

CURRICULUM VITAE

Name: **Stein Atle Lie** (Born: March '65 in Bergen, Norway)
Academic degree: Ph.D. (dr.philos), MSc. (cand.scient)
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Current position:

- 2015→ Professor (Medical statistics), Department of Clinical Dentistry,
Faculty of Medicine and Dentistry, University of Bergen
2014→ Senior biostatistician, The Norwegian Arthroplasty Register,
Haukeland University Hospital

Working experience:

- 2013-2015: Associate professor (statistician), Department of Clinical Dentistry,
Faculty of Medicine and Dentistry, University of Bergen
2011-2013: Principal Researcher (statistician), deputy research director, Uni Research
Health, Bergen. Leader for the Research Centre for Sick Leave and
Rehabilitation and Stress, Health and Rehabilitation at Uni Health.
2009-2013: Professor II at the Institute for Surgical Sciences, University of Bergen
2009-11 (12 months): Research director at Uni Research 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).

Principal Investigator:

Principal researcher and Research leader for the research group Stress, Health and Rehabilitation (“Stress, helse og rehabilitering”) at Uni Health, with approximately 10 researchers and an annual budget of approximately 7mill NOK (100% externally financed). The research group was rated as “Very good” by the Norwegian Research Council (NFR) in 2011

Initiated the Research Centre for Sick Leave and Rehabilitation («Forskningscenter for sykefravær og rehabilitering»). Collaboration between Uni Health and Uni Rokkansenter

PI for the project “Evaluering av Senter for Jobbmestring” (“At Work and Coping - Effect Study of Workcoping for Patients With Anxiety and Depression (AWaC)”). ClinicalTrials.gov Identifier: NCT01146730

PI for “IMS-treatment and Canalis Carpi Syndrome”. ClinicalTrials.gov Identifier: NCT01102868

«Prediktorer og årsaker i forløpet mellom ytelser fra NAV og jobb» financed from *Forsøksmidler Arbeid og Velferd (FARVE)* fra AV-direktoratet (the Norwegian Labour and Welfare Administration)

«Forløp av sykefravær» financed from *Forsøksmidler Arbeid og Velferd (FARVE)* fra AV-direktoratet (the Norwegian Labour and Welfare Administration)

«Delprosjekt: Tidlig eksponering og risikofaktorer i forløpet aktiv sykemeldt-rehabilitering-attføring-ufør». NSD-18794, A sub-project in the Norwegian research council (NFR) project “187885 - Reasons for sickness leave and disability pension”

Initiating these projects (project leader at time of the application):

«Youth and Working Life: Preventing Early Disability», the Norwegian research council (NFR-227002). A project at Uni Research Health.

«Effekt av arbeidsrettet rehabilitering – en randomisert klinisk studie (RCT)», Partly financed from South-Eastern Norway Regional Health Authority (Helse Sør-Øst)

H-index:

Web of Science: 37

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

Some lecturing:

Course responsibility (Emneansvarlig):

- Course in statistics (30 hours) for the internal education at Haukeland Hospital (1993)
- Statistics (8 hours) for Sosialhøyskolen in Trøndelag (1995)
- Lecturer in statistics for master in Physiotherapy (21 hours), University of Bergen (1995)
- 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)
- Lecturing in basic statistics, Department of Clinical Dentistry, UiB (ODO-STAT1/06) (24 hours, with final examination)
- Lecturing in applied statistics using Stata, Department of Clinical Dentistry, UiB (ODO-STAT2/06) (21 hours, with final examination)
- Workshop in basic and applied statistics using SPSS at University of Science and Technology, Khartoum, Sudan (~25 hours, April-May 2014)

Lecturing:

- Tutor for exercises in statistics, Department of Mathematical, University of Bergen (1990-92)
- 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 (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)
- 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)

Referee work:

Scandinavian Journal of Gastroenterology
 Biometrical Journal
 BMC Musculoskeletal Disorders
 Acta Orthopaedica Scandinavica / Acta Orthopaedica
 Statistics in Medicine
 Scandinavian Journal of Public Health
 Norwegian Journal of Epidemiology
 BMJ Open
 BMC Public Health
 Biometrical Journal, Wiley

Organization work:

2010→: Member of the Research Committee of the Norwegian ExtraFoundation
 2009-13: Medlem i fagrådet for arbeidsrettet rehabilitering
 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:

- 2015: Featured Expert in the NEJM group open forum (medsto.com) discussion of “A Randomized Controlled Trial of Total Knee Replacement.” (Skou et al. NEJM 2015)
- 2012: Second leader of the organizing committee for the “33rd ISCB conference” in Bergen, August 19-23.
- 2008: 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.
- 2006: Guest editor in *The Norwegian Journal of Epidemiology* 2006; 16 (2)
- 2004: Leader of the organizing committee for the “12th Norwegian conference in Epidemiology” in Bergen, November 11-12, Web and Internet responsible.
- 2000: Member of the organizing committee for the “1st Nordic conference in Epidemiology” in Bergen, June 12-15, Web and internet responsible.
- 1999: Organizer and moderator for the section “Mixed models in biostatistical research” at the IBS (International biometric society), Nordic region conference, Copenhagen June 9-11.

