
Personal data

Name: Kjeld Søballe, Professor, MD, DMSc
Employment: Aarhus University Hospital, Department of Orthopaedic Surgery,
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Education

1994: Specialist in Orthopaedic surgery
1994: DMSc, University of Aarhus, Denmark
1983: MD, University of Aarhus, Denmark

Scientific positions

2005: **Full clinical Professorship** in Orthopaedic Surgery, Aarhus University Hospital
2003: **Honorary professor**, Department of Orthopaedic Surgery, University of Minnesota, USA
2001: **Clinical professor** in Orthopaedics, Aarhus University Hospital (5 years)
1998: Nominated number one for a full clinical professorship in Orthopaedics, University of CPH
1998: Associate professor, Danish Institute for Health Technology Assessment (DIHTA)
1998: Associate professor, Aarhus University Hospital
1995: Assisting professor, Aarhus University Hospital
1994: Research and clinical fellowship, Dept. of Orthopaedics, University of Minnesota, USA
1987: Research Fellowship in Orthopaedics, Aarhus University Hospital

Bibliography

Peer-reviewed papers:	415
Citations:	9193
H-index:	50
Invited lectures:	230
Book chapters:	14
Book chapters in teaching books:	3 (coeditor of Ortopædisk Kirurgi by Otto Sneppen)

Current research interest

Experimental basic research in implant fixation, ceramic coatings, bone grafting, growth factors, cytokines, wear debris, nano science, tissue engineering, therapeutic peptides, gene technology, stem cells, clinical studies of total joints, epidemiology of osteoarthritis, clinical databases, fast-track programmes and health economic research.

Member of evaluation of scientific theses

DMSc theses: 5 theses
PhD theses: 42 theses
Diploma theses: 32 theses

Awards

Honorary Award from Generalkonsul Ernst Carlsens Fond 2016 (40,000 DKK)
Queen Ingrid's Research Prize 2009 (100,000 DKK)
Best poster, Danish Orthopaedic Society, 2005, 2008, 2009, 2011
Award Paper, Danish Orthopaedic Society, 1995, 1997, 1998, 2000, 2001, 2002, 2004, 2007, 2011
Best Poster Award, PhD Day, Aarhus University, 2006, 2007, 2009, 2012
Kappa Delta Award, Orthopaedic Research Society 2005
William Harris Award, Washington DC, 2005 (5,000 USD)
Award paper. Hip International, Baveno 2002
Acta Orthopaedica Scandinavica Award article year 2000, 2002 (2 x 10,000 USD)
Young investigator award. Combined Orthopaedic Research Society Meeting, Hamamatsu, Japan, 1997
Young investigator award. Orthopaedic Research Society, Atlanta, 1997
European Society of Biomechanics (ESB) Research Award for 1996
European Society for Biomaterials award. Amsterdam, 1988

Memberships

Treasurer of the European Hip Society
Member of the Danish Orthopaedic Society
Member of the European Orthopaedic Research Society
Member of the Orthopaedic Research Society
Member of the Research Council of the Danish Rheumatism Association
Member of the Danish Steering Committee of "The Bone and Joint Decade 2000-2010"
Member of the Danish Standards Association, representing Danish orthopaedic surgery
Member of the Committee on Good Clinical Practice, University of Aarhus
Member of the Danish Medico-legal Council
Member of the Executive Committee, iNano Center, University of Aarhus 2002
Member of the Steering Committee, Ganganalyselaboratoriet, Hammel
Member of the Steering Committee, Orthopaedic Joint Database
Member of the Board of Directors, Peter Ryholt's Trust Fund
Member of the Board (chairman), Ortopædkirurgisk Forskningsfond i Aarhus og Thomasens Legat
Aarhus Mountain Bike Club
President of the Nordic Orthopaedic Federation's Congress in Aarhus, 2010
Member of the Editorial Board, Acta Orthopaedica Scandinavica
Honorary Member of The British Hip Society, 2012

Theses from the Orthopaedic research group (and Supervisor Experience)**DMSc (dr.med) theses:**

