

CURRICULUM VITAE

Name: **Stein Atle Lie** (Born: March '65 in Bergen, Norway)

Academic degree: Ph.D. (dr.philos), MSc. (cand.scient)

Office tel: + 47 – 55 58 99 61

Email: Stein.Lie@uni.no

Web: <http://folk.uib.no/mse1>

Work address: Uni Health (Uni helse), Uni Research,
Christiesgate 13
N-5015 BERGEN, NORWAY

Web: <http://www.uni.no/helse>

Tel: + 47 – 55 58 32 68

Fax: + 47 – 55 58 98 78

Current position:

Prinsipal Researcher (statistician), deputy research director, Uni Health, Bergen.

Leader for the Research Centre for Sick Leave and Rehabilitation at Uni Health.

Professor II at the Institute for Surgical Sciences, University of Bergen

Working experience:

2010-11 (7 months): Research director at Unifob health

2009 (4 months): Research director at Unifob health

2005-09: 20 % position as statistical supervisor at the Norwegian Arthroplasty Register, Haukeland University Hospital.

2005-09: Senior research fellow (statistician/biostatistician) at Unifob health

2004-05: 20 % position as statistical supervisor at the *Child in Bergen* study ([Barn i Bergen], a study of the psychiatric health of children in Bergen).

2002-04: Post.doc. research fellow (Section for Epidemiology and Medical Statistics), University of Bergen. Financed by aid of EXTRA funds from the Norwegian Foundation for Health and Rehabilitation via the Norwegian Rheumatism Association.

1997-01: University fellow at SMiS (Section for Medical Statistics), University of Bergen. Funded by the University of Bergen.

1993-97: Statistician/IT-engineer/Programmer at the Norwegian Arthroplasty Register, Haukeland Hospital. Responsible for the establishment of the database and application in joints apart from hip. Translated the old database and application for the hip register, from the old mainframe machine, to new technology. Responsible for the annual report, and tools for future reports. Supervisor in statistics and IT at the arthroplasty register, the orthopedic department, and at SMiS.

1993: Project employee at SMiS (Section for Medical Statistics), University of Bergen.

1986-92: Caretaker at Sandviken psychiatric hospital (security division).

1984-85: Military duty: The navy military police (Bergen/Tromsø).

Basic education:

- 2002: Ph.D. (dr.philos) at Section for Medical Statistics, Medical Faculty, University of Bergen, with the thesis: "Survival studies of total hip replacements and postoperative mortality". Main supervisor: Professor Stein Emil Vollset
- 1992: MSc. (cand.scient.) at the Department of Mathematical (Section for statistics) University of Bergen. "Ikkeparametriske metoder i survival analyses (Anvendt på data fra brystkreftpasienter)". [Nonparametric methods in survival analyses (applied on breast cancer patients)] Supervisor: Associate professor Trygve Nilsen
- 1990: Bachelor (Cand.mag.) with mathematics and informatics (plus physics and geophysics).
- 1984: High school (Examen artium, Fana gymnas, Natural science line)

Additional courses:

- 2009-2010: Training program for research leaders. 6 times of 2 days, by Uni Research
- 2009: Multi-state models and models for competing risks Per Kragh Andersen and Hein Putter, Rotterdam, The Netherlands
- 2009: Data and Safety Monitoring and Interim Analysis in Clinical Trials by KyungMann Kim, Bergen, Norway
- 2007: Causal inference by Miguel A. Hernán, Bergen, Norway
- 2003: Multilevel and latent variable modelling using gllamm and STATA by Sophia Rabe-Hesketh, Andrew Pickles, and Anders Skrondal, Uppsala, Sweden
- 2001: "Exact inference for categorical and nonparametric data" by Cyrus R. Mehta, Bergen, Norway
- 2001: "Current topics in epidemiological research" by Per Kragh Andersen, Robin Henderson, Niels Keiding, Jørn Olsen, Kenneth R. Rothman, and Lene Theil Skovgaard, Copenhagen, Denmark
- 1999: "Time series and longitudinal data" arranged by the Norwegian statistical association by Peter Diggle and Dag Tjøstheim, Bergen, Norway
- 1998: "Survival analysis in S-plus" by Terry Therneau, University of Oxford, UK
- 1997: "Specialist course in orthopaedics", Tønsberg, Norway
- 1996: "Counting Processes and Event History Analysis" by Niels Keiding and Per Kragh Andersen, University of Mainz, Germany
- 1995: "Analysis of Survival and Event History Data" by David Cox and Vern Farewell, University of Mainz, Germany
- 1993: "Research course in epidemiology", IKE/SMiS, Bergen, Norway

