

This description of education, positions held, teaching and research activity was first prepared for the evaluation of the Institute of Community Medicine by the Norwegian Research Council in 2003. It is updated (September, 2025).

Bjarne K. Jacobsen

Born 1956,

Previously:

Professor in community medicine (epidemiology). Full time position

Senior researcher. Part time (20 %) position

Now retired (March, 2025).

Education and degrees

1988: PhD (epidemiology) University of Tromsø

Thesis: *“The use of self-administered questionnaires about food habits. Relationships with risk factors for coronary heart disease and associations between coffee drinking and mortality and cancer incidence”.*

1981: MSc (nutrition) University of Oslo

1979: Nutritionist, University of Oslo

Research positions held

- 2009-2025: Senior researcher (part time), Center of Clinical Documentation and Evaluation, Regional Health Authority of Northern Norway, Tromsø
- 1992-2025: Professor in community medicine (epidemiology) (full time), Department of Community Medicine (ISM), University of Tromsø (during 1995-1996 Head of Department)
- 1996-97, 2011-12 & 2016-17: Visiting professor, Loma Linda University, California, USA.
- 1989-91 : Senior researcher, ISM, University of Tromsø
- 1988 : Associate professor, ISM, University of Tromsø
- 1985-87 : Research fellow, ISM, University of Tromsø
- 1984 : Research assistant, ISM, University of Tromsø
- 1981-83 : Research assistant, University of Bergen

I was during 1995-2007 member of the National Council on Nutrition. The National Council on Nutrition was a body under the Ministry of Health that is responsible for giving advice to the government regarding nutrition and health. The membership enabled me to apply knowledge about nutrition and epidemiology in a public health setting.

Teaching:

I have taught epidemiology for various graduate and post-graduate study programs, mainly at the University of Tromsø and supervised MPH-students and PhD-students. I have been the main supervisor for six students who have defended their doctoral thesis, been co-supervisor for another 8 PhD students who have defended their thesis and have also taken part in supervision of several other PhD-students.

Collaborating partners

During the 40 years that I have been working at the Department of Community Medicine, University of Tromsø, I have worked closely with colleagues at the Department and/or Department of Clinical Medicine, the University of Tromsø. I have also collaborated with scientists at the University of Bergen, Norway. In addition, I was for many years involved in research collaborations with Loma Linda University, Loma Linda, USA, analyzing data from

the well-known Adventist Health Study (see references 2, 4, 36, 56, 75, 82, 85, 90, 94, 109 in the list below).

Research and publications: Overall

I have a total of 201 publications registered in PubMed, the first one in 1983. Several papers have been published in journals with relatively high ranking, like *Circulation*, *Archives of Internal Medicine*, *American Journal of Epidemiology*, *International Journal of Epidemiology*, *Stroke*, *Preventive Medicine*, *Physical Therapy*, *Journal of American Society of Nephrology*, and *American Journal of Psychiatry*. During the 10-year period 2016-2025, I have 58 papers registered in PubMed.

My publications are frequently referred to as reflected in a relatively high H-index (51) computed by the ISI (Web of Knowledge) database.

Research and publications: Topics and impacts during 1998 - 2025

The following gives a summary of the research and publications the last 28 years (1998 - 2025). I have the following comments to this list (the numbers refer to the number on the list of publications below).

My scientific activity since 1998 may be divided into two groups of publications: One group is papers that I have initiated; the other group is papers primarily initiated by other researchers. The former group of papers reflects to some extent my main interests and many of them concern factors for cardiovascular diseases. I have, however, also initiated analysis of risk factors for fractures (1) and cancer (2) and published an invited commentary concerning a topic within cancer epidemiology (12). The paper concerning soy milk consumption and risk of prostate cancer (2) is one of the most frequently cited papers from the Adventist Health Study. It has been cited in more than 270 times and was the background for one of the hypotheses investigated in the Second Adventist Health Study (AHS-2) including more than 90 000 Seventh-Day Adventists in North America. Later studies have not, however, supported this finding.