Evaluation committees for (academic) positions:

- 2018: Associate Professor/Professor at the Department of Dentistry, University of Bergen (leader of committee)
- 2017: Associate Professor/Professor at the Faculty of Dentistry, University of Oslo (leader of committee)
- 2017: Postdoctoral Fellow, Department of Global Public Health and Primary Care, University of Bergen (leader of committee)
- 2015: Associate Professor at Bergen University College.
- 2015: Statistician (senior engineer), Department of Global Public Health and Primary Care, University of Bergen

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:

- 2013: Liten effekt av gradert sykmelding for raskere retur til arbeid. En kausal analyse av registerdata for varighet av sykefravær, ulike trygdeytelser og retur til jobb. Sluttrapport FARVE (Forsøksmidler Arbeid & Velferd, Arbeids- og Velferdsdirektoratet)
- 2013: Sluttrapport, Effektevaluering av Senter for jobbmestring, Arbeids- og Velferdsdirektoratet
- 2012: Forløp av sykefravær og retur til jobb. Sluttrapport FARVE (Forsøksmidler Arbeid & Velferd, Arbeids- og Velferdsdirektoratet)
- 2012: Studier med støtte. En evaluering på oppdrag av Arbeids- og velferdsdirektoratet
- 2012: Delrapport 3, Effektevaluering av Senter for jobbmestring, Arbeids- og Velferdsdirektoratet
- 2011: Delrapport 2, Effektevaluering av Senter for jobbmestring, Arbeids- og Velferdsdirektoratet
- 2010: Oppdatering av modeller for oljedamp- og oljetåkekonsentrasjon i arbeidsatmosfæren i shakerområdet på boreinstallasjoner Rapport nr. 1, 2010 Arbeids- og miljømedisin, Universitetet i Bergen og Uni helse ISBN 978829123278-2, M. Bråtveit, K. Steinsvåg, S.A. Lie
- 2010: Delrapport 1, Effektevaluering av Senter for jobbmestring, Arbeids- og Velferdsdirektoratet
- 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, Arbeids- og Velferdsdirektoratet)
- 2007: Selvrapportert sykefravær eller registerdata – selvrapporterte opplysninger om arbeids- og sykemeldingsforhold og samsvar med registerdata fra NAV trygd. Sluttrapport FARVE (Forsøksmidler Arbeid & Velferd)
- 2007: Modellering av oljedamp- og oljetåkekonsentrasjon i arbeidsatmosfæren i shakerområdet på boreinstallasjoner, Rapport nr. 3b, 2007, Seksjon for arbeidsmedisin Universitetet i Bergen, ISBN 82-91232-71-7, ISSN 0806-9662, M. Bråtveit, K. Steinsvåg, S.A. Lie, B.E. Moen
- 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:

Main supervisor: Eva Dybvik PhD (2015)

Associate supervisor: Geir Halland PhD (2007), Jan-Erik Gjertsen PhD (2009), Anette Harris PhD (2011), Ingvild Engesæter PhD (2013), Sven Young PhD (2014), Irene Øyeflaten PhD (2016)

- On-going projects: Tarjei Vinje (associate supervisor), Anja Johnsen (associate supervisor), Xin Feng (associate supervisor)
- Contributing in: Cecilie Svanes, dr.med. (1995), Mihaela Cimpan, 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), Lars Petter Granan PhD (2009), Ola Wiig PhD (2009), Ellen Merete Hagen PhD (2010), Jannike Øyen PhD (2011), Trude Gundersen Lehmann PhD (2013), Silje Mæland PhD (2013), Magnus Odéen PhD (2013), Torbjørn Hiis Bergh PhD (2014), Rigmor Siri Flatebø PhD (2015), Karin Goplerud Berge PhD (2016), Hiba Mohamed Hassan Mohamedali PhD (2017), Mohammed Ahmed Yassin PhD (2017), Dagmar Fosså Bunæs PhD (2017), Ferda Gülcan PhD (2017)

Opponent

Marion Haugen (Second opponent, Oslo, Norway, Mai 2011)

Jacob Pedersen (First opponent, Copenhagen, Denmark, December 2014)

Academic supervision of master students:

Main supervisor: Tina Taule (2010), UiB: Sosial ulikhet - En faktor av betydning for håndfunksjon og selvhjulpenhet i daglige aktiviteter hos ryggmargsskadde?