Lecturing:

- Tutor for exercises in statistics, Department of Mathematical, University of Bergen (1990-92)
- Course in statistics (30 hours) for the internal education at Haukeland Hospital (1993)
- Course in statistics (4 hours) for nurses, Haukeland Hospital (1994)
- Exercises in statistics (2 hours), Medical Statistics for physicians (1994)
- Lectures (8 hours) for Sosialhøgskolen in Trøndelag (1995)
- Lecturer in statistics for master in Physiotherapy (21 hours), University of Bergen (1995)
- Lecturer in statistics (2 hours, plus 3 hours exercises), at SMiS (in English) (1996)

- Lecturer in statistics (4 hours) in Physiological methods (BFY 262), University of Bergen (1996, 98)
- Responsible for the course and lectures in statistics, 3 weeks, 24 hours (12 hours lecturing and 12 hours PC-lab), for master students (Master of philosophy) at the Center for International Health. With final exam (in English) (1997, 98)
- Lecture for the fifth year medical students (Meta-analyses and Cochrane reviews) (1 hour) (2002)
- Group instructor in epidemiology for the fifth year medical students (10 hours) (1998, 99, 02S, 02A, 03, 04S)
- Course in SPSS (t-test, logistic regression, survival analyses) (4-6 hours, plus 3-5 hours exercises) (1998, 99S, 99A, 00, 01S, 01A, 02S, 02A, 03S, 03A, 04S, 04A)
- Lectures for the first year medical students (regression analyses and survival analyses) (4 hours) in medical statistics (2000, 01, 02, 03, 04, 05, 06)
- Lecturer in statistics (survival analyses) (2 hours, plus 1-3 hours exercises), Medical Statistics for physicians (1996, 97, 98, 99, 00, 01, 02, 03, 04)
- Lecturer in statistics (regression analyses and survival analyses) (3 hours, plus 6 hours exercises), Medical Statistics for physicians (2000, 03, 04, 05, 06, 07)
- Lecturer in statistics (estimation and hypotheses testing) (3 hours, plus 3 hours exercises), Medical Statistics for physicians (2003S)
- Lecturer in statistics (cross-tables and analyses of categorical data) (3 hours, plus 3 hours exercises), Medical Statistics for physicians (2004S)
- Lecturer in statistics (18 hours) for staff at the Child in Bergen study (2004S, 04A)
- Lecture for basic research course at the medical faculty (Meta-analyses and Cochrane reviews) (1 hour) (2004A)
- Lecture for basic research course at the medical faculty (Meta-analyses and Cochrane reviews) (1 hour, in English) (2005S, 05A, 06S)
- Lecturer in statistics (survival analyses) (2 hours, plus 1-3 hours exercises, in English), Medical Statistics for physicians, with exercises in STATA (2005S, 05A, 06S)

Censoring work:

- 2011: Introductory statistics NTNU
- 2011: Course in epidemiology at the psychological faculty, University of Bergen.
- 2010: Course in epidemiology at the psychological faculty, University of Bergen.
- 2009: Course in epidemiology at the psychological faculty, University of Bergen.
- 2008: Course in epidemiology at the psychological faculty, University of Bergen.
- 2007: Course in latent variables at the mathematical institute, University of Bergen.
- 2007: Master thesis at the medical faculty, Norwegian University of Science and Technology (NTNU)
- 2006: Master thesis at the mathematical institute, University of Bergen.
- 1995: Exam for the first year medical students, University of Bergen.