One possible risk factor for cardiovascular disease is age at menarche and age at natural menopause. We have previously published a large study conducted on the relationships between age at natural menopause and ischemic heart disease with 2767 deaths in 19,731 women (Jacobsen et al. *J Clin Epidemiol* 1997; 50: 475-9) indicating an inverse relationship between age at natural menopause and risk of ischemic heart disease. The inverse relationship was, however, statistically significant in relatively young women (< 70 years old) only. A re-analysis of this cohort was published as letter to the editor in 2000, examining in more detail the risk of ischemic heart disease in women with very late menopause (> 55 years) (11). No relationship was found between age at natural menopause and stroke mortality (38). A similar prospective study from the Adventist Health Study (4) and a cross-sectional study from the 4th Tromsø Health Study (8) also concerns age at menopause as a risk factor for cardiovascular diseases.

Regarding age at natural menopause and total mortality, we found in the Adventist Health Study a relatively weak inverse relationship (4) and another paper, based on the Norwegian cohort of 19,731 women, demonstrating that age at natural menopause is inversely related to total mortality (33). More than 18,000 deaths are included in the analysis. Also relationships between reproductive factors and pancreatic cancer have been studied in this cohort (52).

We have also shown that age at menarche is inversely associated with total mortality (50). This study was probably the first study to investigate this relationship. We have also analyzed the relationships between age at menarche and ischemic heart and stroke mortality (56) as well as parity as risk factor for total, ischemic heart disease and stroke mortality (75). An analysis based on the Tromsø study demonstrated no association between age at menarche and total as well as cardiovascular mortality, however (107). Recently, we have found that relatively high levels of PFAS (per- and polyfluoroalkyl substances) in the blood in adolescent girls may be a risk factor for early menarche (145). We have also conducted a large study of the reproducibility of self-reported age at menarche (93).

Another risk factor for cardiovascular diseases is body mass index. Based on data from the Tromsø Study (3541 men who had their weight (and height) measured 4 times during the 20-year period 1974-1994/95 and 4993 women who had their weight measured 3 times during the 15-year period 1979/80-1994/95), we found that the mean body mass index increases in all examined birth cohort and that cross-sectional analyses may in men give a false impression of the relationship between age and body mass index (19). The longitudinal changes in body mass index, desired body mass index and waist circumference from 1994/95 to 2008 and from 2008 to 2016 in the Tromsø study have also been examined (95-97, 128), as well as the 10-year longitudinal changes in body weight and waist circumference in 10 municipalities in rural northern Norway (108). We have also investigated the relationships between weight change and mortality (59) and investigated to what extent changes in smoking habits may explain the changes in obesity prevalence (129). Recently, we demonstrated that obesity in men and women aged 40-59 was strongly associated with obesity in their offspring when they were at in the same age (151). We have also contributed data from the Tromsø Study to be included in a large overview of change in BMI in many parts of the world (74, 87, 88, 89).

In two publications, we have demonstrated that BMI at age 20 has significant impact on female reproduction (82, 85). We have also investigated another possible predictor for female reproduction, i.e., the intake of isoflavones (90). This was the first publication focusing on this relationship in a non-clinical population.

In a paper (30), we found that adverse changes in cardiovascular risk factors (other than change in weight) increase the risk of diabetes type II. Also this paper takes advantage of design of the Tromsø Health Study where many subjects have attended several (now a maximum of seven) screenings.

Among other recent relevant interesting publications, the analysis of occasional smoking as a risk factor for premature total mortality and for myocardial infarction is worth mentioning (126, 147). Smoking, even occasionally, is dangerous.

Papers 5, 6, 18, 23, 41, 45, 49, 91, 101, 127, 141, 142, 148 (not mentioned below) also focus on risk factors for cardiovascular diseases, including the topic of “healthy obesity” (152).

