Journal of Work, Environment and Health*. 49, 4, s. 249-258 10 s.

### **Screening for anxiety and depression in clinical practice: Translating scores from WHO-5/ASS-2/MDI-2 to HADS**

Johnsen, N. F., Jensen, S. N., Christensen, Karl Bang, Pedersen, S. S., Helmark, C., Zwisler, A. & Gislason, Gunnar Hilmar, 2023, I: *European Journal of Preventive Cardiology*. s. 1689–1701 13 s.

### **The Predictive Validity of the Danish Psychosocial Work Environment Questionnaire With Regard to Onset of Depressive Disorders and Long-Term Sickness Absence**

Clausen, T., Christensen, Karl Bang, Sørensen, J. K., Bjørner, Jakob Bue, Madsen, I. E. H., Borg, V. & Rugulies, Reiner Ernst, 2023, I: *Annals of Work Exposures and Health*. 67, 2, s. 195–207 13 s.

### **The postgraduate medical educational climate assessed by the Danish Residency Educational Climate Test (DK-RECT): a validation and cross-sectional observational study**

Jacobsen, Rikke Vita Borre, Boor, K., Christensen, Karl Bang, Ung, V. H., Carlsen, Jørn, Kirk, Ole, Dziegiel, Morten Hanefeld, Østergaard, Elsebet, Rochat, Per Bjørnstad, Albrecht-Beste, Elisabeth, Droogh, M., Lapperre, T. S., Scheele, F. & Sorensen, Jette Led , 2023, I: *BMC Medical Education*. 23, 1, 13 s., 943.

### **Visualizing Rasch item fit using conditional item characteristic curves in R**

Buchardt, A., Christensen, Karl Bang & Jensen, S. N., 2023, I: *Psychological Test and Assessment Modeling*. 2, s. 206 219 s.

### **Assessing shoulder disability in orthopaedic specialist care: Introducing the Copenhagen Shoulder Abduction Rating (C-SAR)**

Clausen, M. B., Witten, Adam, Christensen, Karl Bang, Zebis, Mette Kreutzfeldt, Foverskov, M., Cools, A., Hölmich, Per & Thorborg, Kristian, 2022, I: *Musculoskeletal Science and Practice*. 61, 7 s., 102593.

### **Crosswalking Patient-Reported Outcome Measures: It Matters What, Why, and How: Commentary on an article by Jessica L. Johnson, DPT, PhD, et al.: "Creating Crosswalks for Knee Outcomes After ACL Reconstruction Between the KOOS and the IKDC-SKF"**

Krogsgaard, Michael R., Comins, J. D., Brodersen, John Brandt & Christensen, Karl Bang, 2022, I: *The Journal of bone and joint surgery. American volume*. 104, 8, 2 s., e33.

**Development and Psychometric Validation of the Taste And Smell Tool for Evaluation (TASTE) Questionnaire**

Niklassen, A. S., Christensen, Karl Bang, Fjaeldstad, A. W. & Ovesen, T., 2022, I: Archives of otolaryngology (Chicago, Ill. : 1960). 148, 12, s. 1164-1172 9 s.

**Effectiveness of Adding a Large Dose of Shoulder Strengthening to Current Nonoperative Care for Subacromial Impingement: A Pragmatic, Double-Blind Randomized Controlled Trial (SExSI Trial): Response**

Clausen, M. B., Hölmich, Per, Rathleff, M. S., Bandholm, Thomas Quaade, Christensen, Karl Bang, Zebis, Mette Kreutzfeldt & Thorborg, Kristian, 2022, I: The American Journal of Sports Medicine. 50, 3, s. NP20-NP23 4 s.

**KOOS-Child exhibits inadequate structural validity in a cohort of paediatric patients with ACL deficiency**

Hansen, C. F., Madsen, M. O., Warming, S., Rathcke, M. W., Krogsgaard, Michael R. & Christensen, Karl Bang, 2022, I: British Journal of Sports Medicine. 56, 22, 8 s.