Referee work:

Scandinavian Journal of Gastroenterology
 Biometrical Journal
 BMC Musculoskeletal Disorders
 Acta Orthopaedica Scandinavica / Acta Orthopaedica
 Statistics in Medicine

Organization work:

- 2010→: Member of the Research Committee of the Norwegian ExtraFoundation
2007-09: Chair of the Norwegian epidemiological society (NOFE)
2005-09: Member of the board in European Epidemiology Federation of The International Epidemiological Association (IEA-EEF)
2005-07: Treasurer and second leader in the board of the Norwegian epidemiological society (NOFE)
2003-08: Statistical advisor for the European Hip Arthroplasty Register, EARB
2003-05: Member of the board in the Norwegian epidemiological society (NOFE)
2003-05: Member of the research committee at the Department of Public Health and Primary Health Care. University of Bergen
1999-01: Representative for the temporary scientific employed in the IT-strategy-group at the medical faculty. University of Bergen
1998-01: Member of the board (Web-responsible) in the Norwegian epidemiological society (NOFE)
1996-97: Treasurer in Nyborg volleyball club.
1994-96: Member of the board in the Bergen statistical society.

Other professional activities:

- Leader of the organizing committee for the “16th Norwegian conference in Epidemiology” in Bergen, November 11-12, 2008.
- Member of the organizing committee for the “4th Conference of Epidemiological Longitudinal Studies in Europe (CELSE), Bergen November 12-14, 2008.
- Guest editor in *The Norwegian Journal of Epidemiology* 2006; 16 (2)
- Leader of the organizing committee for the “12th Norwegian conference in Epidemiology” in Bergen, November 11-12, 2004. Web and Internet responsible.
- Member of the organizing committee for the “1st Nordic conference in Epidemiology” in Bergen, June 12-15, 2000. Web and internet responsible.
- Organizer and moderator for the section “Mixed models in biostatistical research” at the IBS (International biometric society), Nordic region conference, Copenhagen June 9-11, 1999.

Memberships:

- The Norwegian epidemiological society (NOFE)
- The Norwegian statistical association (NSF)
- International Biometric Society (IBS)
- The International Epidemiological Association (IEA)
- The Norwegian Association of Researchers – NAR (Forskerforbundet)

Production of reports:

- 2010: Sykmelding, gradert sykmelding og forløpet tilbake til jobb. Gjentatte overganger mellom full sykmelding, gradert sykmelding og jobb for 283 296 personer fra 2002 til 2010. Sluttrapport FARVE (Forsøksmidler Arbeid & Velferd)

- 2007: Selvrapportert sykefravær eller registerdata – selvrapporterte opplysninger om arbeids- og sykemeldingsforhold og samsvar med registerdata fra NAV trygd. Sluttrapport FARVE (Forsøksmidler Arbeid & Velferd)
- 1998: Report 1998, Norwegian Arthroplasty Register, Haukeland Hospital. ISSN 0809-0874, ISBN 82-91847-01-0
- 1997: Report Norwegian Arthroplasty Register, Haukeland Hospital. ISSN 0809-0874, ISBN 82-91847-00-2
- 1996: Report 1996, Norwegian Arthroplasty Register, Haukeland Hospital.
- 1995: Annual report 1995, Norwegian Arthroplasty Register, Haukeland Hospital.
- 1994: Annual report 1994, Norwegian Arthroplasty Register, Haukeland Hospital.

