

CV OF PER KJÆRSGAARD-ANDERSEN

CONTACT INFORMATION

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CLINICAL EXPERIENCE

2007- Associate professor in Orthopaedic Surgery at University of Southern Denmark
2002- Head of Sector for Hip and Knee Replacement, Department of Orthopaedics,
Vejle Hospital, Denmark
Earlier Employments within Orthopaedic Surgery at Odder Hospital, Kolding Hospital, Aalborg
University Hospital, Vejle Hospital at South Danish University, Aarhus University Hospitals and
The Orthopaedic Hospital, Aarhus in various positions a.o. Administrative Consultant

ADMINISTRATIVE EXPERIENCE

2016- 2. Vice President, European Federation of National Associations of Orthopaedics and
Traumatology (EFORT)
2012-2016 Secretary General, European Federation of National Associations of Orthopaedics and
Traumatology (EFORT)
2011 President for 12th EFORT Congress in Copenhagen, Denmark
2010 Consultant Chairman for the Norwegian Government regarding Health Task Organisation
within Orthopaedic Surgery in Norway, Region South-East
2010- Board Member in Danish Medical Association for advising the Danish Government / Danish
Health Institute in organisation of the medical specialities
2008- Editor-in-Chief for the Orthopaedic Newsletter "Orthopaedics Today Europe"
2008- Chairman of the Danish National Board of Health task group concerning specialist planning in
orthopaedic surgery
2008-2010 Chairman / president of the Danish Orthopaedic Society
2007-2011 Co-opted member of EFORT Executive Committee

2001-2006 Chairman / president of the Danish Society for Hip and Knee Surgery

1998-2011 Expert Advisor in the Danish Health Authorities Patient Complaints Board

TEACHING

- Clinical Lecturer at University of Southern Denmark since 2004;
- Clinical Lecturer at Aarhus University Hospital 1994-1998;
- Annually since 2002: Lecturer at “A seminar” in hip joint arthrosis for orthopaedic residents.

RESEARCH SUPERVISION

Auxiliary ph.d. supervision

- Anne-Christine Bay Jensen: “The Molecular Mechanism of postmenopausal Osteoarthritis”. Achieved ph.d. degree 2008.
- Claus Varnum: “Ceramic bearing in Total Hip Replacement”. Achieved Ph.D-degree May 2016
- Christen Ravn: “On the diagnosis of prosthetic joint infections”. To be defended August 2016
- Kirsten Specht: “Organisational changes during implementing accelerated patient treatment programmes: Impact on different medical professions”. Achieved Ph.D- degree 2015.

Opponent at doctoral and Ph.D-thesis

- Natalie Halladin: “Oxidative and inflammatory biomarkers of ischemia and reperfusion injuries”. Defended at Copenhagen University on June 16, 2014 (Ph.D)

Main tutor at doctoral thesis

- Lasse Enkebølle Rasmussen:” Application of the arterial Tourniquet in orthopaedic surgery” Started May 2009.

LECTURES AND PODIUM PRESENTATIONS

More than 300+ lectures on orthopaedic subject at National and International Orthopaedic Meeting, including 5 papers presented at the American Academy of Orthopaedic Surgeons since 1989.

PEER REVIEW SCIENTIFIC MANUSCRIPTS

A total of 85 peer review manuscripts (PubMed: Kjaersgaard-Andersen P). Selections of “best papers”:

1. **Kjaersgaard-Andersen P**, Christensen F, Pedersen NW, Schmidt SA, Jørgensen B. A new method of estimation of interobserver variation and its application to the radiological assessment of osteoarthritis in hip joints. Stat. Med. 1988; 7(6): 639-647.
2. Schmidt SA, **Kjaersgaard-Andersen P**, Pedersen NW, Kristensen SS, Pedersen P, Nielsen JB. The use of indometacin to prevent the formation of heterotopic bone after total hip replacement. A randomized, double blind clinical trial. J. Bone Joint Surg. 1988; 70-A (July): 834-838.
3. **Kjaersgaard-Andersen P**, Pedersen P, Kristensen SS, Schmidt SA, Pedersen NW. Serum alkaline phosphatase as an indicator of heterotopic bone formation following total hip arthroplasty. Clin. Orthop. 1988; 234: 102-109.
4. **Kjaersgaard-Andersen P**, Schmidt SA, Pedersen NW, Kristensen SS, Pedersen, P, Nielsen JB. The incidence of heterotopic bone formation after total hip replacement in patients without postoperative treatment with a nonsteroidal anti-inflammatory drug. Acta Orthop. Scand. 1988, 59(5), suppl 227, 40.

5. **Kjaersgaard-Andersen P**, Hvid I, Wethelund J, Sneppen O. Total condylar knee arthroplasty in osteoarthritis. A four to six year follow up of 103 cases. *Clin. Orthop.* 1989; 238: 167-173.
6. **Kjaersgaard-Andersen P**, Schmidt SA, Pedersen MW, Kristensen SS, Pedersen P. Early radiolucencies following cemented total hip replacement. Influence of postoperative treatment with Indomethacin. *Orthopedics* 1989; 12(3): 401-406.
7. **Kjaersgaard-Andersen P**, Schmidt SA, Pedersen NW, Kristensen SS, Pedersen P. Erythrocyte sedimentation rate and heterotopic bone formation after cemented total hip arthroplasty. *Clin. Orthop.* 1989; 248: 189-194.
8. **Kjaersgaard Andersen P**, Sletgaard J, Gjerløff C, Lund F. Heterotopic bone formation after noncemented total hip arthroplasty: Location of ectopic bone and the influence of postoperative anti-inflammatory treatment. *Clin. Orthop.* 1990; 252: 156-162.
9. **Kjaersgaard-Andersen P**, Nafei A, Skov O, Madsen F, Andersen HM, Krøner K, Hvass I, Gjøderum O, Pedersen L, Branbjerg PE. Codeine plus paracetamol versus paracetamol in longer-term treatment of chronic pain due to osteoarthritis of the hip. A randomized, double-blind, multi-centre study. *Pain* 1990; 43(3): 309-318.
10. **Kjaersgaard-Andersen P**, Ritter MA. Short-term treatment with nonsteroidal anti-inflammatory medications to prevent heterotopic bone formation after total hip arthroplasty. A preliminary report. *Clin. Orthop.* 1992; 279: 157-162.
11. **Kjaersgaard-Andersen P**, Schmidt SA. Total hip arthroplasty. The role of anti-inflammatory medications in the prevention of heterotopic ossification. *Clin. Orthop.* 1991; 263: 78-86.