A major part of my research activity has been based on data from the Tromsø Study. Paper 80 (in the *Int J Epidemiol* series “Cohort Profile”, referred to more than 550 times) describes the general design of this cohort study and reference 81 the Sixth Survey of the Tromsø Study in more detail.

The other part of my scientific activity is analyses conducted together with experienced clinicians where my contributions mainly are epidemiological and statistical know-how, in

addition to active participation in writing the publications. Examples include urinary incontinence in long-term stroke survivors (44), pregnancy outcome after treatment of cervical intraepithelial neoplasia (43), the epidemiology of rheumatoid arthritis (RA) (with dr. Tove Riise (9, 17, 22, 27)) and mortality and cancer incidence in patients with polymyalgia rheumatica (PMR) and temporalis arthritis (TA) (with dr. Geirmund Myklebust (28, 31, 34). These studies indicate that patients with RA, but not patients with PMR, have increased total mortality.

In a study with Drs. Vidje Hansen and Anne Høye concerning the mortality of psychiatric patients (25, 26, 76, 86, 98, 134), we found a substantially increased mortality, also of somatic diseases, among psychiatric patients. I was the co-supervisor for Ina Heiberg, who investigated similar relationships in large, national materials (110-112, 146). I also took part in the investigation of the risk of schizophrenia spectrum disorder or bipolar disorder after a substance-induced psychosis (143). This publication attracted much attention.

I was the supervisor for dr. Kulbir Singh who in 2005 defended his PhD-thesis concerning the epidemiology of abdominal aortic aneurysms (20, 35, 40, 42). We find that the classical risk factors for atherosclerosis also are risk factors for abdominal aortic aneurysms. Smoking is very strong risk factor. In a follow-up of subjects with abdominal aortic aneurysms, we found that women have significantly faster growth of the aortic diameter than men (42). We have also later published several papers concerning the etiology of abdominal aortic aneurysms (57, 58, 60-62). Three of these papers (58, 61, 62) were part of the PhD thesis of dr. Signe H. Forsdahl, who was supervised by me. The central papers of these two PhD projects (20, 58) have frequently been referred to (> 460 and 340 times, respectively). There are also other publications from this research field (37, 83).

Dr. Lone Jørgensen showed in her PhD theses (done under my supervision) that individuals who sustained a stroke had a very high loss of bone mass the first years after the stroke (10, 13, 16, 21), and that women already when they had their first stroke had lower bone mineral density than population controls (18).

The latter finding inspired us to look more closely into the relationships between osteoporosis and cardiovascular risk, and this was the topic for her post-doc.-projects. We find that low bone mineral density and some aspects of atherosclerosis (plaques with high echogenicity) (but not the risk of abdominal aortic aneurysms) is associated (37,39). In accordance with the former finding, we find that echogenic plaques predict non-vertebral fractures (46).

Another topic of interest is predictors for carotid plaques. We have found that in a non-diabetic population, glycated hemoglobin level is strongly related to the prevalence of carotid artery plaques with high echogenicity (41). We also studied the relationship between microalbuminuria and both cardiovascular risk (47, 55) and fracture incidence (48), again presenting evidence suggesting links between atherosclerosis and osteoporosis. Our data also suggest that albuminuria is linked to the incidence of cancer (51), a new finding.

Another related research interest is other risk factors for osteoporosis and fractures. A have taken active part in the PhD-project of Bente Morseth, focusing on physical activity (63, 64, 78) as well as analyses of smoking (65), weight loss (66) and serum osteoprotegerin (OPG) (67,79) as risk factors for fractures. Also trends in physical activity level during a 30-years period (99) and associations with the risk of atrial fibrillations have been analysed (100). A separate set of publications (68, 69) focused on hip fracture epidemiology.