**Patient Reported Outcome Measures for Rheumatoid Arthritis Disease Activity: a systematic review following COSMIN guidelines**

Pickles, T., Macefield, R., Aiyegbusi, O. L., Beecher, C., Horton, M., Christensen, Karl Bang, Phillips, R., Gillespie, D. & Choy, E., 2022, I: RMD Open. 8, 1, 15 s.

**Psychological well-being and worries among pregnant women in the first trimester during the early phase of the COVID-19 pandemic in Denmark compared with a historical group: A hospital-based cross-sectional study**

Broberg, L., Rom, A. L., de Wolff, M. G., Høgh, S., Nathan, N., Paarlberg, L. D., Christensen, Karl Bang, Damm, Peter & Hegaard, Hanne Kristine, 2022, I: Acta Obstetrica et Gynecologica Scandinavica. 101, 2, s. 232-240 13 s.

**The effect of COVID-19 on schoolteachers' emotional reactions and mental health: longitudinal results from the CLASS study**

Nabe-Nielsen, Kirsten, Christensen, Karl Bang, Fuglsang, N. V., Larsen, I. & Nilsson, Charlotte Juul, 2022, I: International Archives of Occupational and Environmental Health. 95, 4, s. 855-865 11 s.

**Validation of the Copenhagen Hip and Groin Outcome Score (HAGOS) using modern test theory across different cultures and languages: a cross-sectional study of 452 male athletes with groin pain**

Christensen, Karl Bang, Clausen, M. B., King, E., Franklyn-Miller, A., Haroy, J., Andersen, T. E., Hölmich, Per & Thorborg, Kristian, 2022, I: British Journal of Sports Medicine. 54, 6, s. 333-339 7 s.

**Psychometric properties of a condition-specific PROM for the psychosocial consequences of Labelling hypertension by using Rasch analysis**

Gyuricza, J. V., Christensen, Karl Bang, d'Oliveira, A. F. P. L. & Brodersen, John Brandt, dec. 2021, I: Journal of Patient-Reported Outcomes. 5, 1, 17 s., 19.

**Patient safety culture improves during an in situ simulation intervention: a repeated cross-sectional intervention study at two hospital sites**

Schram, A., Paltved, C., Christensen, Karl Bang, Kjaergaard-Andersen, G., Jensen, H. I. & Kristensen, S., mar. 2021, I: BMJ Open Quality. 10, 1

**Clinicians' heuristic assessments of radiographs compared with Kellgren-Lawrence and Ahlbäck ordinal grading: An exploratory study of knee radiographs using paired comparisons**

Pedersen, M. M., Mongelard, K. B. G., Mørup-Petersen, A., Christensen, Karl Bang & Odgaard, Anders, 2021, I: BMJ Open. 11, 3, 9 s., e041793.

**Effectiveness of Adding a Large Dose of Shoulder Strengthening to Current Nonoperative Care for Subacromial Impingement: A Pragmatic, Double-Blind Randomized Controlled Trial (SExSI Trial)**

Clausen, M. B., Hölmich, Per, Rathleff, M., Bandholm, Thomas Quaade, Christensen, Karl Bang, Zebis, M. K. & Thorborg, Kristian, 2021, I: American Journal of Sports Medicine. 49, 11, s. 3040-3049 10 s.

**Exploratory data structure comparisons: three new visual tools based on principal component analysis\***

Petersen, Anne Helby, Markussen, Bo & Christensen, Karl Bang, 2021, I: Journal of Applied Statistics. 48, 9, s. 1675-1695 21 s.

**Five-Month Follow-up Shows No Improvement in Dermatological Complications in Children With Type 1 Diabetes Using Continuous Glucose Monitoring Systems and Insulin Pumps**

Weng, A. T., Zachariae, Claus, Christensen, Karl Bang, Svensson, Jannet & Berg, A. K., 2021, I: Journal of Diabetes Science and Technology. 15, 2, s. 317-323 7 s.