Academic supervision of doctoral candidates:

Associate supervisor: Geir Halland PhD (2007), Jan-Erik Gjertsen (2009)

On-going projects: Eva Dybvik (main supervisor), Tarjei Vinje (associate supervisor)

Contributing in: Cecilie Svanes, dr.med. (1995), Michaela Chimpan, dr.odont. (2000), Ove Furnes, dr.med. (2002), Bjørg Tilde Svanes Fevang, dr.med. (2003), Maj-Britt Posserud PhD (2008), Bjarte Stubhaug dr.med (2008), Erik L. Werner dr.med (2008), Yngvar Krukhaug PhD (2008)

Academic supervision of master students:

Main supervisor: Tina Taule, UiB: Sosial ulikhet - En faktor av betydning for håndfunksjon og selvhjulpenhet i daglige aktiviteter hos ryggmargsskadde?

Invited talks:

19. Sykemelding, gradert sykemelding og forløpet tilbake til jobb. Sykefraværprogrammets seminar for stipendiater og forskere, 14.-15. februar 2011
18. Går det egentlig an å måle sykefravær, og går det an å forstå sykefraværdata? Sykefraværskonferansen 13. mai, Bergen Næringsråd. Bergen. Norway
17. Multi-state models for sick-leave data. Seminar/workshop. Karolinska Institutet, Section for Social Insurance. February 5th 2009. Stockholm, Sweden.
16. Multi-state modeller. Seksjon for statistikk og utredning ved NAV Oslo. Desember 2008. Oslo, Norway
15. Metodiske muligheter og utfordringer knyttet til måling av effekt i Raskere Tilbake. Regional Rehabiliteringskonferanse. Oktober 2008, Oslo, Norway
14. Multi-state models. Seminar/course. University of Gothenburg, The Sahlgrenska Academy, Institute of Social Medicine. May 5th 2008. Gothenburg, Sweden.
13. Ulempene ved å kun bruke Cochrane database og meta analyser. Symposium: "From evidence to best practise" ved Norsk Ortopedisk Forenings høstmøte 2007, Oslo, Norway
12. Multi-state models. Forskerskole seminar. Det Nationale Forskningscenter for Arbejdsmiljø. October 23rd 2007. Copenhagen, Denmark.
11. Tidlig postoperative dødelighet etter elektiv leddprotese kirurgi. Biostatistical Modelling in the Medical Sciences (BMMS), Avdeling for biostatistikk og Avdeling for Statistikk, Ferbruary 8th 2007, Oslo, Norway
10. Results of Uncemented Cup Revisions. Nordic-Benelux Hip Revision meeting, November 4th-5th 2005, Maastricht, Nederland

9. The Norwegian Arthroplasty Register – Results and Experiences. Catalan Agency for Health Technology Assessment and Research, April 15th 2005, Barcelona, Spain
8. The Norwegian Arthroplasty Register – Results and Experiences, November 24th 2004, Adelaide, Australia
7. The Norwegian Arthroplasty Register – Results and Experiences. Cemented hip seminar, August 27th 2004, Dublin, Ireland
6. Results of re-revisions in hip replacements. Italian colleagues visiting Department of Orthopaedics, Haukeland University Hospital, May 27th-29th 2004, Bergen, Norway
5. Postoperative deaths after hip and knee replacements. Italian colleagues visiting Department of Orthopaedics, Haukeland University Hospital, May 27th-29th 2004, Bergen, Norway
4. Tidlig postoperativ dødelighet og trombose profylakse. Vestnorsk Ortopedisk Forum, November 15th -16th 2002, Bergen, Norway
3. Mortality after total hip replacement. Lübeck-Woche. University of Bergen, Mai 2001, Bergen, Norway
2. Hofteprotese på begge sider. Er dette en pasient eller to hofter?, Foredrag: Seksjon for medisinsk statistikk, Universitetet i Oslo, Mai 2001, Oslo, Norway
1. Patient mortality after total hip replacement – follow-up of 35938 patients in the Norwegian Arthroplasty Register. The Norwegian American Orthopaedic Society, August 18th – 21st 1999, Bergen, Norway

Sports:

Three times Norwegian champion in indoor volleyball (“The Kings trophy”), four times champion of the Norwegian series, and four times champion of the playoffs for club teams (Ulriken VBC, 1986-90).