Dr. Jan-Magnus Kvamme studied body mass index and risk of malnutrition in the elderly (aged 65 or above) in relation to morbidity, mental health and quality of life based on data from the Tromsø Study and with a follow-up with regard to cause-specific mortality also including data from the HUNT Study (70-72, 77, 92). His PhD project was conducted under my supervision.

I have been involved in several publications related to that I was co-supervisor for Sweta Tawari (102, 103, 114) and taken part in other projects related to clinical research (104-106, 113).

Similarly, I was a co-supervisor for Nils Abel Aars who investigated the relationships between physical activity and (change in) body composition in high school students (the Fit Future Study) (120, 121, 130).

I have also in recent years co-authored several nutritional epidemiology papers (109, 122-125, 135, 144).

I was a co-supervisor for Marie Lundblad who studied the relationships between the visceral adipose tissue and cardiovascular risk as well as the secular and longitudinal trends in the body composition based on the Tromsø Study (131-133).

I was also the co-supervisor for Frank Olsen who investigated the socioeconomic and geographical variation in three specialist health care services in Norway (136-138).

We have also investigated the geographical variation in timely treatment for STEMI myocardial infarction, and the consequences of this with respect to reduced ventricular ejection fraction (149, 150).

Finally, I have contributed to several papers, mainly based on the SAMINOR population surveys, focusing on the health of the Sami population in Norway. The Sami is an indigenous population which traditionally inhabited the northern part of Norway, Sweden, and Finland as well as Kola Peninsula. I was the co-supervisor for Susanna Siri and Rune Hermansen, both focusing on cardiovascular risk factors within a Sami context (115-119). I am also a co-author of papers concerning mental distress in the SAMINOR population (139, 140) and have analyzed) (as first author) the longitudinal 10-year changes in weight and waist circumference in the Sami population living in 10 rural municipalities in northern Norway (108).

In the period 2007-2010, I contributed book chapters concerning the epidemiology of under – and overweight) in a book (“Kvinner lider – menn dør”) (53) and in a textbook (73). Furthermore, I have taken part in an expert group which have given a comprehensive assessment of fish and other seafood in the Norwegian diet (54).

Publications during 1998-June 2025:

1. Jacobsen BK, Nilssen S, Heuch I, Kvåle G. Reproductive factors and fatal hip fractures: a Norwegian prospective study of 63,000 women. *J Epidemiol Comm Health* 1998; 52: 645-50.