12. **Kjaersgaard-Andersen P**, Ritter MA. Prevention of formation of heterotopic bone after total hip arthroplasty. Current concept. *J Bone Joint Surg (Am)*. 1991; 73-A: 942-947.
13. Bay-Jensen A-C, Andersen TL, Tabassi NC-B, Kristensen PW, **Kjaersgaard-Andersen P**, Sandell L, Garnerio P, Delaissé J-M. Biochemical markers of type II collagen breakdown and synthesis are positioned at specific sites in human osteoarthritic knee cartilage. *Osteoarthritis and Cartilage*. 2008; 16: 615-23.
14. Knudsen R, Ovesen O, **Kjaersgaard-Andersen P**, Overgaard S. Constrained liners for recurrent dislocations in total hip arthroplasty. *Hip International*. 2009; Vol. 17: 78-81
15. Specht K, Leonhardt JS, Revald P, Mandøe H, Andresen EB, Brodersen J, Kreiner S, **Kjaersgaard-Andersen P**. No evidence of a clinically important effect of adding local infusion analgesia administered through a catheter in pain treatment after total hip arthroplasty: A randomized double-blind and placebo-controlled clinical trial in 60 patients. *Acta Orthop Scand*, 2011; 82 (2): 315-320.
16. Harbo M, Bendix L, Bay-Jensen AC, Graakjaer J, Soe K, Andersen TL, **Kjaersgaard-Andersen P**, Koelvrå S, Delaissé J-M. The distribution pattern of critically short telomeres in human osteoarthritic knees. *Arthritis Research & Therapy* 2012, 14: R12
17. **Kjaersgaard-Andersen P**; Kehlet H. Editorial: Should deep venous thrombosis prophylaxis be used in fast-track hip and knee replacement? *Acta Orthop*, 2012; 83 (2): 105-6.
18. Jensen C, Roos EM, **Kjaersgaard-Andersen P**, Overgaard S. The effect of education and supervised exercise vs. education alone on the time to total hip replacement in patients with severe hip osteoarthritis. A randomized clinical trial protocol. *BMC Musculoskelet Disord*. 2013 Jan 14; 14: 21.
19. Andersen TL, Abdelgawad M, Hauge EM, Rolighed L, Bollerslev J, **Kjaersgaard-Andersen P**, Delaissé J-M. Understanding coupling between bone resorption and formation: Are reversal cells the missing link? *Am J Pathol*. 2013 Jul; 183(1): 235-46.
20. Harbo M, Bendix L, **Kjaersgaard-Andersen P**, Koelvrå S, Sørensen FB, Delaissé J-M. The relationship between ultra-short telomeres, aging of articular cartilage and the development of human hip osteoarthritis. *Mech Ageing Dev*. 2013 Sep; 134(9): 367-72.
21. Jørgensen C, Jacobsen M, Soeballe K, Hansen TB, Husted H, **Kjaersgaard-Andersen P**, Hansen L, Laursen M, Kehlet H. Short thromboprophylaxis after fast-track hip and knee arthroplasty. A detailed prospective consecutive unselected cohort study. *BMJ Open* 2013;3:e003965
22. Jørgensen C, Jacobsen M, Soeballe K, Hansen TB, Husted H, **Kjaersgaard-Andersen P**, Hansen L, Laursen M, Kehlet H. Outcomes in smokers and alcohol users after fast-track hip- and knee arthroplasty. *Acta Anaesthesiol Scand* 2013; 57:631-638.