49 matches for the Norwegian national team (1987-90), Nordic champion (1988), number two in “Spring cup” (1989, unofficial west-European championships) for national teams. Coaching at several levels.

Articles in scientific journals:

2011

75. Omdal T, Dale J, **Lie SA**, Iversen KB, Flaatten H, Ovrebo K. Time trends in incidence, etiology, and case fatality rate of the first attack of acute pancreatitis. *Scand J Gastroenterol*. 2011
74. Markhus VH, Rasmussen S, **Lie SA**, Irgens LM. Placental abruption and premature rupture of membranes. *Acta Obstet Gynecol Scand*. 2011 Jun 21
73. Krukhaug Y, **Lie SA**, Havelin LI, Furnes O, Hove LM. Results of 189 wrist replacements. *Acta Orthop*. 2011
72. Lehmann TG, Engesæter IO, Laborie LB, Rosendahl K, **Lie SA**, Engesæter LB. In situ fixation of slipped capital femoral epiphysis with Steinmann pins. *Acta Orthop*. 2011
71. Engesæter I.Ø., Lehmann T., Laborie L.B., **Lie S.A.**, Rosendahl K., Engesæter L.B. Total hip replacement in young adults with hip dysplasia. *Acta Orthop*. 2011; 82(2):149-54.

70. Øyen J, Brudvik C, Gjesdal CG, Tell GS, **Lie S.A.**, Hove LM. Osteoporosis as a risk factor for distal radial fractures: a case-control study. *J Bone Joint Surg Am.* 2011; 93(4):348-56.
69. Øyen J, Apalset EM, Gjesdal CG, Brudvik C, **Lie SA**, Hove LM. Vitamin D inadequacy is associated with low-energy distal radius fractures: A case-control study. *Bone.* 2011

2010

68. Wiium N., **Lie S.A.**, Ommundsen Y., and Eriksen H.R. Does Relative Age Effect Exist among Norwegian Professional Soccer Players? *Int.J.of.Applied Sport Sciences.* 2010; 22-2, 66-76
67. Fevang BT, **Lie SA**, Havelin LI, Engesæter LB, Furnes O. Improved results of primary total hip replacement. *Acta Orthop.* 2010;81(6):649-59.
66. Flatebø R.S., Høl P.J., Leknes K.N., Kosler J., **Lie S.A.**, and Gjerdet N.R. Mapping of titanium particles in peri-implant oral mucosa by Laser Ablation Inductively Coupled Plasma Mass Spectrometry and high-resolution optical darkfield microscopy. *J Oral Pathol Med.* 2010
65. Hagen E.M., Odélien K.H., **Lie S.A.**, and Eriksen H.R. Adding a physical exercise programme to brief intervention for low back pain patients did not increase return to work. *Scand J Public Health.* 2010; 3: 731-738
64. Harris A., Marquis P., Eriksen H.R., Grant I., Corbett R., **Lie S.A.**, and Ursin H. Diurnal rhythm in British Antarctic personnel. *Rural Remote Health.* 2010;10(2):1351
63. Hagen E.M., **Lie S.A.**, Rekand T., Gilhus N.E., and Gronning M. Mortality after traumatic spinal cord injury: 50 years of follow-up *J Neurol Neurosurg Psychiatry* 2010; 81: 368-373
62. Gjertsen J.E., Vinje T., Engesæter L.B., **Lie S.A.**, Havelin L.I., Furnes O., and Fevang J.M., MD, PhD Internal Screw Fixation Compared with Bipolar Hemiarthroplasty for Treatment of Displaced Femoral Neck Fractures in Elderly Patients *J Bone Joint Surg Am.* 2010; 92: 619-28
61. **Lie S.A.**, Pratt N., Ryan P., Engesæter L.B., Havelin L.I., Furnes O., and Graves S. Duration of the Increase in Early Postoperative Mortality After Elective Hip and Knee Replacement *J Bone Joint Surg Am.* 2010; 92: 58-63