2. Jacobsen BK, Knutsen SF, Fraser GE. Does high soy milk intake reduce prostate cancer incidence? The Adventist Health Study (United States). *Cancer Causes Control* 1998; 9: 553-7.
3. Tell GS, Vollset SE, Lande B, Pedersen JI, Løken EB, Jacobsen BK. Folat og helse-ny kunnskap og nye anbefalinger. *Tidsskr Nor Lægeforening* 1998; 118: 3155-60.
4. Jacobsen BK, Knutsen SF, Fraser GE. Age at natural menopause and total mortality and mortality from ischemic heart disease. The Adventist Health Study. *J Clin Epidemiol* 1999; 52: 303-307.
5. Grimsgaard S, Bønaa KH, Jacobsen BK, Bjerve KS. Plasma saturated and linoleic acids are independently associated with blood pressure. *Hypertension* 1999; 34: 478-83.
6. Joakimsen O, Bønaa KH, Stensland-Bugge E, Jacobsen BK. Age and sex differences in the distribution and ultrasound morphology of carotid atherosclerosis. The Tromsø Study. *Atheroscler Tromb Vasc Biol* 1999; 19: 3007-13.
7. Jacobsen BK, Schirmer H. Brystkreftisiko og andre sykdommer - hvor sterkt bør den framheves? *Tidsskr Nor Lægeforening* 1999; 119: 3625-7.
8. Joakimsen O, Bønaa KH, Stensland-Bugge E, Jacobsen BK. Population-based study of age at menopause and ultrasound assessed carotid atherosclerosis. The Tromsø Study. *J Clin Epidemiol* 2000; 53: 525-530.
9. Riise T, Jacobsen BK, Gran JT. The incidence and prevalence of rheumatoid arthritis in the county of Troms, northern Norway. *J Rheumatol* 2000; 27:1386-9.
10. Jørgensen L, Jacobsen BK, Wilsgaard T, Magnus JH. Walking after stroke - does it matter? Changes in bone mineral density within the first 12 months after stroke. A longitudinal study. *Osteoporosis Int* 2000; 11: 381-387.
11. Jacobsen BK, Heuch I, Kvåle G. On mortality from ischemic heart disease in women with very late menopause. *J Clin Epidemiol* 2000; 53: 435-6.
12. Jacobsen BK, Heuch I. Coffee, K-ras mutations and pancreatic cancer: A heterogeneous aetiology or an artefact? *J Epidemiol Comm Health* 2000; 54: 654-655. Invited editorial
13. Jørgensen L, Crabtree NJ, Reeve J, Jacobsen BK. Ambulatory level and asymmetrical weight bearing after stroke affects bone loss in the upper and lower part of the femoral neck differently: Bone adaptation after decreased mechanical loading. *Bone* 2000; 27: 701-707.
14. Jacobsen BK, Nilsen H. High education is associated with low fat and high fibre, beta-carotene and vitamin C. *Nor J Epidemiol* 2000; 10: 57-62.
15. Sjøgaard AJ, Bø K, Klungeland M, Jacobsen BK. En oversikt over norske studier – hvor mye beveger vi oss i fritiden? *J Norw Medical Assoc* 2000; 120: 3439-46.
16. Jørgensen L, Jacobsen BK. Functional status of the paretic arm affects the loss of bone mineral in the proximal humerus after stroke: a 1-year prospective study. *Calcif Tissue Int* 2001; 68: 11-15.
17. Riise T, Jacobsen BK, Gran JT, Haga HJ, Arnesen E. Total mortality is increased in rheumatoid arthritis. A 17-year prospective study. *Clin Rheumatol* 2001;20:123-7.
18. Jørgensen L, Engstad T, Jacobsen BK. Bone mineral density in acute stroke patients. Low bone mineral density may predict first stroke in women. *Stroke* 2001; 32: 47-51.
19. Jacobsen BK, Njølstad I, Thune I, Wilsgaard T, Løchen ML, Schirmer H. Increase in weight in all birth cohorts in a general population. The Tromsø study, 1974-1995. *Arch Intern Med* 2001; 161: 466-472.
20. Singh K, Bønaa KH, Jacobsen BK, Bjørk L, Solberg S. Prevalence of and risk factors for abdominal aortic aneurysms in a population-based study. The Tromsø Study. *Am J Epidemiol* 2001; 154: 236-44.