Marianne Frøysa Hansen, Jenny Fariba Abdi-Dezfuli og Aida Becirovic (2015). Probiotika og periodontal helse. Kan inntak av probiotika føre til en endring i bakterieflora i dental biofilm? Prosjektoppgave for det integrerte mastergradsstudiet i odontologi

Censoring work:

- 2017: Master thesis in Science, Norwegian University of Science and Technology (NTNU)
- 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 (approx. 120)

Some invited talks:

24. From ordinary survival analyses to analyses of competing risk, The 23rd Norwegian Conference on Epidemiology Bergen, 2016
23. A causal approach for the analyses of graded sickness absence, Forum for causal inference, Institute of Basic Medical Sciences, University of Oslo, 2014

22. Multi-state models in the analysis of sickness absence data, Bergen Biostatistical Seminar (Bbiss). Thursday June 21st 2012.
21. Multi-state models for sick-leave data. Seminar/workshop. Copenhagen University, Department of Biostatistics. May 10, 2012, Copenhagen, Denmark.
20. Multi-state models in the analysis of sickness absence data. University of Oslo, Department of Biostatistics, February 16, 2012, Oslo, Norway
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. 2010, 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:

2018

139. Berge TLL, Lygre GB, **Lie SA**, Björkman L. Polymer-based dental filling materials placed during pregnancy and risk to the foetus. *BMC Oral Health* (2018) 18:144
138. Lygre GB, Aase H, Haug K, **Lie SA**, Björkman L. Prenatal exposure to dental amalgam and risk of symptoms of attention-deficit and hyperactivity disorder (ADHD). *Community Dentistry and Oral Epidemiology* 2018
137. Reme SE, Monstad K, Fyhn T, Sveinsdottir V, Løvvik C, **Lie SA**, Øverland S. A randomized controlled multicenter trial of individual placement and support for patients with moderate-to-severe mental illness. *Scand J Work Environ Health*. 2018
136. Becirovic A, Abdi-Dezfuli JF, Hansen MF, **Lie SA**, Vasstrand EN, Bolstad AI. The effects of a probiotic milk drink on bacterial composition in the supra- and subgingival biofilm: a pilot study. *Benef Microbes*. 2018 25:1-10
135. Beyer K, **Lie SA**, Kjellevoid M, Dahl L, Brun JG, Bolstad AI. Marine ω -3, vitamin D levels, disease outcome and periodontal status in rheumatoid arthritis outpatients. *Nutrition*. 2018 4;55-56:116-124
134. Mohamed-Ahmed S, Fristad I, **Lie SA**, Suliman S, Mustafa K, Vindenes H, Idris SB. Adipose-derived and bone marrow mesenchymal stem cells: a donor-matched comparison. *Stem Cell Res Ther*. 2018 Jun 19;9(1):168
133. Åstrøm AN, **Lie SA**, Gülcan F. Applying the theory of planned behavior to self-report dental attendance in Norwegian adults through structural equation modelling approach. *BMC Oral Health*. 2018 May
132. Haugland L, Kristensen KD, **Lie SA**, Vandevska-Radunovic V. The effect of biologic factors and adjunctive therapies on orthodontically induced inflammatory root resorption: a systematic review and meta-analysis. *Eur J Orthod*. 2018 Mar 29.
131. Gharaei MA, Xue Y, Mustafa K, **Lie SA**, Fristad I. Human dental pulp stromal cell conditioned medium alters endothelial cell behavior. *Stem Cell Res Ther*. 2018 Mar 21;9(1):69
130. Røslund A, Eikås FE, Leknes KN, Åstrøm AN, **Lie SA**, Bunæs DF. Snusbruk blant 10.-klassinger. *Nor Tannlegeforen Tid*. 2018; 128: 180–6

129. Krukhaug Y, Hallan G, Dybvik E, **Lie SA**, and Furnes ON. A survivorship study of 838 total elbow replacements: a report from the Norwegian Arthroplasty Register 1994-2016. *J Shoulder Elbow Surg.*

