

Ortopædkirurgi og nefrologi var udtaget som pilot område.

Medicinsk Forskningsafsnit 2011

- (1) Hansen D, Rasmussen K, Danielsen H, Meyer-Hofmann H, Bacevicius E, Lauridsen TG, et al. No difference between alfacalcidol and paricalcitol in the treatment of secondary hyperparathyroidism in hemodialysis patients: A randomized crossover trial. *Kidney Int* 2011;80(8):841-50.
Keywords: Peer-reviewed
- (2) Krag A, Pedersen EB, Møller S, Bendtsen F. Effects of the vasopressin agonist terlipressin on plasma cAMP and ENaC excretion in the urine in patients with cirrhosis and water retention. *Scand J Clin Lab Invest* 2011;71(2):112-6.
Keywords: Peer-reviewed
- (3) Madsen LB, Christiansen T, Kirkegaard P, Pedersen EB. Economic evaluation of home blood pressure telemonitoring: a randomized controlled trial. *Blood Press* 2011 Apr;20(2):117-25.
Keywords: Peer-reviewed
- (4) Oczachowska-Kulik AE, Lund AM, Skovby F, Pedersen EB. Bedre prognose af cystinose ved behandling med systeamin og nyretransplantation. *Ugeskr Læger* 2011 Aug 15;173(33):1958-62.
Keywords: Peer-reviewed
- (5) Pedersen EB, Ardal B, Bech JN, Lauridsen TG, Larsen NA, Mikkelsen L, et al. The Effect of Glucose Added to the Dialysis Fluid on Blood Pressure, Vasoactive Hormones and Energy Transfer during Hemodialysis in Chronic Renal Failure. *Open J Nephrol* 2011;1(2):5-14.
Keywords: Peer-reviewed
- (6) Pedersen TAL, Munk K, Andersen NH, Lundorf E, Pedersen EB, Hjortdal VE, et al. High long-term morbidity in repaired aortic coarctation: Weak association with residual arch obstruction. *Congenital Heart Disease* 2011 Nov;6(6):573-82.
Keywords: Peer-reviewed
- (7) Vase H, Lauridsen TG, Graffe CC, Pedersen EB. The effect of eprosartan on reflex sympathetic activation in sodium restricted patients with essential hypertension. *J Am Soc Hypertens* 2011 Sep;5(5):385-94.
Keywords: Peer-reviewed

Medicinsk Forskningsafsnit 2012

- (1) Graffe CC, Bech JN, Lauridsen TG, Vase H, Pedersen EB. Abnormal increase in urinary aquaporin-2 excretion in response to hypertonic saline in essential hypertension. *BMC Nephrol* 2012;13:15.
Keywords: Peer-reviewed
- (2) Graffe CC, Bech JN, Pedersen EB. Effect of high and low sodium intake on urinary aquaporin-2 excretion in healthy humans. *Am J Physiol Renal Physiol* 2012 Jan 15;302(2):F264-F275.
Keywords: Peer-reviewed
- (3) Graffe CC, Bech JN, Lauridsen TG, Pedersen EB. Urinary excretion of AQP2 and ENaC in autosomal dominant polycystic kidney disease during basal conditions and after a hypertonic saline infusion. *Am J Physiol Renal Physiol* 2012 Apr 15;302(8):F917-F927.
Keywords: Peer-reviewed
- (4) Grube M, Bech JN, Pedersen EB. Primær hyperparatyroidisme som årsag til kronisk nyresvigt. *Ugeskr Læger* 2012 Feb 20;174(8):502-3.
Keywords: Peer-reviewed