23. Jørgensen C, Jacobsen M, Soeballe K, Hansen TB, Husted H, **Kjaersgaard-Andersen P**, Hansen L, Laursen M, Kehlet H. Role of patient characteristics for fast-track hip and knee arthroplasty. *Br J Anaesth* 2013; 110: 972-80.
24. Jørgensen CC, Kehlet H; Lundbeck, , Søballe K, Hansen TB, Husted H, Laursen MB, Hansen LT, **Kjaersgaard-Andersen P**. Fall-related admissions after fast-track total hip and knee arthroplasty - cause of concern or consequence of success? *Clin Interv Aging*. 2013; 8: 1569-77.
25. Andersen TL, Hauge EM, Rolighed L, Bollerslev J, **Kjaersgaard-Andersen P**, Delaisse JM. Correlation between Absence of Bone-Remodeling Compartment Canopies, Reversal-Phase Arrest, and Deficient Bone Formation in Post-Menopausal Osteoporosis. *Am J Pathol*. 2014; 184: 1142-51.
26. Abdelgawad M, Søre K, Andersen TL, Merrild DMH, Christiansen P, **Kjaersgaard-Andersen P**, Delaisse J-M. Does collagen trigger the recruitment of osteoblasts into vacated bone resorption lacunae during bone remodeling?. *Bone*, 2014; 67: 181-88.
27. Jørgensen CC, **Kjaersgaard-Andersen P**, Solgaard S, Kehlet H: Hip dislocations after 2.734 elective unilateral fast-track total hip arthroplasties. Incidence, circumstances and predisposing factors. *Arch Orthop Traum Surg*. Arch Orthop Trauma Surg. 2014 Nov; 134 (11): 1615-22.
28. Zagra L, **Kjaersgaard-Andersen P**. Advances in primary and revision total hip replacement. *Hip Int*. 2014 Oct 2; 24 (Suppl 10:S1)
29. Jans Ø, Jørgensen CC, Kehlet H, Johansson PI, Søballe K, Hansen TB, Husted H, Laursen MB, Hansen LT, **Kjaersgaard-Andersen P**. Role of preoperative anemia for risk of transfusion and postoperative morbidity in fast-track hip and knee arthroplasty. *Transfusion* 2014; 54 (3): 717-26.
30. Husted H, Gromow K, Jørgensen CC, Troelsen A, **Kjaersgaard-Andersen P**, Kehlet H et al. Low manipulation prevalence following fast-track total knee arthroplasty. A multicenter cohort-study in 3.145 consecutive unselected patients. *Acta Orthop* 2015; 86 (1): 86-91.
31. Gundtoft PH, Overgaard S, Schönheyder HC, Møller JK, **Kjaersgaard-Andersen P**, Pedersen AB. The "true" incidence of surgically treated deep prosthetic joint infection after 32,896 primary total hip arthroplasties: A prospective cohort study. *Acta Orthop* 2015; 86 (3): 326-34.
32. Jørgensen CC, Madsbad S, Kehlet H, **Kjaersgaard-Andersen P**, et al. Postoperative morbidity and mortality in type-2 diabetics after fast-track primary total hip and knee arthroplasty. *Anesth Analg* 2015; 120: 230-8.
33. Jørgensen CC, Kehlet H, Søballe K, Hansen TB, Husted H, Laursen MB, Hansen LT, **Kjaersgaard-Andersen P**. Preoperative anemia and newly diagnosed cancer 1 year after elective total hip and knee arthroplasty. *Vox Sang* 2015; 109: 62-70.
34. Varnum C, Pedersen AB, **Kjaersgaard-Andersen P**, Overgaard S. Comparison of the risk of revision in cementless total hip arthroplasty with ceramic-on-ceramic and metal-on-polyethylene bearings. Data on 11.096 patients from the Danish Hip Arthroplasty Registry. *Acta Orthop* 2015; 86(4): 477-84.
35. Specht K, **Kjaersgaard-Andersen P**, Kehlet H, Wedderkopp N, Pedersen BD. High patient satisfaction in 445 patients who underwent fast-track hip and knee replacement. *Acta Orthop* 2015; 86 (6): 702-7.
36. Specht K, **Kjaersgaard-Andersen P**, Kehlet H, Pederdsen BD. Nursing in fast-track total hip and knee arthroplasty. A retrospective study. *Int J Orthop Traum Nursing* 2015; 19: 121-30.
37. Jørgensen CC, Knop H-C, Nordentoft M, Kehlet H, Søballe K, Hansen TB, Husted H, Laursen MB, Hansen LT, **Kjaersgaard-Andersen P**, Solgaard S. Psychiatric disorders and psychopharmacologic treatment as risk factors in elective fast-track total hip and knee arthroplasty. *Anesthesiology* 2015; 123: 1281-91.
38. Jans Ø, Mehlsen J, **Kjaersgaard-Andersen P**, Husted H, Solgaard S, Jossiansen J, Lunn TH, Kehlet H. Oral midodrine hydrochloride for prevention of orthostatic hypotension during early mobilization after hip arthroplasty – a randomized, double-blind, placebo-controlled trial. *Anesthesiology* 2015; 123: 1292-300.
39. Merrild DMH, Pirapaharan DC, Andreasen CM, **Kjaersgaard-Andersen P**, Møller AMJ, Ding M, Delaisse J-M, Søre K. Pit and trend forming osteoclasts: A distinction that matters. *Bone Res*. 2015 Dec 1;3:15032. doi: 10.1038/boneres.2015.32. eCollection 2015. PMID: 26664853
40. Specht K, **Kjaersgaard-Andersen P**, Pedersen BP. Patient experience in fast-track total hip and knee arthroplasty – a qualitative study. *J Clin Nurs* 2016: 25:836-45.