**How to translate and locally adapt a PROM: Assessment of cross-cultural differential item functioning**

Krogsgaard, Michael R., Brodersen, John Brandt, Christensen, Karl Bang, Siersma, Volkert Dirk, Jensen, J., Hansen, C. F., Engebretsen, L., Visnes, H., Forssblad, M. & Comins, J. D., 2021, I: Scandinavian Journal of Medicine & Science in Sports. 31, 5, s. 999-1008 10 s.

**Lifestyle Habits among Pregnant Women in Denmark during the First COVID-19 Lockdown Compared with a Historical Period-A Hospital-Based Cross-Sectional Study**

Hegaard, Hanne Kristine, Rom, A. L., Christensen, Karl Bang, Broberg, L., Hogh, S., Christiansen, C. H., Nathan, N. O., de Wolff, M. G. & Damm, Peter, 2021, I: International Journal of Environmental Research and Public Health. 18, 13, 13 s., 7128.

**Longitudinal symptom burden in adult patients with acute leukaemia participating in the PACE-AL randomised controlled exercise trial-an explorative analysis**

Jarden, Mary Ellen, Møller, Tom, Christensen, Karl Bang, Buchardt, A., Kjeldsen, L. & Adamsen, L., 2021, I: European Journal of Cancer Care. 30, 5, 14 s., 13462.

**Psychometric validation of PROM instruments: Article four in a series of ten**

Christensen, Karl Bang, Comins, J. D., Krogsgaard, Michael R., Brodersen, John Brandt, Jensen, J., Hansen, C. F. & Kreiner, Svend, 2021, I: Scandinavian Journal of Medicine and Science in Sports. 31, 6, s. 1225-1238 14 s.

**Responsiveness, minimal important difference, minimal relevant difference, and optimal number of patients for a study**

Comins, J. D., Brodersen, John Brandt, Christensen, Karl Bang, Jensen, J., Hansen, C. F. & Krogsgaard, Michael R., 2021, I: Scandinavian Journal of Medicine & Science in Sports. 31, 6, s. 1239-1248 10 s.

**The Voice-Related Quality of Life (V-RQOL) Instrument: Cross-Cultural Translation and Test of Validity and Reliability of the Danish Version**

Wulff, N. B., Møller, P. R., Christensen, Karl Bang, Pedersen, S. G., Wessel, Irene, Dalton, Susanne Oksbjerg & Homøe, Preben, 2021, I: Journal of Voice. 35, 5, s. 806.e7-806.e14 8 s.

**The development and initial validation of the Breast Cancer Recurrence instrument (BreastCaRe)-a patient-reported outcome measure for detecting symptoms of recurrence after breast cancer**

Hoeg, B. L., Saltbaek, L., Christensen, Karl Bang, Karlsen, R. V., Johansen, Christoffer, Dalton, Susanne Oksbjerg, Bennett, A. & Bidstrup, Pernille Envold Hansen, 2021, I: Quality of Life Research. 30, s. 2671-2682 12 s.

**What is a PROM and why do we need it? Article 1 in a series of 10**

Krogsgaard, Michael R., Brodersen, John Brandt, Christensen, Karl Bang, Siersma, Volkert Dirk, Kreiner, Svend, Jensen, J., Hansen, C. F. & Comins, J. D., 2021, I: Scandinavian Journal of Medicine and Science in Sports. 31, 5, s. 967-971 5 s.

**Chronic rhinosinusitis in COPD: A prevalent but unrecognized comorbidity impacting health related quality of life**

Arndal, E., Sørensen, A. L., Lapperre, T. S., Said, N., Trampedach, C., Aanæs, Kasper, Alanin, M. C., Christensen, Karl Bang, Backer, Vibeke & von Buchwald, Christian, 2020, I: Respiratory Medicine. 171, 106092.