	Completed
1. Kjeld Søballe	1994
2. Martin Lind	1998
3. Søren Overgaard	2000
4. Steffen Jacobsen	2006
5. Michael Ulrich-Vinter	2007
6. Anders Troelsen	2012
7. Inger Mechlenburg	2016
8. Thomas Jakobsen	2019
9. Mette Holm Hjort	2019

PhD projects:

	Completed
10. Martin Lind	1996
11. Ole Rahbek	2002
12. Michel Ulrich-Vinther	2002
13. Søren Kold	2003
14. Thomas Bo Jensen	2003
15. Brian Elmengaard	2004
16. Marianne Nygaard	2005
17. Mogens Berg Laursen	2005
18. Alma B. Pedersen	2006
19. Berit Zippor	2007
20. Mette Ørskov Sjøland	2007
21. Anders Lamberg	2007
22. Inger Mechlenburg	2007
23. Thomas Baad Hansen	2007
24. Mette Krintel Petersen	2008
25. Britta Hørdam	2008
26. Jørgen Baas	2008
27. Stig Jakobsen	2008
28. Kristian Larsen	2008
29. Thomas V. Jacobsen	2008
30. Anders Troelsen	2009
31. Maiken Stilling	2009
32. Thomas H.L. Jensen	2009
33. Kirill Gromov	2009
34. Theis Thillemann	2009
35. Ole Gade Sørensen	2010
36. Tine Steen Rubak	2010
37. Karen V. Andersen	2010
38. Jesper Schønnemann	2010
39. Juozas Petruskevicius	2010
40. Henrik Daugaard	2010
41. Marianne Toft Vestermark	2011
42. Kasra Zainali	2011
43. Mette Koefoed	2011
44. Michael Kjeldager Tjørnild	2011
45. Nina Dyrberg Lorenzen	2012
46. Mette Sørensen	2012
47. Jeppe Barckman	2013
48. Rikke Vestergaard	2013
49. Charlotte Hartig-Andreasen	2013
50. Samir Munir	2013
51. Sys Hasslund	2014
52. Anette Liljensøe	2014
53. Lone Ramer Mikkelsen	2014
54. Birgit Skoffer	2015
55. Jeppe Lange	2015

56. Karen Toftdahl Bjørnholdt	2015
57. Mikkel Tøttrup	2015
58. Sepp de Raedt	2016
59. Jennie M.C. Strid	2017
60. Marie Bagger Bohn	2017
61. Rehne Lessmann Hansen	2017
62. Pia Kjær Kristensen	2017
63. Rasmus Cleemann	2017
64. Niels Dalsgaard Nielsen	2018
65. Thomas Dahl Nielsen	2018
66. Mette Holm Hjorth	2018
67. Signe Kierkegaard	2018
68. Julie Sandell Jacobsen	2018
69. Mats Bue	2019
70. Thomas Falstie-Jensen	2019
71. Helle Østergaard	in progress
72. Kaj Døssing	in progress
73. Thomas Falstie-Jensen	in progress
74. Peter Bo Jørgensen	in progress
75. Pelle Emil Hanberg	in progress
76. Maja Brøgger	in progress

Diploma projects (research year):

	Completed
1. Martin Lind	1991
2. Ejnar Larse	1991
3. Ole Rahbek	1996
4. Thomas Bo Jensen	1998
5. Marianne Toft	2001
6. Thomas Andersen	2002
7. Carsten Stengaard	2003
8. Mette Koefoed	2004
9. Helle Dahl Pedersen	2004
10. Dea Mathiesen	2005
11. Thomas V. Jakobsen	2005
12. Helene Juhl	2005
13. Charlotte Eriksen	2005
14. Kirill Gromov	2005
15. Martin Skøtt	2005
16. Lilli Ørris Skov	2005
17. Kim Gerloev	2005
18. Stefan Stender	2006
19. Christian Rahbek	2006
20. Lars Mikael Stensman	2006
21. Gitte Refsgård	2006
22. Karen Toftdahl	2006
23. Sys Hasslund	2007
24. Lise Beier Ommen	2007
25. Sidsel Hastrup	2007
26. Kasra Zainali	2007
27. Mette Lind Cole	2007
28. Kirsten Jellesmark	2007
29. Marie Bak	2008
30. Kristian Behrndtz	2008
31. Rikke Vestergaard	2008
32. Mikkel Saksø Mortensen	2009
33. Henrik Saksø	2009
34. Andreas West	2011
35. Nina Gedbjerg	2012