2009

60. Øyeflaten I., **Lie S.A.**, Ihlebæk C., Brage S., and Eriksen H.R. Comparison of self-reported and register data on sickness absence among Norwegian patients participating in an occupational rehabilitation program. *The Norwegian Journal of Epidemiology* 2009; 19 (2): 161-167
59. **Lie S.A.** Evaluering av tiltak for å redusere sykefravær. *The Norwegian Journal of Epidemiology* 2009; 19 (2): 153-160
58. Bråtveit M., Steinsvåg K., **Lie S.A.**, Moen B.E. Modeling of oil mist and oil vapor concentration in the shale shaker area on offshore drilling installations. *J Occup Environ Hyg.* 2009; 6(11): 679-86

57. Dybvik E., Furnes O., Fosså S.D., Trovik C, **Lie S.A.** Long-term risk of receiving a total hip replacement in cancer patients. *Cancer Epidemiology* 2009; 33(3-4): 235-41
56. Hagen E.M., **Lie S.A.**, Rekand T., Gilhus N.E., Gronning M. Mortality after traumatic spinal cord injury: 50 years of follow-up. *J Neurol Neurosurg Psychiatry*. 2009
55. Posserud M., Lundervold A.J., **Lie S.A.**, Gillberg C. The prevalence of autism spectrum disorders: impact of diagnostic instrument and non-response bias. *Soc Psychiatry Psychiatr Epidemiol*. 2009
54. Bjelland I., **Lie S.A.**, Dahl A.A., Mykletun A., Stordal E., and Kraemer H. A dimensional versus a categorical approach to diagnosis: Anxiety and depression in the HUNT 2 study. *Int. J. Methods Psychiatr. Res.* 2009; 18(2): 128–137
53. Munkvold L., Lundervold A., **Lie S.A.**, Manger T. Should there be separate parent and teacher-based categories of ODD? Evidence from a general population. *J Child Psychol Psychiatry*. 2009; 50(10): 1264-72
52. Fevang B.T., **Lie S.A.**, Havelin L.I., Skredderstuen A., and Furnes O. Results after 562 total elbow replacements: a report from the Norwegian Arthroplasty Register. *J Shoulder Elbow Surg*. 2009; 18(3): 449-56.
51. Fevang B.T., **Lie S.A.**, Havelin L.I., Skredderstuen A., Furnes O. Risk factors for revision after shoulder arthroplasty: 1,825 shoulder arthroplasties from the Norwegian Arthroplasty Register. *Acta Orthop*. 2009; 80(1): 83-91.
50. Gold C., Solli H.P., Krüger V., **Lie S.A.** Dose-response relationship in music therapy for people with serious mental disorders: Systematic review and meta-analysis. *Clin Psychol Rev*. 2009; 29(3): 193-207
49. Granan L.P., Bahr R., **Lie S.A.**, Engebretsen L. Timing of Anterior Cruciate Ligament Reconstructive Surgery and Risk of Cartilage Lesions and Meniscal Tears: A Cohort Study Based on the Norwegian National Knee Ligament Registry. *Am J Sports Med*. 2009; 37(5): 955-61
48. Krukhaug Y, Ugland S, **Lie SA**, Hove LM. External fixation of fractures of the distal radius. *Acta Orthop*. 2009; 80(1): 104-8.