**Contextualized attribution: How young unemployed people blame themselves and the system and the relationship between blame and subjective well-being**

Pultz, S., Teasdale, T. W. & Christensen, Karl Bang, 2020, I: Nordic Psychology (Online). 72, 2, s. 146-167

### **Early Prediction of One-Year Mortality in Ischemic and Haemorrhagic Stroke**

Liljehult, J., Christensen, T. & Christensen, Karl Bang, 2020, I: *Journal of Stroke & Cerebrovascular Diseases*. 29, 4, 104667.

### **Early initiated postoperative rehabilitation enhances quality of life in patients with operable lung cancer: Secondary outcomes from a randomized trial**

Sommer, M. S., Vibe-Petersen, J., Staerkind, M. B., Langer, Seppo W., Larsen, Klaus Richter, Trier, K., Christensen, M., Clementsen, P. F., Missel, M., Christensen, Karl Bang, Lillelund, C., Langberg, Henning, Pedersen, J. H. & Quist, Morten, 2020, I: *Lung Cancer*. 146, s. 285-289 5 s.

### **Effects of a physical activity program from diagnosis on cardiorespiratory fitness in children with cancer: a national non-randomized controlled trial**

Nielsen, M. K. F., Christensen, J. F., Frandsen, T. L., Thorsteinsson, Troels, Andersen, L. B., Christensen, Karl Bang, Wehner, P. S., Hasle, H., Adamsen, L. O., Schmiegelow, Kjeld & Larsen, Hanne Bækgaard, 2020, I: *BMC Medicine*. 18, 1, 12 s., 175.

### **Effects of an exercise intervention for patients with advanced inoperable lung cancer undergoing chemotherapy: A randomized clinical trial**

Quist, Morten, Langer, Seppo W., Lillelund, C., Winther, L., Laursen, J. H., Christensen, Karl Bang, Rorth, M. & Adamsen, L., 2020, I: *Lung Cancer*. 145, s. 76-82 7 s.

### **Felodipine and renal function in lung transplantation: A randomized placebo-controlled trial**

Hornum, Mads, Iversen, M., Oturai, P., Andersen, M. J., Zemtsovski, M., Bredahl, P., Bjarnason, N. H., Christensen, Karl Bang, Carlsen, Jørn, Møller, Christian H., Feldt-Rasmussen, Bo & Perch, Michael, 2020, I: *Journal of Heart and Lung Transplantation*. 39, 6, s. 541-550 12 s.

### **Incidences of obstetric outcomes and sample size calculations: a Danish national registry study based on all deliveries from 2008 to 2015**

Hoegh, S., Thellesen, L., Christensen, Karl Bang, Bergholt, Thomas, Hedegaard, M. & Sorensen, Jette Led , 2020, I: *Acta Obstetrica et Gynecologica Scandinavica*. 99, 1, s. 34-41 8 s.

### **Making the best of the worst: Care quality during emergency cesarean sections**

Andersen, Betina Ristorp, Rasmussen, M. B., Christensen, Karl Bang, Engel, K. G., Ringsted, C., Løkkegaard, Ellen Christine Leth & xgz472, xgz472, 2020, I: *PLoS ONE*. 15, 2, 13 s., e0227988.

### **Physical deterioration and adaptive recovery in physically inactive breast cancer patients during adjuvant chemotherapy: a randomised controlled trial**

Møller, Tom, Andersen, C., Lillelund, C., Bloomquist, K., Christensen, Karl Bang, Ejlersen, Bent Laursen, Tuxen, M., Oturai, P., Breitenstein, U., Kolind, C., Travis, P., Bjerg, T., Rørth, M. & Adamsen, L., 2020, I: *Scientific Reports*. 10, 1, 15 s., 9710.