2017

128. Åstrøm AN, Ekbäck G, Ordell S, **Lie SA**, Gulcan F. Dental hygienist attendance and its covariates in an ageing Swedish cohort. *Eur J Oral Sci.* 2017
127. Larsen OI, Enersen M, Kristoffersen AK, Wennerberg A, Bunæs DF, **Lie SA**, Leknes KN. Antimicrobial effects of three different treatment modalities on dental implant surfaces. *J Oral Implantol.*
126. Bahador M, Gras Navarro A, Rahman MA, Dominguez-Valentin M, Sarowar S, Ulvestad E, Njølstad G, **Lie SA**, Kristoffersen EK, Bratland E, Chekenya M. Increased infiltration and tolerised antigen-specific CD8+ TEM cells in tumor but not peripheral blood have no impact on survival of HCMV+ glioblastoma patients. *Oncoimmunology.*
125. Gülcan F, Ekbäck G, Ordell S, Klock KS, **Lie SA**, Åstrøm AN. Exploring the association of dental care utilization with oral impacts on daily performances (OIDP) - a prospective study of ageing people in Norway and Sweden. *Acta Odontol Scand*
124. **Lie SA**, Tveito TH, Reme SE, Eriksen HR. IQ and mental health are vital predictors of work drop out and early mortality. Multi-state analyses of Norwegian male conscripts. *PLoS One.* 2017 Jul 6
123. Birungi N, Fadnes LT, Kasangaki A, Nankabirwa V, Okullo I, **Lie SA**, Tumwine JK, Åstrøm AN; PROMISE-EBF study group. Assessing causal effects of early life-course factors on early childhood caries in 5-year-old Ugandan children using directed acyclic graphs (DAGs): A prospective cohort study. *Community Dent Oral Epidemiol.*
122. Harris A, Moe TF, Eriksen HR, Tangen T, **Lie SA**, Tveito TH, Reme SE. Brief intervention, physical exercise and cognitive behavioural group therapy for patients with chronic low back pain (The CINS trial). *Eur J Pain.*
121. Bunaes DF, Mustafa M, Mohamed HG, **Lie SA**, Leknes KN. The effect of smoking on inflammatory and bone remodeling markers in gingival crevicular fluid and subgingival microbiota following periodontal therapy. *J Periodontal Res.*
120. Ruths S, Baste V, Bakken MS, Engesæter LB, **Lie SA**, Haugland S. Municipal resources and patient outcomes through the first year after a hip fracture. *BMC Health Serv Res.*

2016

119. Ali HM, Mustafa M, Nasir EF, **Lie SA**, Hasabalrasol S, Elshazali OH, Ali RW, Skeie MS. Oral-health-related background factors and dental service utilisation among Sudanese children with and without a congenital heart defects. *BMC Oral Health.* 2016
118. Tvedt TH, **Lie SA**, Reikvam H, Rye KP, Lindås R, Gedde-Dahl T, Ahmed AB, Bruserud Ø. Pretransplant Levels of CRP and Interleukin-6 Family Cytokines; Effects on Outcome after Allogeneic Stem Cell Transplantation. *Int J Mol Sci.* 2016

117. Reme SE, Tveito TH, Harris A, **Lie SA**, Grasdal A, Indahl A, Brox JI, Tangen T, Hagen EM, Gismervik S, Ødegård A, Fryland L, Fors EA, Chalder T, and Eriksen HR. Cognitive Interventions and Nutritional Supplements (The CINS Trial): A Randomized Controlled, Multicenter Trial Comparing a Brief Intervention With Additional Cognitive Behavioral Therapy, Seal Oil, and Soy Oil for Sick-Listed Low Back Pain Patients. *Spine* 2016, 41; 20; p1557–1564
116. Bunaes DF, **Lie SA**, Åstrøm AN, Mustafa K, Leknes KN. Site-specific treatment outcome in smokers following 12 months of supportive periodontal therapy. *J Clin Periodontol.* 2016
115. Sveinsdottir V, Tveito TH, Bond GR, Grasdal AL, **Lie SA**, Reme SE. Protocol for the SEED-trial: Supported Employment and preventing Early Disability. *BMC Public Health.* 2016, 15;16:579
114. Dominguez Valentin M, Gras Navarro A, Rahman AM, Kumar S, Retière C, Ulvestad E, Kristensen V, Lund-Johansen M, Lie BA, Enger PØ, Njølstad G, Kristoffersen E, **Lie SA**, Chekenya M. Identification of a natural killer cell receptor allele that prolongs survival of cytomegalovirus-positive glioblastoma patients. *Cancer Res.* 2016
113. Konstantinova V, Ibrahim M, **Lie SA**, Birkeland ES, Neppelberg E, Marthinussen MC, Costea DE, Cimpan MR. Nano-TiO₂ penetration of oral mucosa: in vitro analysis using 3D organotypic human buccal mucosa models. *J Oral Pathol Med*
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