- (5) Juul JS, Larsen T, Marcussen N, Pedersen EB. Forbedret prognose ved letkædenefropati ved myelomatose. *Ugeskr Laeger* 2012 Apr 23;174(17):1159-60.
Keywords: Peer-reviewed
- (6) Larsen T, Mose FH, Bech JN, Hansen AB, Pedersen EB. Effect of cholecalciferol supplementation during winter months in patients with hypertension: a randomized, placebo-controlled trial. *Am J Hypertens* 2012 Nov;25(11):1215-22.
Keywords: Peer-reviewed
- (7) Larsen T, Mose FH, Bech JN, Pedersen EB. Effect of nitric oxide inhibition on blood pressure and renal sodium handling: a dose-response study in healthy man. *Clin Exp Hypertens* 2012;34(8):567-74.
Keywords: Peer-reviewed
- (8) Matthesen SK, Larsen T, Lauridsen TG, Vase H, Gjorup PH, Nykjaer KM, et al. Effect of amiloride and spironolactone on renal tubular function, ambulatory blood pressure, and pulse wave velocity in healthy participants in a double-blinded, randomized, placebo-controlled, crossover trial. *Clin Exp Hypertens* 2012;34(8):588-600.
Keywords: Peer-reviewed
- (9) Matthesen SK, Larsen T, Vase H, Lauridsen TG, Pedersen EB. Effect of potassium supplementation on renal tubular function, ambulatory blood pressure and pulse wave velocity in healthy humans. *Scand J Clin Lab Invest* 2012 Feb;72(1):78-86.
Keywords: medicinsk forskning
- (10) Vase H, Mathiassen ON, Kalsoft A, Pedersen EB, Christensen KL, Buus NH, et al. Catheter-based renal denervation for treatment of resistant hypertension. *Dan Med J* 2012 Jun;59(6):A4439.
Keywords: Peer-reviewed

Medicinsk Forskningsafsnit 2013

- (1) Bech JN, Starklint J, Bentzen H, Nyvad O, Pedersen EB. Renal and hormonal effects of systemic nitric oxide inhibition in patients with congestive heart failure and in healthy control subjects. *J Card Fail* 2013 Nov;19(11):776-85.
Keywords: Peer-reviewed
- (2) Jensen JM, Mose FH, Bech JN, Nielsen S, Pedersen EB. Effect of volume expansion with hypertonic- and isotonic saline and isotonic glucose on sodium and water transport in the principal cells in the kidney. *BMC Nephrology* 2013;14(1):202.
Keywords: Peer-reviewed
- (3) Kancir ASP, Viftrup JE, Pedersen EB. Lithium kan anvendes til patienter i hæmodialyse. *Ugeskr Laeger* 2013 Sep 2.
Keywords: Peer-reviewed
- (4) Kralund HH, Ousager L, Jaspers NG, Raams A, Pedersen EB, Gade E, et al. Xeroderma pigmentosum-trichothiodystrophy overlap patient with novel XPD/ERCC2 mutation. *Rare Diseases* 2013;1(MAY):e24932.
Keywords: Peer-reviewed
- (5) Larsen T, Mose FH, Bech JN, Pedersen EB. Effect of paricalcitol on renin and albuminuria in non-diabetic stage III-IV chronic kidney disease: A randomized placebo-controlled trial. *BMC Nephrology* 2013;14(1):163.
Keywords: Peer-reviewed
- (6) Matthesen SK, Larsen T, Vase H, Lauridsen TG, Jensen JM, Pedersen EB. Effect of Amiloride and Spironolactone on Renal Tubular Function and Central Blood Pressure in Patients with Arterial

Hypertension during Baseline Conditions and after Furosemide: A Double-Blinded, Randomized, Placebo-Controlled Crossover Trial. *Clin Exp Hypertens* 2013;35(5):313-24.

Keywords: Peer-reviewed

- (7) Mose FH, Larsen T, Bech JN, Pedersen EB. Effects of atorvastatin on systemic and renal nitric oxide in healthy man. *Clin Exp Hypertens* 2013;35(2):148-57.

Keywords: Peer-reviewed

- (8) Ufer F, Diederich S, Pedersen EB, Spranger J, Pfeiffer AFH, BÃhr V, et al. Arginine vasopressin-dependent and AVP-independent mechanisms of renal fluid absorption during thirsting despite glucocorticoid-mediated vasopressin suppression. *Clin Endocrinol (Oxf)* 2013;78(3):431-7.

Keywords: Peer-reviewed

Ortopædkirurgisk Afdeling 2011

- (1) Hansen TB, Hengst D, Mortensen J, Amstrup AL. Fixation of trapezial implants in a trapeziometacarpal total joint prosthesis tested in a model of porcine bone. *J Plast Surg Hand Surg* 2011 Dec;45(6):263-6.