21. Jørgensen L, Jacobsen BK. Changes in muscle mass, fat mass and bone mineral contents of the legs after stroke. A 1 year prospective study. *Bone* 2001; 28: 655-59.
22. Riise T, Jacobsen BK, Gran JT. Changes in therapy of rheumatoid arthritis during period 1979 to 1996. *Scand J Rheumatol* 2001; 30:199-202.
23. Wilsgaard T, Jacobsen BK, Schirmer H, Thune I, Løchen ML, Njølstad I, Arnesen E. Tracking of cardiovascular risk factors. The Tromsø Study, 1979-1995. *Am J Epidemiol* 2001; 154; 418-26.
24. Melsom T, Brinch L, Hessen JO, Schei MA, Jacobsen BK, Kolstrup N, Svanes C, Pandey MR. Asthma and indoor environment in Nepal. *Thorax* 2001;56:477-81.
25. Hansen V, Jacobsen BK, Arnesen E. Prevalence of serious psychiatric morbidity in attenders and non-attenders to a health survey of a general population. The Tromsø Health Study. *Am J Epidemiol* 2001; 154: 891-4.
26. Hansen V, Jacobsen BK, Arnesen E. Cause-specific mortality in psychiatric patients after deinstitutionalisation. *Br J Psychiatr* 2001; 179: 438-43.
27. Riise T, Jacobsen BK, Gran JT. High mortality in patients with rheumatoid arthritis and atlantoaxial subluxation. *J Rheumatol* 2001; 28: 2425-9.
28. Gran JT, Myklebust G, Wilsgaard T, Jacobsen BK. Survival in polymyalgia rheumatica and temporalis arteritis: a study of 398 cases and matched population controls. *Rheumatology* 2001; 40: 1238-42.
29. Jørgensen L, Engstad T, Jacobsen BK. Higher incidence of falls in long-term stroke survivors than in population controls. Depressive symptoms predict falls after stroke. *Stroke* 2002; 33: 542-7.
30. Jacobsen BK, Bønaa KH, Njølstad I. Cardiovascular risk factors, change in risk factors over 7 years, and the risk of clinical diabetes mellitus type 2. The Tromsø Study. *J Clin Epidemiol* 2002; 55: 647-53.
31. Myklebust G, Wilsgaard T, Jacobsen BK, Gran JT. No increased frequency of malignant neoplasms in polymyalgia rheumatica and temporal arteritis. A prospective longitudinal study of 398 cases and matched population controls. *J Rheumatol* 2002; 29: 2143-7.
32. Risberg T, Jacobsen BK. The association between mental distress and the use of alternative medicine among cancer patients in North Norway. *Quality Life Research* 2003; 12: 539-44.
33. Jacobsen BK, Heuch I, Kvåle G. Age at natural menopause and all-cause mortality. A 37-year follow-up of 19,731 Norwegian women. *Am J Epidemiol* 2003; 157: 923-29.
34. Myklebust G, Wilsgaard T, Jacobsen BK, Gran JT. Causes of death in polymyalgia rheumatica: A prospective longitudinal study of 315 cases and matched population controls. *Scand J Rheumatol* 2003; 32: 38-41.
35. Singh K, Jacobsen BK, Solberg S, Bønaa KH, Kumar S, Bajic R, Arnesen E. Intra- and interobserver variability in the measurements of abdominal aortic and common iliac artery diameter with computed tomography. The Tromsø Study. *Eur J Vasc Endovasc Surg* 2003; 25: 399-407.
36. Heuch I, Jacobsen BK, Fraser GE. A cohort study found that earlier and longer Seventh-Day Adventist church membership was associated with reduced male mortality. *J Clin Epidemiol* 2005; 58; 83-91.
37. Jørgensen L, Singh K, Berntsen GKR, Jacobsen BK. A population-based study of the prevalence of abdominal aortic aneurysms in relation to bone mineral density. The Tromsø study. *Am J Epidemiol* 2004; 159; 945-9.
38. Jacobsen BK, Heuch I, Kvåle G. Age at natural menopause and stroke mortality. Cohort study with 3561 stroke deaths during 37-years follow-up. *Stroke* 2004; 35: 1548-51.