36. Lars Lykke Hermansen	2012
37. Mette Holm Hjorth	2013
38. Finn Sørensen	2014
39. Henrik Jonathan Münch	2015
40. Mats Bue	2015
41. Pelle Emil Hanberg	2015
42. Kristian Horsager	2015
43. Søren Reinhold Jakobsen	2016
44. Lars Hansen	2016
45. Karina Nørgaard Linde	2017
46. Charlotte V. Hemmingsen	2017
47. Maja Brøgger Thomassen	2018
48. Josefine Slater	in progress

Master projects (Health Science): Completed

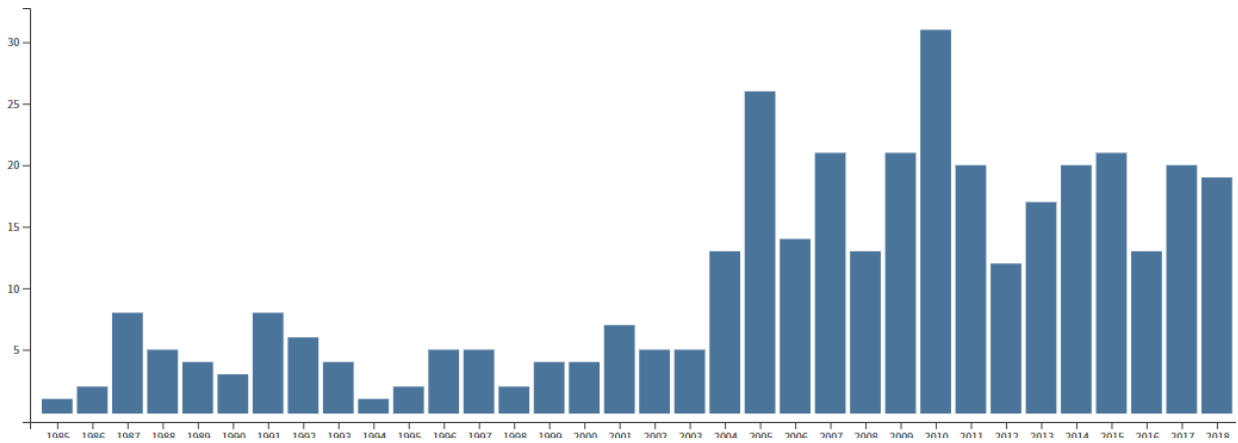
49. Peder Berg	2000
50. Eva Natalia Pedersen	2001
51. Inger Mechlenburg	2001
52. Mette Krintel Petersen	2002
53. Conny Madsen	2002