Keywords: Peer-reviewed

- (2) Hansen TB, Meier M, Moller MC, Larsen K, Stilling M. Primary cup fixation with different designs of trapeziometacarpal total joint trapezium components: a radiostereometric analysis in a pig bone model. *J Hand Surg Eur Vol* 2011 May;36(4):285-90.

Keywords: Peer-reviewed.

- (3) Jakobsen F, Hansen TB, Eika B. "Knowing more about the other professions clarified my own profession". *J Interprof Care* 2011 Nov;25(6):441-6.

Keywords: Peer-reviewed

- (4) Monrad RN, Rytter S. Tåourniquetsyndrom hos barn på tre måneder. *Ugeskr Laeger* 2011 Feb 21;173(8):587-8.

Keywords: Peer-reviewed.

- (5) Munk S, Odgaard A, Madsen F, Dalsgaard J, Jorn LP, Langhoff O, et al. Preoperative lateral subluxation of the patella is a predictor of poor early outcome of Oxford phase-III medial unicompartmental knee arthroplasty. *Acta Orthop* 2011 Oct;82(5):582-8.

Keywords: Peer-reviewed

- (6) Petersen T, Larsen K, Nordsteen J, Olsen S, Fournier G, Jacobsen S. The McKenzie method compared with manipulation when used adjunctive to information and advice in low back pain patients presenting with centralization or peripheralization: A randomized controlled trial. *Spine* 2011;36(24):1999-2010.

Keywords: Peer-reviewed

- (7) Schonemann JO, Hansen TB, Soballe K. Randomised study of non-bridging external fixation compared with intramedullary fixation of unstable distal radial fractures. *J Plast Surg Hand Surg* 2011 Sep;45(4-5):232-7.

Keywords: Peer-reviewed

- (8) Schonemann JO, Larsen K, Hansen TB, Soballe K. Reliability and validity of the Danish version of the disabilities of arm, shoulder, and hand questionnaire in patients with fractured wrists. *J Plast Surg Hand Surg* 2011 Feb;45(1):35-9.

Keywords: Peer-reviewed

- (9) Sorensen OG, Larsen K, Jakobsen BW, Kold S, Hansen TB, Taudal S, et al. Serial dilation reduces graft slippage compared to extraction drilling in anterior cruciate ligament reconstruction: a randomized controlled trial using radiostereometric analysis. *Knee Surg Sports Traumatol Arthrosc*

2011 Mar;19(3):347-54.
Keywords: Peer-reviewed

- (10) Sorensen OG, Larsen K, Jakobsen BW, Kold S, Hansen TB, Lind M, et al. The combination of radiostereometric analysis and the telos stress device results in poor precision for knee laxity measurements after anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc* 2011 Mar;19(3):355-62.
Keywords: Peer-reviewed
- (11) Stilling M, Madsen F, Odgaard A, Romer L, Andersen NT, Rahbek O, et al. Superior fixation of pegged trabecular metal over screw-fixed pegged porous titanium fiber mesh: a randomized clinical RSA study on cementless tibial components. *Acta Orthop* 2011 Apr;82(2):177-86.
Keywords: Peer-reviewed
- (12) Tjornild M, Soballe K, Bender T, Stilling M. Reproducibility of BMD Measurements in the Prosthetic Knee Comparing Knee-Specific Software to Traditional DXA Software: A Clinical Validation. *Journal of Clinical Densitometry* 2011 Apr;14(2):138-48.
Keywords: Peer-reviewed
- (13) van de Giessen M, de RS, Stilling M, Hansen TB, Maas M, Streekstra GJ, et al. Localized component analysis for arthritis detection in the trapeziometacarpal joint. *Med Image Comput Assist Interv* 2011;14(Pt 2):360-7.
Keywords: Peer-reviewed