### **Psychometric Validation of the Danish Version of the Oswestry Disability Index in Patients with Chronic Low Back Pain**

Comins, J., Brodersen, John Brandt, Wedderkopp, N., Lassen, M. R., Shakir, H., Specht, K., Brorson, Stig & Christensen, Karl Bang, 2020, I: *Spine*. 45, 16, s. 1143-1150 8 s.

### **Rapid decline in <sup>51</sup>Cr-ethylenediaminetetraacetic acid-measured renal function during the first weeks following liver transplantation**

Hornum, Mads, Penninga, L., Rostved, A. A., Christensen, Karl Bang, Oturai, P., Plagborg, U., Feldt-Rasmussen, Bo, Hillingsø, Jens Georg & Rasmussen, A., 2020, I: *Nephrology, Dialysis, Transplantation*. 35, 3, s. 519-526 7 s.

### **The Hidradenitis Suppurativa Quality of Life (HiSQOL) score: development and validation of a measure for clinical trials**

Kirby, J. S., Thorlacius, L., Villumsen, B., Ingram, J. R., Garg, A., Christensen, Karl Bang, Butt, M., Esmann, S., Tan, J. & Jemec, Gregor, 2020, I: *British Journal of Dermatology*. 183, 2, s. 340-348 9 s.

### **Validation and assessment of minimally clinically important difference of the unadjusted Health Assessment Questionnaire in a Danish cohort: uncovering ordinal bias**

Ørnbjerg, L. M., Christensen, Karl Bang, Tennant, A. & Hetland, Merete Lund, 2020, I: Scandinavian Journal of Rheumatology. 49, 1

**'Same, but different': A mixed-methods realist evaluation of a cluster-randomized controlled participatory organizational intervention**

Abildgaard, J. S., Nielsen, K., Wåhlin-Jacobsen, C. D., Maltesen, T., Christensen, Karl Bang & Holtermann, A., 2020, I: Human Relations. 73, 10, s. 1339-1365 27 s.

**Relationship Between Patient-Reported Outcome Measures and the Severity of Chronic Obstructive Pulmonary Disease in the Context of an Innovative Digitally Supported 24-Hour Service: Longitudinal Study**

Lindskrog, S., Christensen, Karl Bang, Osborne, Richard Harry, Vingtoft, S., Phanareth, K. & Kayser, Lars, 2 jun. 2019, I: Journal of Medical Internet Research. 21, 6, 12 s., e10924.

**Development and Validation of a Screening Tool for Surgery-Specific Neuropathic Pain: Neuropathic Pain Scale for Postsurgical Patients**

Mejdahl, M. K., Christensen, Karl Bang & Andersen, K. G., 2019, I: Pain Physician. 22, 2, s. E81-E90 10 s.

**Equivalence of using a desktop virtual reality science simulation at home and in class**

Makransky, Guido, Mayer, R. E., Veitch, N., Hood, M., Christensen, Karl Bang & Gadegaard, H., 2019, I: PLoS ONE. 14, 4, 14 s., e0214944.

**Gastrointestinal motility in patients with end-stage renal disease on chronic hemodialysis**

Broberg, B., Madsen, J. L., Fuglsang, S., Holst, Jens Juul, Christensen, Karl Bang, Rydahl, C., Idorn, T., Feldt-Rasmussen, Bo & Hornum, Mads, 2019, I: Neurogastroenterology and Motility. 31, 4, e13554.

**Heavy-load resistance exercise during chemotherapy in physically inactive breast cancer survivors at risk for lymphedema: a randomized trial**

Bloomquist, K., Adamsen, L., Hayes, S. C., Lillelund, C., Andersen, C., Christensen, Karl Bang, Oturai, P., Ejlersen, Bent Laursen, Tuxen, M. K. & Møller, T., 2019, I: Acta Oncologica. 58, 12, s. 1667-1675 9 s.