Foundation and grants

Funded by	Year	Grants (number)	Amount in DKK
The Danish Council for Independent Research Medical Sciences	2002	1	224.944
The Danish Council for Independent Research Medical Sciences	2003	3	1.476.818
The Danish Council for Independent Research Medical Sciences	2004	4	780.858
Aase og Ejnar Danielsen Foundation	2004	1	100.000
The Danish Council for Independent Research Medical Sciences	2005	5	1.392.608
A.P. Møller Foundation	2005	1	10.218.000
The Lundbeck Foundation	2005	1	750.000
The Danish Rheumatism Association	2005	1	100.000
The Research Foundation Aarhus University	2005	1	110.832
The Danish Council for Independent Research Medical Sciences	2006	2	420.888
Institute of Clinical Medicine	2006	1	120.000
The Danish Rheumatism Association	2006	5	1.070.000
Karen Elise Jensens Foundation	2007	1	1.000.000
The Danish Council for Independent Research Medical Sciences	2007	3	2.124.000
The Danish Rheumatism Association	2007	3	566.175
Aase og Ejnar Danielsen Foundation	2007	2	200.000
Augustinus Foundation	2007	1	100.000
The Danish Rheumatism Association DORG	2008	1	484.000
The Danish Rheumatism Association	2008	4	951.500
The Lundbeck Foundation	2008	1	34.650.000
Sahva Foundation	2009	1	100.000
The Health Insurance Foundation	2009	1	300.000
The Danish Rheumatism Association	2009	1	100.000
The Danish Council for Technology and Innovation	2009	1	18.500.000
Furlong Research Charitable Foundation (UK)	2009	1	1.073.559
Institute of Clinical Medicine	2009	1	200.000
The Danish Council for Independent Research Medical Sciences	2009	1	139.185
Institute of Clinical Medicine	2010	1	200.000
The Riisfort Foundation	2010	1	232.217
The Asker Larsen Foundation	2011	1	1.496.705
The Toyota Foundation	2011	1	100.000
The Aarhus University Research Foundation	2011	1	312.000
The Lundbeck Foundation	2011	1	110.400
Aarhus University Hospital, Spydspidspuljen	2012	1	1.500.000
The Danish Council for Independent Research Technology and Production Sciences	2012	1	5.037.343
P. A. Messerschmidt og Hustrus Foundation	2012	1	105.000
Aarhus University Hospital, Internationaliseringspuljen	2013	1	160.000
The Danish National Advanced Technology Foundation	2013	1	15.000.000
The Novo Nordisk Foundation	2017	2	893.139
Læge Sofus Carl Emil Friis og Hustru Olga Doris Friis' legat	2017	1	250.000

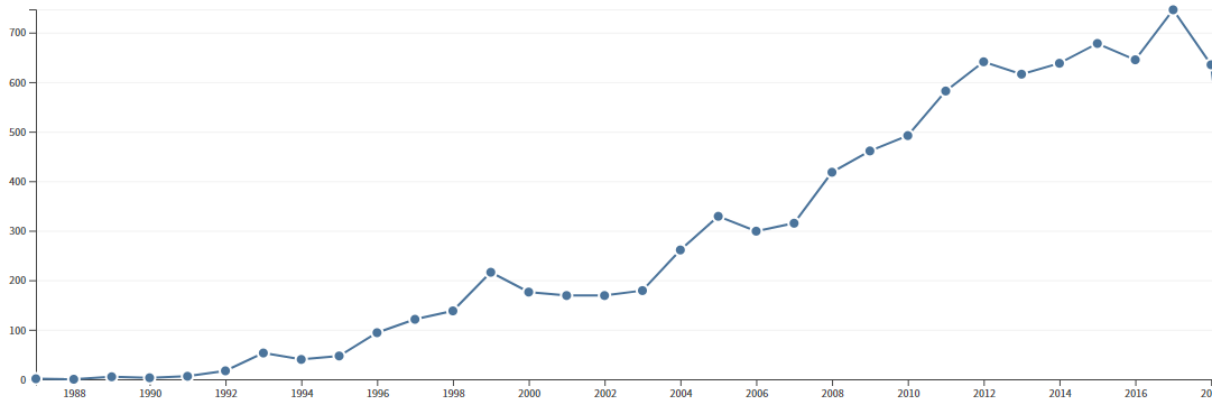
Published Items and Citations in each year from Web of Science