41. Jørgensen CC, Petersen MA, Kehlet H, **Kjaersgaard-Andersen P**, et al. Preoperative prediction of potentially preventable morbidity after fast-track hip and knee arthroplasty. *BMJ Open*, 2016 Jan 12;6(1):e009813. doi: 10.1136/bmjopen-2015-009813
42. Jørgensen CC, Kehlet H, **Kjaersgaard-Andersen P** et al. Early thromboembolic events <_ 1 week after fast-track total hip and knee arthroplasty. *Thrombosis Hemostasis* 2016; 138: 37-42.
43. Bjerregaard LS, Jørgensen CC, Kehlet H, **Kjaersgaard-Andersen P**, et al. Serious renal and urological complications after total hip and knee arthroplasty. A detailed observational cohorte study. *Minerva Anesthesiol* 2016; e-pub ahead.
44. Jans Ø, Bandhold T, Solgaard S, **Kjaersgaard-Andersen P**, Johansson PI, Kehlet H. Postoperative anemia and early functional outcomes after fast-track hip arthroplasty: a prospective cohorte study. *Transfusion* 2016; 56: 917-25.
45. Varnum C, Pedersen AB, **Kjaersgaard-Andersen P**, Overgaard S. Are different types of bearings and noises from total hip arthroplasty related to quality of life postoperatively? *Acta Orthop* (Accepted May 24, 2015)
46. Pitter FT, Jørgensen CC, Lindberg-Larsen M, Kehlet H, **Kjaersgaard-Andersen P**, et al. Postoperative morbidity and discharge destinations after fast-track hip and knee arthroplasty in patients 85 years or elder. *Anaest Analg* (Submitted Oct, 2015)
47. Rasmussen LE, Holm HA, Kristensen PW, **Kjaersgaard-Andersen P**. Muscle damage from arterial tourniquet in total knee arthroplasty occurs underneath the cuff. *Acta Orthop* (submitted August 2015)
48. Jørgensen CC, Kehlet H, **Kjaersgaard-Andersen P** et al. Preoperative anticoagulant therapy, thromboembolic events and major bleedings after fast-track hip and knee arthroplasty. *European Heart Journal* (submitted October 2015)
49. Husted H, Jørgensen CC, Gromov K, Kehlet, H, **Kjaersgaard-Andersen P** et al. Does BMI influence hospital stay and morbidity after fast-track hip and knee arthroplasty?. *J. Arthroplasty* (submitted February 2016).
50. Kruijntjens DS, **Kjaersgaard-Andersen P**, Revald P, Jutten LM, Schwartz JL, Arts JJ, ten Brooke RH. The uncemented SYMAX stem. Clinical and radiographical performance after minimum 5-year follow-up in an international multicentre study. *J Arthroplasty* (submitted April 2016)
51. Poulsen NS, Mechlenburg I, Søballe K, Lange J, **Kjaersgaard-Andersen P** et al. Patient-reported quality of life and hip function after revision total hip arthroplasty due to chronic periprosthetic infection. *Acta Orthop* (submitted April 2016)
52. Jafari A, Qanie D, Andersen TL, Zhang Y, Chen L, Postert B, Parsons S, Ditzel N, Khosla S, Johansen HT, Kjaersgaard-Andersen P, Delaisse J-M, Abdallah BM, Hesselson D, Solberg R and Kassem M. Legumain is a regulator of bone formation and deregulator in postmenopausal osteoporosis. *J Clin Invest* (submitted May 3, 2016)
53. Gylvin SH, Jørgensen CC, Fink-Jensen A, **Kjaersgaard-Andersen P**, Kehlet H et al. Selective serotonin inhibitors and blood transfusion in fast-track total hip and knee arthroplasty. *Journal????* (submitted May 9, 2016)
54. **Kjaersgaard-Andersen P**, Husted H. Pain management in fast-track total hip arthroplasty. *EFFORT Open Reviews* (submitted May 17, 2016).