**Pre-hospital management of acute stroke patients eligible for thrombolysis - an evaluation of ambulance on-scene time**

Drenck, N., Viereck, S., Bækgaard, J. S., Christensen, Karl Bang, Lippert, F. & Folke, Fredrik, 2019, I: Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine. 27, 8 s., 3.

**Psychopathy in a forensic sample - the factor structure of the PCL:SV in a Danish forensic sample**

Bo, S., Pedersen, L., Christensen, Karl Bang & Rasmussen, K., 2019, I: Scandinavian Journal of Psychology. 60, 5, s. 447-455 9 s.

**Rasch validation of the Danish version of the shoulder pain and disability index (SPADI) in patients with rotator cuff-related disorders**

Christensen, Karl Bang, Thorborg, Kristian, Hölmich, Per & Clausen, M. B., 2019, I: Quality of Life Research. 28, 3, s. 795-800 6 s.

**The Danish Psychosocial Work Environment Questionnaire (DPQ): Development, content, reliability and validity**

Clausen, T., Madsen, I. E., Christensen, Karl Bang, Bjørner, Jakob Bue, Poulsen, O. M., Maltesen, T., Borg, V. & Rugulies, Reiner Ernst, 2019, I: Scandinavian Journal of Work, Environment & Health. 45, 4, s. 256-369 14 s.

**Validation of a health screening questionnaire for primary care using Rasch models**

Comins, J. D., Freund, K. S., Christensen, Karl Bang, Lous, J. & Brodersen, John Brandt, 2019, I: Journal of Patient-Reported Outcomes. 3, 10 s., 12.

**The Strengthening Exercises in Shoulder Impingement trial (The SESSI-trial) investigating the effectiveness of a simple add-on shoulder strengthening exercise programme in patients with long-lasting subacromial impingement syndrome: Study protocol for a pragmatic, assessor blinded, parallel-group, randomised, controlled trial**

Clausen, M. B., Bandholm, Thomas Quaade, Rathleff, M. S., Christensen, Karl Bang, Zebis, M. K., Graven-Nielsen, T., Hölmich, Per & Thorborg, Kristian, 2 mar. 2018, I: Trials. 19, 17 s., 154.

**Needs and preferences among patients with high-grade glioma and their caregivers - A longitudinal mixed methods study**  
Piil, K., Jakobsen, J., Christensen, Karl Bang, Juhler, Marianne, Guetterman, T. C., Fetters, M. D. & Jarden, Mary Ellen, mar. 2018, I: European Journal of Cancer Care. 27, 2, s. 1-13 e12806.

**Heavy-Load Lifting: Acute Response in Breast Cancer Survivors at Risk for Lymphedema**

Bloomquist, K., Oturai, P., Steele, M. L., Adamsen, L., Møller, Tom, Christensen, Karl Bang, Ejlersen, B. & Hayes, S. C., feb. 2018, I: Medicine and Science in Sports and Exercise. 50, 2, s. 187-195 9 s.

**A Multidimensional Tool Based on the eHealth Literacy Framework: Development and Initial Validity Testing of the eHealth Literacy Questionnaire (eHLQ)**

Kayser, Lars, Karnoe, A., Lauritzen, Dorthe Furstrand, Batterham, R., Christensen, Karl Bang, Elsworth, G. & Osborne, Richard Harry, 2018, I: Journal of Medical Internet Research. 20, 2, 10 s., e36.

**Assessing Competencies Needed to Engage With Digital Health Services: Development of the eHealth Literacy Assessment Toolkit**

Karnoe, A., Lauritzen, Dorthe Furstrand, Christensen, Karl Bang, Nørgaard, O. & Kayser, Lars, 2018, I: Journal of Medical Internet Research. 20, 5, 13 s., e178.