Total Publications



Citations

Sum of Times Cited per Year



Original publications the last 5 years (2013 December – 2018 December)**2013**

286. Soballe K, Troelsen A. Approaches and perioperative management in periacetabular osteotomy surgery: the minimally invasive transsartorial approach. *Instr Course Lect* 2013;62:297-303.
296. Barckman J, Baas J, Sorensen M, Lange J, Bechtold JE, Soballe K. Does tobramycin impregnation of allograft bone affect implant fixation? - An experimental study in 12 dogs. *J Biomed Mater Res B Appl Biomater* 2014;102:173-80. Epub 2013 Jul 30.
301. Klit J, Hartig-Andreasen C, Jacobsen S, Soballe K, Troelsen A. Periacetabular osteotomy: sporting, social and sexual activity 9-12 years post surgery. *Hip Int* 2014;24:27-31. Epub 2013 Sep 20.
303. Lorenzen ND, Stilling M, Ulrich-Vinther M, Trolle-Andersen N, Pryno T, Soballe K, Birke-Sorensen H. Increased post-operative ischemia in the femoral head found by microdialysis by the posterior surgical approach: a randomized clinical trial comparing surgical approaches in hip resurfacing arthroplasty. *Arch Orthop Trauma Surg* 2013;133:1735-45.
304. Vestergaard RF, Nielsen PH, Terp KA, Soballe K, Andersen G, Hasenkam JM. Effect of Hemostatic Material on Sternal Healing After Cardiac Surgery. *Ann Thorac Surg* 2013;97:153-60.
306. Valancius K, Soballe K, Nielsen PT, Laursen MB. No superior performance of hydroxyapatite-coated acetabular cups over porous-coated cups. *Acta Orthop* 2013;84:544-8.
307. Munir S, Foldager CB, Lind M, Zachar V, Soballe K, Koch TG. Hypoxia enhances chondrogenic differentiation of human adipose tissue-derived stromal cells in scaffold-free and scaffold systems. *Cell Tissue Res* 2014;355:89-102. Epub 2013 Nov.
308. Jorgensen CC, Jacobsen MK, Soeballe K, Hansen TB, Husted H, Kjaersgaard-Andersen P, Hansen LT, Laursen MB, Kehlet H. Thromboprophylaxis only during hospitalisation in fast-track hip and knee arthroplasty, a prospective cohort study. *BMJ Open* 2013;3:e003965.

2014

310. Mikkelsen LR, Petersen MK, Soballe K, Mikkelsen S, Mechlenburg I. Does reduced movement restrictions and use of assistive devices affect rehabilitation outcome after total hip replacement? A non-randomized, controlled study. *Eur J Phys Rehabil Med* 2014;50:383-93.
311. Birch S, Liljensoe A, Hartig-Andreasen C, Soballe K, Mechlenburg I. No correlations between radiological angles and self-assessed quality of life in patients with hip dysplasia at 2-13 years of follow-up after periacetabular osteotomy. *Acta Radiol* 2015;56:196-203. Epub 2014 Feb 13
312. Tottrup M, Forsingdal HT, Bendtsen M, Bue M, Brock B, Fursted K, Soballe K, Birke-Sorensen H. Pharmacokinetics of Cefuroxime in Cortical and Cancellous Bone Obtained by Microdialysis - a Porcine Study. *Antimicrob Agents Chemother* 2014;58:3200-3205.
313. Rubak TS, Svendsen SW, Soballe K, Frost P. Total hip replacement due to primary osteoarthritis in relation to cumulative occupational exposures and lifestyle factors: A nationwide nested case-control study. *Arthritis Care Res (Hoboken)* 2014;66:1496-505.
314. Krenk L, Kehlet H, Baek HT, Solgaard S, Soballe K, Rasmussen LS. Cognitive dysfunction after fast-track hip and knee replacement. *Anesth Analg* 2014;118:1034-40.
315. Hasslund S, Dadali T, Ulrich-Vinther M, Soballe K, Schwarz EM, Awad HA. Freeze-dried allograft-mediated gene or protein delivery of growth and differentiation factor 5 reduces reconstructed murine flexor tendon adhesions. *J Tissue Eng* 2014;5:2041731414528736.