2008

47. Gjertsen J.E., Vinje T., **Lie S.A.**, Engesaeter L.B., Havelin L.I., Furnes O., and Fevang J.M. Patient satisfaction, pain, and quality of life 4 months after displaced femoral neck fractures: a comparison of 663 fractures treated with internal fixation and 906 with bipolar hemiarthroplasty reported to the Norwegian Hip Fracture Register. *Acta Orthop*. 2008; 79(5):594-601.
46. Vamanu C.I., Cimpan M.R., Høl P.J., Sørnes S., **Lie S.A.**, and Gjerdet N.R. Induction of cell death by TiO₂ nanoparticles: Studies on a human monoblastoid cell line. *Toxicol In Vitro*. 2008. 22(7):1689-96
45. Grytten Torkildsen N, **Lie S.A.**, Aarseth J.H., Nyland H., and Myhr K.M. Survival and cause of death in multiple sclerosis: results from a 50-year follow-up in Western Norway. *Mult Scler*. 2008; 14: 1191-1198
44. Engesæter I.Ø., **Lie S.A.**, Lehmann T.G., Furnes O., Vollset S.E., and Engesæter L.B. Neonatal hip instability and risk for total hip replacement in young

adulthood. Follow-up of 2,218,596 newborns from The Medical Birth Registry of Norway in the Norwegian Arthroplasty Register. *Acta Orthopaedica* 2008; 79 (3): 321-326

43. **Lie S.A.**, Eriksen H.R., Ursin H., and Hagen E.M. A multi-state model for sick-leave data applied to a randomized control trial study of low back pain. *Scandinavian Journal of Public Health*, 2008; 36: 279–283
42. Stubhaug B., **Lie S.A.**, Ursin H., and Eriksen H.R. Cognitive–behavioural therapy v. mirtazapine for chronic fatigue and neurasthenia: randomised placebo-controlled trial. *The British J of Psychiatry*. 2008; 192: 217-223
41. Werner E.L., Gross D.P., **Lie S.A.**, Ihlebaek C. Healthcare provider back pain beliefs unaffected by a media campaign. *Scand J Prim Health Care*. 2008; 26(1): 50-6.

2007

40. Hallan G., **Lie S.A.**, Furnes O., Engesaeter L.B., Vollset S.E., and Havelin L.I. Medium- and long-term performance of 11 516 uncemented primary femoral stems from the Norwegian arthroplasty register. *J Bone Joint Surg [Br]* 2007; 89: 1574-80.
39. Gjertsen J.E., **Lie S.A.**, Fevang J.M., Havelin L.I., Engesaeter L.B., Vinje T., and Furnes O. Total hip replacement after femoral neck fractures in elderly patients : Results of 8,577 fractures reported to the Norwegian Arthroplasty Register. *Acta Orthop*. 2007;78(4):491-7.
38. Fevang B.T., **Lie S.A.**, Havelin L.I., Brun J.G., Skredderstuen A., and Furnes O. 257 ankle arthroplasties performed in Norway between 1994 and 2005. *Acta Orthop*. 2007;78(5):575-83.
37. Hysing M., Elgen I., Gillberg C., **Lie S.A.**, and Lundervold A.J. Chronic physical illness and mental health in children. Results from a large-scale population study. *J Child Psychol Psychiatry*. 2007; 48(8):785-92.
36. **Lie S.A.**, Hallan G., Furnes O., Havelin L.I., and Engesæter LB. Isolated acetabular liner exchange compared with complete acetabular component revision in revision of primary uncemented acetabular components: A study of 1649 revisions from the Norwegian Arthroplasty Register. *J Bone Joint Surg [Br]* 2007; 89: 591-594.
35. Fevang B.T., **Lie S.A.**, Havelin L.I., Engesaeter L.B., and Furnes O. Reduction in orthopedic surgery among patients with chronic inflammatory joint disease in Norway, 1994-2004. *Arthritis Rheum*. 2007; 57:529-532
34. Heiervang E., Stormark K.M., Lundervold A.J., Heimann M., Goodman R., Posserud M.B., Ullebo A.K., Plessen K.J., Bjelland I., **Lie S.A.**, Gillberg C. Psychiatric Disorders in Norwegian 8- to 10-Year-Olds: An Epidemiological Survey of Prevalence, Risk Factors, and Service Use. *J Am Acad Child Adolesc Psychiatry*. 2007; 46: 438-447.
33. Furnes O., Espehaug B., **Lie S.A.**, Vollset S.E., Engesæter S.E., and Havelin L.I. Failure Mechanisms After Unicompartmental and Tricompartmental Primary Knee Replacement with Cement. *J. Bone Joint Surg. [Am]* 2007; 89: 519-525