Ortopædkirurgisk Afdeling 2012

- (1) de Raedt S., Stilling M, van de Giessen M, Streekstra GJ, Vos FM, Hansen TB. A three-dimensional analysis of osteoarthritic changes in the thumb carpometacarpal joint. *J Hand Surg Eur Vol* 2012 Nov 7.
Keywords: Peer-reviewed
- (2) Gottliebsen M, Rahbek O, Ottosen PF, Soballe K, Stilling M. Superior 11-year survival but higher polyethylene wear of hydroxyapatite-coated Mallory-Head cups. *Hip Int* 2012 Jan;22(1):35-40.
Keywords: Peer-reviewed
- (3) Hansen TB, Bredtoft HK, Larsen K. Preoperative physical optimization in fast-track hip and knee arthroplasty. *Dan Med J* 2012 Feb;59(2):A4381.
Keywords: Peer-reviewed
- (4) Jensen LK, Rytter S, Marott JL, Bonde JP. Relationship between years in the trade and the development of radiographic knee osteoarthritis and MRI-detected meniscal tears and bursitis in floor layers. A cross-sectional study of a historical cohort. *BMJ Open* 2012;2(3):e001109.
Keywords: ortopædkirafd.
- (5) Jensen LK, Rytter S, Bonde JP. Symptomatic knee disorders in floor layers and graphic designers. A cross-sectional study. *BMC Musculoskelet Disord* 2012;13:188.
Keywords: Peer-reviewed
- (6) Krenk L, Rasmussen LS, Hansen TB, Bogo S, Soballe K, Kehlet H. Delirium after fast-track hip and knee arthroplasty. *Br J Anaesth* 2012 Apr;108(4):607-11.
Keywords: Peer-reviewed
- (7) Larsen K, Hansen TB, Soballe K, Kehlet H. Patient-reported outcome after fast-track knee arthroplasty. *Knee Surg Sports Traumatol Arthrosc* 2012 Jun;20(6):1128-35.
Keywords: Peer-reviewed

- (8) Munk S, Dalsgaard J, Bjerggaard K, Andersen I, Hansen TB, Kehlet H. Early recovery after fast-track Oxford unicompartmental knee arthroplasty. 35 patients with minimal invasive surgery. *Acta Orthop* 2012 Feb;83(1):41-5.
Keywords: Peer-reviewed
- (9) Rytter S, Jensen LK, Bonde JP, Egund N. MR Imaging of Intra- and Periarticular Cyst-Like Lesions of the Knee Joint in Workers with Occupational Kneeling. *Int J Rheumatol* 2012;2012:843970.
Keywords: Peer-reviewed
- (10) Rytter S, Skafdrup K. Pyomyositis forårsaget af *Streptococcus pneumoniae* hos tidligere rask 20-årig. *Ugeskr Laeger* 2012 Oct 1;174(40):2390-1.
Keywords: Peer-reviewed
- (11) Stilling M, Mechlenburg I, Amstrup A, Soballe K, Klebe T. Precision of novel radiological methods in relation to resurfacing humeral head implants: Assessment by radiostereometric analysis, DXA, and geometrical analysis. *Arch Orthop Trauma Surg* 2012 Nov;132(11):1521-30.
Keywords: Peer-reviewed

Ortopædkirurgisk Afdeling 2013

- (1) Aalund PK, Larsen K, Hansen TB, Bandholm T. Normalized knee-extension strength or leg-press power after fast-track total knee arthroplasty: which measure is most closely associated with performance-based and self-reported function? *Arch Phys Med Rehabil* 2013 Feb;94(2):384-90.
Keywords: Peer-reviewed
- (2) Andersen T, Christensen FB, Langdahl BL, Ernst C, Fruensgaard S, Ostergaard J, et al. Degenerative spondylolisthesis is associated with low spinal bone density: A comparative study between spinal stenosis and degenerative spondylolisthesis. *BioMed Research International* 2013;2013.
Keywords: Peer-reviewed
- (3) Dremstrup L, Skjaerbaek MS, Olesen S, Høgh A, Hansen TB. Good radiological and functional results after intramedullary nailing of distal radius fractures. *Journal of Plastic Surgery and Hand Surgery* 2013;47(4):286-8.
Keywords: Peer-reviewed
- (4) Hansen TB, Mosegaard KB, Sørensen OG, Mortensen J, Stilling M. Bone mineral density of the trapezium in osteoarthritic trapeziometacarpal joints. *Journal of Hand Surgery-European Volume* 2013;38(8):875-9.
Keywords: Peer-reviewed
- (5) Hansen TB, Sørensen OG, Kirkeby L, Homilius M, Amstrup AL. Computed tomography improves intra-observer reliability, but not the inter-observer reliability of the Eaton-Glickel classification. *J Hand Surg Eur Vol* 2013 Feb;38(2):187-91.
Keywords: Peer-reviewed
- (6) Hansen TB, Stilling M. Equally good fixation of cemented and uncemented cups in total trapeziometacarpal joint prostheses. A randomized clinical RSA study with 2-year follow-up. *Acta Orthop* 2013 Feb;84(1):98-105.
Keywords: Peer-reviewed
- (7) Hansen TB, Dremstrup L, Stilling M. Patients with metal-on-metal articulation in trapeziometacarpal total joint arthroplasty may have elevated serum chrome and cobalt. *Journal of Hand Surgery-European Volume* 2013;38(8):860-5.
Keywords: Peer-reviewed