316. Bjornholdt KT, Monsted PN, Soballe K, Nikolajsen L. Dexamethasone for pain after outpatient shoulder surgery: a randomised, double-blind, placebo-controlled trial. *Acta Anaesthesiol Scand* 2014;58:751-8.
317. Hjorth MH, Soballe K, Jakobsen SS, Lorenzen ND, Mechlenburg I, Stilling M. No association between serum metal ions and implant fixation in large-head metal-on-metal total hip arthroplasty. *Acta Orthop* 2014;85:355-62.
318. Mikkelsen LR, Mikkelsen S, Soballe K, Mechlenburg I, Petersen AK. A study of the inter-rater reliability of a test battery for use in patients after total hip replacement. *Clin Rehabil* 2015;29:165-74. Epub 2014 May 21.
319. Gustafson K, Jakobsen SS, Lorenzen ND, Thyssen JP, Johansen JD, Bonefeld CM, Stilling M, Baad-Hansen T, Soballe K. Metal release and metal allergy after total hip replacement with resurfacing versus conventional hybrid prosthesis. *Acta Orthop* 2014;85:348-54.
320. Hjorth MH, Stilling M, Lorenzen ND, Jakobsen SS, Soballe K, Mechlenburg I. Block-step asymmetry 5years after large-head metal-on-metal total hip arthroplasty is related to lower muscle mass and leg power on the implant side. *Clin Biomech (Bristol , Avon)* 2014;29:684-90.
321. Bendtsen TF, Pedersen EM, Haroutounian S, Soballe K, Moriggl B, Nikolajsen L, Hasselstrom JB, Fisker AK, Strid JM, Iversen B, Borglum J. The suprasacral parallel shift vs lumbar plexus blockade with ultrasound guidance in healthy volunteers - a randomised controlled trial. *Anaesthesia* 2014;69:1227-40.
322. Bohn MB, Sorensen H, Petersen MK, Soballe K, Lind M. Rotational laxity after anatomical ACL reconstruction measured by 3-D motion analysis: a prospective randomized clinical trial comparing anatomic and nonanatomic ACL reconstruction techniques. *Knee Surg Sports Traumatol Arthrosc* 2015;23:3473-81. Epub 2014 Jul 4.
323. Jakobsen SS, Liden C, Soballe K, Johansen JD, Menne T, Lundgren L, Bregnbak D, Moller P, Jellesen MS, Thyssen JP. Failure of total hip implants: metals and metal release in 52 cases. *Contact Dermatitis* 2014;71:319-25.
324. Jorgensen 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 Trauma Surg* 2014;134:1615-22.
325. Hermansen LL, Sorensen M, Barckman J, Bechtold JE, Soballe K, Baas J. Incorporation of raloxifene-impregnated allograft around orthopedic titanium implants impairs early fixation but improves new bone formation. *Acta Orthop* 2014;1-7.
326. Klit J, Gosvig K, Magnussen E, Gelineck J, Kallelose T, Soballe K, Troelsen A. Cam deformity and hip degeneration are common after fixation of a slipped capital femoral epiphysis. *Acta Orthop* 2014;85:585-91.
327. Jacobsen JS, Nielsen DB, Sorensen H, Soballe K, Mechlenburg I. Joint kinematics and kinetics during walking and running in 32 patients with hip dysplasia 1 year after periacetabular osteotomy. *Acta Orthop* 2014;85:592-9.
328. Mechlenburg I, Klebe TM, Dossing KV, Amstrup A, Soballe K, Stilling M. Evaluation of periprosthetic bone mineral density and postoperative migration of humeral head resurfacing implants: two-year results of a randomized controlled clinical trial. *J Shoulder Elbow Surg* 2014;23:1427-36.
329. Tjornild M, Soballe K, Hansen PM, Holm C, Stilling M. Mobile- vs. fixed-bearing total knee replacement. *Acta Orthop* 2014;1-7.
330. Mechlenburg I, Soballe K, Lamm M, Stilling M. [Hip dysplasia.]. *Ugeskr Laeger* 2014;176.
331. Mikkelsen LR, Mechlenburg I, Soballe K, Jorgensen LB, Mikkelsen S, Bandholm T, Petersen AK. Effect of early supervised progressive resistance training compared to unsupervised home-based exercise after fast-track

total hip replacement applied to patients with preoperative functional limitations. A single-blinded randomised controlled trial. *Osteoarthritis Cartilage* 2014;22:2051-8.

332. Tottrup M, Bibby BM, Hardlei TF, Bue M, Kerrn-Jespersen S, Fuursted K, Soballe K, Birke-Sorensen H. Continuous versus Short-term Infusion of Cefuroxime - Assessment of Concept Based on Plasma, Subcutaneous Tissue and Bone Pharmacokinetics in an Animal Model. *Antimicrob Agents Chemother* 2015;59:67-75. Epub 2014 Oct 13.
333. Bjornholdt KT, Brandsborg B, Soballe K, Nikolajsen L. Persistent pain is common 1-2 years after shoulder replacement. *Acta Orthop* 2015;86:71-7. Epub 2014 Nov 18.