2006

32. Plessen K.J., Grüner R., Lundervold A., Hirsch J., Xu D., Bansal R., Hammar Å., Lundervold A.J., Wentzel-Larsen T., **Lie S.A.**, Peterson B.S., Hugdahl K. Reductions of white matter connectivity in the corpus callosum in children with tourette syndrome. *J of Child Psychology and Psychiatry* 2006 Nov;47(10):1013-22.
31. Wiig O., Terjesen T., Svenningsen S., **Lie S.A.** The epidemiology and etiology of Perthes disease in Norway, A nationwide study of 425 patients. *J Bone Joint Surg [Br]* 2006; 88(9):1217-23.
30. Hallan G., **Lie S.A.**, Havelin L.I. High wear rates and extensive osteolysis in 3 types of uncemented total hip arthroplasty: A review of the PCA, the Harris Galante and the Profile/Tri-Lock Plus arthroplasties with a minimum of 12 years median follow-up in 96 hips. *Acta Orthop.* 2006; 77(4):575-84.
29. Engesæter L.B., Espehaug B., **Lie S.A.**, Furnes O., and Havelin L.I. Does cement increase the risk of infection in primary total hip arthroplasty? Revision rates in 56,275 cemented and uncemented primary THAs followed for 0–16 years in the Norwegian Arthroplasty Register. *Acta Orthop.* 2006; 77(3): 351-358
28. **Lie S.A.** Early mortality after elective hip surgery, Editorial. *Acta Orthop.* 2006; 77(3): 345-6

2005

27. Cimpan M.R., Matre R., Skaug N., **Lie S.A.**, and Lygre H. The coinicator DMABEE induces death by apoptosis and necrosis in human monoblastoid cells *Clin Oral Invest*, 2005; 9: 168-172

2004

26. Alves G., Kurz M., **Lie S.A.**, Larsen J.P. Cigarette smoking in Parkinson`s disease. Influence on disease progression. *Movement disorders*, 2004; 19 (9): 1087-1092
25. **Lie S.A.**, Havelin L.I., Engesæter L.B., Gjessing H.K., and Vollset S.E. Dependency issues in survival analyses of 55 782 primary hip replacements from 47 355 patients. *Statistics in Medicine*, 2004; 23(20), 3227-3240
24. Fevang B-T, Fevang J, **Lie S.A.**, Søreide O, Svanes K, Viste A. Long-term prognosis after operation for adhesive small bowel obstruction Norway from 1961-2002. *Annals of Surgery* 2004; 240(2): 193-201
23. **Lie S.A.**, Furnes O., Havelin L.I., Espehaug B., Engesæter L.B., and Vollset S.E. Det norske leddproteseregisteret. Til beste for pasienter og det norske helsevesen [The Norwegian Arthroplasty Register. Beneficial for patients and the Norwegian health care system] *The Norwegian Journal of Epidemiology* 2004; 14 (1): 57-63
22. **Lie S.A.**, Havelin L.I., Engesæter L.B., Furnes O., and Vollset, S.E. Failure rates for 4762 revision total hip arthroplasties in the Norwegian Arthroplasty Register. *J Bone Joint Surg [Br]* 2004; 86(4): 504-509
21. Herlofsen K, **Lie S.A.**, Årslund D, and Larsen J.P. Mortality and Parkinson`s disease. A community based study. *Neurology*, Mar 2004; 62: 937 - 942.

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