- (8) Hjort J, Rahbek O, Stilling M. Børn med hoftesmerter skal henvises hurtigt. Ugeskr Laeger 2013 Feb 11;175(7):417-8.
Keywords: Peer-reviewed.
- (9) Hjorth MH, Soballe K, Lorenzen N, Stilling M. Pseudotumor ved metal-metal-hofteprotese. Ugeskr Laeger 2013 Mar 11;175(11):735-6.
Keywords: Peer-reviewed
- (10) Jorgensen CC, Jacobsen MK, Soeballe K, Hansen TB, Husted H, Kjaersgaard-Andersen P, et al. Thromboprophylaxis only during hospitalisation in fast-track hip and knee arthroplasty, a prospective cohort study. BMJ Open 2013;3(12):A74.
Keywords: Peer-reviewed
- (11) Madsen M, Larsen K, Madsen IK, Soe H, Hansen TB. Late group-based rehabilitation has no advantages compared with supervised home-exercises after total knee arthroplasty. Dan Med J 2013 Apr;60(4):A4607.
Keywords: Peer-reviewed
- (12) Mechlenburg I, Amstrup A, Klebe T, Jacobsen SS, Teichert G, Stilling M. The Copeland resurfacing humeral head implant does not restore humeral head anatomy. A retrospective study. Arch Orthop Trauma Surg 2013 May;133(5):615-9.
Keywords: Peer-reviewed
- (13) Munk S, Jensen NJ, Andersen I, Kehlet H, Hansen TB. Effect of compression therapy on knee swelling and pain after total knee arthroplasty. Knee Surg Sports Traumatol Arthrosc 2013 Feb;21(2):388-92.
Keywords: Peer-reviewed
- (14) Pape B, Thiessen PS, Jakobsen F, Hansen TB. Interprofessional collaboration may pay off: introducing a collaborative approach in an orthopaedic ward. J Interprof Care 2013 Jun 27;27(6):496-500.
Keywords: Peer-reviewed
- (15) Schonemann JO, Hansen TB, Soballe K. Translation and validation of the Danish version of the Patient Rated Wrist Evaluation questionnaire. J Plast Surg Hand Surg 2013 Apr 18;47(6):489-92.
Keywords: Peer-reviewed
- (16) Sorensen AM, Dalsgaard J, Hansen TB. Local anaesthesia versus intravenous regional anaesthesia in endoscopic carpal tunnel release: a randomized controlled trial. J Hand Surg Eur Vol 2013 Jun;38(5):481-4.
Keywords: Peer-reviewed
- (17) Thomsen PB, Dalsgaard J, Vainorius D, Hansen TB. Acceptable long-term results after Boneloc hip arthroplasty. Dan Med J 2013 Aug;60(8):A4671.
Keywords: Peer-reviewed
- (18) Thomsen PB, Jensen NJF, Kampmann J, Hansen TB. Revision hip arthroplasty with an extensively porous-coated stem - excellent long-term results also in severe femoral bone stock loss. HIP International 2013;23(4):352-8.
Keywords: Peer-reviewed