2015

334. Munch HJ, Jacobsen SS, Olesen JT, Menne T, Soballe K, Johansen JD, Thyssen JP. The association between metal allergy, total knee arthroplasty, and revision: study based on the Danish Knee Arthroplasty Register. *Acta Orthop* 2015;86:378-83. Epub 2015 Jan 13
335. Vestergaard RF, Bruel A, Thomsen JS, Hauge EM, Soballe K, Hasenkam JM. The Influence of Hemostatic Agents on Bone Healing After Sternotomy in a Porcine Model. *Ann Thorac Surg* 2015;99:1005-11.
336. Jorgensen CC, Madsbad S, Kehlet H. Postoperative morbidity and mortality in type-2 diabetics after fast-track primary total hip and knee arthroplasty. *Anesth Analg* 2015;120:230-8.
337. Skoffer B, Dalgas U, Mechlenburg I, Soballe K, Maribo T. Functional performance is associated with both knee extensor and flexor muscle strength in patients scheduled for total knee arthroplasty: A cross-sectional study. *J Rehabil Med* 2015;47:454-9.
338. Husted H, Jorgensen CC, Gromov K, Troelsen A. Low manipulation prevalence following fast-track total knee arthroplasty. *Acta Orthop* 2015;86:86-91.
339. Mechlenburg I, Nyengaard JR, Gelineck J, Soballe K. Cartilage Thickness and Cyst Volume Are Unchanged 10 Years After Periacetabular Osteotomy in Patients Without Hip Symptoms. *Clin Orthop Relat Res* 2015;473:2644-9.
340. Martinkevich P, Rahbek O, Moller-Madsen B, Soballe K, Stilling M. Precise and feasible measurements of lateral calcaneal lengthening osteotomies by radiostereometric analysis in cadaver feet. *Bone Joint Res* 2015;4:78-83.
341. Jorgensen CC, Jans O, Kehlet H. Preoperative anaemia and newly diagnosed cancer 1 year after elective total hip and knee arthroplasty. *Vox Sang* 2015;109:62-70.
342. Lange J, Pedersen AB, Troelsen A, Soballe K. Do hip prosthesis related infection codes in administrative discharge registers correctly classify periprosthetic hip joint infection? *Hip Int* 2015;0.
343. Kierkegaard S, Jorgensen PB, Dalgas U, Soballe K, Mechlenburg I. Pelvic movement strategies and leg extension power in patients with end-stage medial compartment knee osteoarthritis: a cross-sectional study. *Arch Orthop Trauma Surg* 2015;135:1217-26.
344. Jakobsen T, Bechtold JE, Soballe K, Jensen T, Greiner S, Vestermark MT, Baas J. Local delivery of zoledronate from a poly (D,L-lactide)-coating increases fixation of press-fit implants. *J Orthop Res* 2015.
345. Andersen KV, Nikolajsen L, Daugaard H, Andersen NT, Haraldsted V, Soballe K. Local infiltration analgesia is not improved by postoperative intra-articular bolus injections for pain after total hip arthroplasty. *Acta Orthop* 2015;1-7.
346. Bue M, Birke-Sorensen H, Thillemann TM, Hardlei TF, Soballe K, Tottrup M. Single-dose pharmacokinetics of vancomycin in porcine cancellous and cortical bone determined by microdialysis. *Int J Antimicrob Agents* 2015.