**Changes in Health-Related Quality of Life During Rehabilitation in Patients With Operable Lung Cancer: A Feasibility Study (PROLUCA)**

Sommer, M. S., Trier, K., Vibe-Petersen, J., Christensen, Karl Bang, Missel, M., Christensen, M., Larsen, K. R., Langer, S. W., Hendriksen, C., Clementsen, P. F., H. Pedersen, J. & Langberg, Henning, 2018, I: Integrative Cancer Therapies. 17, 2, s. 388-400 13 s.

**Conservative treatment for patients with subacromial impingement: Changes in clinical core outcomes and their relation to specific rehabilitation parameters**

Clausen, M. B., Merrild, M. B., Witten, A., Christensen, Karl Bang, Zebis, M. K., Hölmich, Per & Thorborg, Kristian, 2018, I: PeerJ. 6, 20 s., e4400.

**Early initiated postoperative rehabilitation reduces fatigue in patients with operable lung cancer: A randomized trial**

Quist, Morten, Sommer, M. S., Vibe-Petersen, J., Stærkind, M. B., Langer, Seppo W., Larsen, Klaus Richter, Trier, K., Christensen, M., Clementsen, P. F., Missel, M., Henriksen, C., Christensen, Karl Bang, Lillelund, C., Langberg, Henning & Pedersen, J. H., 2018, I: Lung Cancer. 126, s. 125-132 8 s.

**Effects of a lighter, smaller football on acute match injuries in adolescent female football: a pilot cluster-randomized controlled trial**

Zebis, M. K., Thorborg, Kristian, Andersen, L. L., Møller, M., Christensen, Karl Bang, Clausen, M. B., Hölmich, Per, Wedderkopp, N., Andersen, T. B. & Krstrup, P., 2018, I: The Journal of Sports Medicine and Physical Fitness. 58, 5, s. 644-650

**Measuring bothersome menopausal symptoms: development and validation of the MenoScores questionnaire**

Lund, K. S., Siersma, Volkert Dirk, Christensen, Karl Bang, Waldorff, Frans Boch & Brodersen, John Brandt, 2018, I: Health and Quality of Life Outcomes. 16, 12 s., 97.

**SAS macros for longitudinal IRT models**

Olsbjerg, M. & Christensen, Karl Bang, 2018, I: PeerJ PrePrints. 6, 36 s., e26740v1.

**Testing physical function in children undergoing intense cancer treatment-a RESPECT feasibility study**

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**Testing the Fit of Latent Regression Models**

Christensen, Karl Bang & Kreiner, Svend, 2004, I: Communications in Statistics - Theory and Methods.

Education

- Ph.d. degree in Biostatistics, University of Copenhagen, 2003
- Master degree in theoretical statistics, University of Copenhagen, 1998.

## Professional Activities

- Chairman of the Danish Society for Theoretical Statistics 2012-2015.
- Member of the local organizing committee of the 26th Nordic Conference in Mathematical Statistics in Copenhagen, 2016.
- Member of the local organizing committee of the 5th Nordic-Baltic Biometric Conference, in Copenhagen, 2017.
- Academic editor for PLOS ONE.
- Associate editor for Frontiers In Psychology.

## Supervision

Have acted as supervisor for three master thesis in the Master of Health Science (Cand.Scient.San.) program at the University of Copenhagen and as supervisor for three master theses in the mathematical statistics program at the University of Copenhagen (Faculty of Science). Five of these six projects lead to peer reviewed publications. Three of these published this year. Two published earlier:

- Clausen MB et al. The American Journal of Sports Medicine, 2014. Impact factor 6.2, cited 97 times.  
<https://doi.org/10.1177/0363546514541224>.

- Søbørg S et al. Cell metabolism. 2017. Impact factor 27.3, cited 146 times.  
<https://doi.org/10.1016/j.cmet.2017.04.009>.

Have been PhD supervisor for two PhD students (both statisticians) and as PhD co-supervisor for four projects (three candidates in Public Health, one Master of Health Science). Currently supervising/co-supervising four PhD students (two statisticians, one medical doctor, one candidate in Public Health).