39. Jørgensen L, Joakimsen O, Heuch I, Berntsen GR, Jacobsen BK. Low bone mineral density is related to echogenic carotid artery plaques: a population-based study. *Am J Epidemiol* 2004; 160:549-56.
40. Singh K, Jacobsen BK, Solberg S, Kumar S, Arnesen E. The difference between ultrasound and computed tomography (CT) measurements of aortic diameter increases with aortic diameter: analysis of axial images of abdominal aortic and common iliac artery diameter in normal and aneurysmal aortas. The Tromsø Study, 1994-1995. *Eur J Vasc Endovasc Surg* 2004; 28:158-67.
41. Jørgensen L, Joakimsen O, Heuch I, Jenssen T, Engebretsen OC, Jacobsen BK. Glycated hemoglobin level is strongly related to the prevalence of carotid artery plaques with high echogenicity in nondiabetic individuals: the Tromsø study. *Circulation* 2004; 110: 466-70.
42. Solberg S, Kulbir K, Wilsgaard T, Jacobsen BK. Increased growth rate of abdominal aortic aneurysms in women. The Tromsø study. *Eur J Vasc Endovasc Surg* 2005; 29: 145-9.
43. Acharya G, Kjeldberg I, Hansen SM, Sørheim N, Jacobsen BK, Maltau JM. Pregnancy outcome after loop excision of the cervical transformation zone for the management of cervical intraepithelial neoplasia. *Arch Gynecol Obstetrics* 2005; 272: 109-12.
44. Jørgensen L, Engstad T, Jacobsen BK. Self-reported urinary incontinence in non-institutionalized long-term stroke survivors: A population-based study. *Arch Phys Med Rehab* 2005; 86: 416-20
45. Wilsgaard T, Jacobsen BK, Arnesen E. Determining lifestyle correlates of body mass index using multilevel analyses: The Tromsø Study, 1979-2001 *Am J Epidemiol* 2005; 162: 1179-88.
46. Jørgensen L, Joakimsen O, Mathiesen EB, Ahmed L, Berntsen GKR, Fønnebø V, Joakimsen R, Njølstad I, Schirmer H, Jacobsen BK. Carotid plaque echogenicity and risk of nonvertebral fractures in women: A longitudinal population-based study. *Calcified Tissue Int* 2006; 79: 207-13.
47. Jørgensen L, Jenssen T, Johnsen SH, Mathiesen EB, Heuch I, Joakimsen O, Fosse E, Jacobsen BK. Albuminuria as risk factor for the initiation and progression of carotid atherosclerosis. The Tromsø Study. *Eur Heart J* 2007; 28: 363-9.
48. Jørgensen L, Jenssen T, Ahmed L, Bjørnerem Å, Joakimsen R, Jacobsen BK. Albuminuria and risk of nonvertebral fractures. *Arch Intern Med* 2007; 167: 1379-85.
49. Wilsgaard T, Jacobsen BK. Lifestyle factors and incident metabolic syndrome. The Tromsø Study 1979 - 2001. *Diabetes Res Clin Pract* 2007; 78: 217-24
50. Jacobsen BK, Heuch I, Kvåle G. Association of low age at menarche with increased all-cause mortality: A 37-year follow-up of 61,319 Norwegian women. *Am J Epidemiol* 2007; 166: 1431-37.
51. Jørgensen L, Heuch I, Jenssen T, Jacobsen BK. Association of albuminuria and cancer incidence. *J Am Soc Nephrol* 2008; 19: 992-8.
52. Heuch I, Jacobsen BK, Albrektsen G, Kvåle G. Reproductive factors and risk of pancreatic cancer: a Norwegian cohort study. *Br J Cancer* 2008; 98:189-93.
53. Jacobsen BK. Undervekt og overvekt. Is fat a feminine (t)issue? In: Schei B & Bakketeig L (Eds). *Kvinner lider – menn dør*. Oslo: Gyldendal Akademisk, 2007.
54. Alexander J, Frøyland L, Hemre GI, Jacobsen BK, Lund E, Meltzer HM, Skåre JU. A comprehensive assessment of fish and other seafood in the Norwegian diet. Oslo: Norwegian Scientific Committee for Food Safety 2007.