347. Bjornholdt KT, Jensen JM, Bendtsen TF, Soballe K, Nikolajsen L. Local infiltration analgesia versus continuous interscalene brachial plexus block for shoulder replacement pain: a randomized clinical trial. *Eur J Orthop Surg Traumatol* 2015.
348. Birn I, Mechlenburg I, Liljensoe A, Soballe K, Larsen JF. The Association Between Preoperative Symptoms of Obesity in Knee and Hip Joints and the Change in Quality of Life After Laparoscopic Roux-en-Y Gastric Bypass. *Obes Surg* 2015.
349. Kierkegaard S, Lund B, Dalgas U, Sorensen H, Soballe K, Mechlenburg I. The Horsens-Aarhus Femoro Acetabular Impingement (HAFAI) cohort: outcome of arthroscopic treatment for femoroacetabular impingement. Protocol for a prospective cohort study. *BMJ Open* 2015;5:e008952.
350. Skalskoi O, Iversen CH, Nielsen DB, Jacobsen J, Mechlenburg I, Soballe K, Sorensen H. Walking patterns and hip contact forces in patients with hip dysplasia. *Gait Posture* 2015.
351. Hjorth MH, Stilling M, Soballe K, Bolvig LH, Thyssen JP, Mechlenburg I, Jakobsen SS. No association between pseudotumors, high serum metal-ion levels and metal hypersensitivity in large-head metal-on-metal total hip arthroplasty at 5-7-year follow-up. *Skeletal Radiol* 2016;45:115-25.
352. Kraemer O, Soballe K. Rapid development of osteoarthritis following arthroscopic resection of an "os acetabuli" in a mildly dysplastic hip--a case report. *Acta Orthop* 2015;86:760.
353. Kristensen PK, Thillemann TM, Soballe K, Johnsen SP. Can improved quality of care explain the success of orthogeriatric units? A population-based cohort study. *Age Ageing* 2015.
354. Hanberg P, Bue M, Sorensen HB, Soballe K, Tottrup M. Pharmacokinetics of single dose cefuroxime in porcine intervertebral disc and vertebral cancellous bone determined by microdialysis. *Spine J* 2015.
355. Jakobsen T, Kold S, Baas J, Soballe K, Rahbek O. Sheep Hip Arthroplasty Model of Failed Implant Osseointegration. *Open Orthop J* 2015;9:525-9.
356. Skoffer B, Maribo T, Mechlenburg I, Hansen PM, Soballe K, Dalgas U. Efficacy of pre-operative progressive resistance training on post-operative outcomes in patients undergoing total knee arthroplasty. *Arthritis Care Res (Hoboken)* 2015.
357. Hartig-Andreasen C, Troelsen A, Thillemann TM, Gelineck J, Soballe K. Risk factors for the need of hip arthroscopy following periacetabular osteotomy. *J Hip Preserv Surg* 2015;2:374-84.

2016

358. Bechtold JE, Swider P, Goreham-Voss C, Soballe K. Experimental and Numerical Models of Complex Clinical Scenarios; Strategies to Improve Relevance and Reproducibility of Joint Replacement Research. *J Biomech Eng* 2016;138.
359. Jorgensen CC, Petersen MA, Kehlet H. Preoperative prediction of potentially preventable morbidity after fast-track hip and knee arthroplasty: a detailed descriptive cohort study. *BMJ Open* 2016;6:e009813.
360. Mikkelsen LR, Petersen AK, Mechlenburg I, Mikkelsen S, Soballe K, Bandholm T. Description of load progression and pain response during progressive resistance training early after total hip arthroplasty: Secondary analyses from a randomized controlled trial. *Clin Rehabil* 2016.
361. Jakobsen T, Bechtold JE, Soballe K, Jensen T, Vestermark MT, Baas J. Local delivery of zoledronate from a poly (D,L-lactide)-coating increases fixation of hydroxy-coated implants. *J Orthop Res* 2016.
362. Tottrup M, Bue M, Koch J, Jensen LK, Hanberg P, Aalbaek B, Fursted K, Jensen HE, Soballe K. Effects of Implant-Associated Osteomyelitis on Cefuroxime Bone Pharmacokinetics: Assessment in a Porcine Model. *J Bone Joint Surg Am* 2016;98:363-9.

363. Jorgensen PB, Bogh SB, Kierkegaard S, Sorensen H, Odgaard A, Soballe K, Mechlenburg I. The efficacy of early initiated, supervised, progressive resistance training compared to unsupervised, home-based exercise after unicompartmental knee arthroplasty: A single-blinded randomized controlled trial. *Clin Rehabil* 2016.
364. Kristensen PK, Thillemann TM, Soballe K, Johnsen SP. Are process performance measures associated with clinical outcomes among patients with hip fractures? A population-based cohort study. *Int J Qual Health Care* 2016.
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