55. Jørgensen L, Jenssen T, Heuch I, Jacobsen BK. The combined effect of albuminuria and inflammation on all-cause and cardiovascular mortality in nondiabetic persons. *J Intern Med* 2008; 264:493-501.
56. Jacobsen BK, Oda K, Knutsen SF, Fraser GE. Age at menarche, total mortality, and mortality from ischemic heart disease and stroke: The Adventist Health Study, 1976-1988. *Int J Epidemiol* 2009; 38: 245-52.
57. Johnsen SH, Joakimsen O, Singh K, Stensland E, Forsdahl SH, Jacobsen BK. Relation of common carotid artery lumen diameter to general arterial dilating diathesis and abdominal aortic aneurysms. The Tromsø Study. *Am J Epidemiol* 2009; 169:330-8.
58. Forsdahl SH, Singh K, Solberg S, Jacobsen BK. Risk factors for abdominal aortic aneurysms. A 7-year prospective study. The Tromsø Study, 1994-2001. *Circulation* 2009; 119: 2202-8
59. Wilsgaard T, Jacobsen BK, Mathiesen EB, Njølstad I. Weight loss is related to mortality in men but not in women. The Tromsø Study 1979 – 1995. *Gender Medicine* 2009; 6: 575-86
60. Johnsen SH, Forsdahl SH, Singh K, Jacobsen BK. Atherosclerosis in abdominal aortic aneurysms: A causal event or a process running in parallel? The Tromsø Study. *Arterioscler Thromb Vasc Biol* 2010; 30: 1263-8.
61. Solberg S, Forsdahl SH, Singh K, Jacobsen BK. Diameter of the infrarenal aorta as a risk factor for abdominal aortic aneurysm. The Tromsø Study, 1994-2001. *Eur J Vasc Endovasc Surg* 2010; 39: 280-4.
62. Forsdahl SH, Singh K, Solberg S, Jacobsen BK. Abdominal aortic aneurysms or relatively large diameter of non-aneurysmal aortas increase total and cardiovascular mortality: The Tromsø study. *Int J Epidemiol* 2010; 39: 225-32.
63. Morseth B, Emaus N, Wilsgaard T, Jacobsen BK, Jørgensen L. Leisure time physical activity in adulthood is positively associated with bone mineral density 22 years later. The Tromsø study. *Eur J Epidemiol* 2010; 25: 325-331.
64. Morseth B, Jørgensen L, Emaus N, Jacobsen BK, Wilsgaard T. Tracking of leisure time physical activity over 28 years in adults. The Tromsø Study. *Med Sci Sports Exerc* 2011; 43: 1229-34.
65. Jørgensen L, Joakimsen R, Ahmed L, Størmer J, Jacobsen BK. Smoking is a strong risk factor for non-vertebral fractures in women with diabetes. The Tromsø Study. *Osteoporos Int* 2011; 22: 1247-53.
66. Wilsgaard T, Jacobsen BK, Ahmed LA, Joakimsen RM, Størmer J, Jørgensen L. BMI change is associated with fracture incidence, but only in non-smokers. The Tromsø Study *Osteoporos Int* 2011; 22:1237-45.
67. Jørgensen L, Hansen JB, Brox J, Mathiesen E, Vik A, Jacobsen BK. Serum osteoprotegerin levels are related to height loss. The Tromsø Study. *Eur J Epidemiol* 2011; 26:305-12.
68. Emaus N, Olsen LR, Ahmed LA, Balteskard L, Heiberg I, Jacobsen BK, Magnus T, Ytterstad B. Hip fractures in a city in Northern Norway over 15 years: time trends, seasonal variation and mortality. The Harstad Injury Prevention Study. *Osteoporosis Int* 2011; 22: 2603-10
69. Emaus N, Heiberg I, Ahmed LA, Balteskard L, Jacobsen BK, Magnus, Olsen LR, Ytterstad B. Methodological challenges in hip fracture registration. The Harstad Injury Registry. *Int J Injury Control Safety Promotion* 2011; 18: 135-42.
70. Kvamme JM, Wilsgaard T, Florholmen J, Jacobsen BK. Body mass index and disease burden in elderly men and women: the Tromsø Study. *Eur J Epidemiol* 2010 25:183-93.

71. Kvamme JM, Olsen JA, Florholmen J, Jacobsen BK. Risk of malnutrition and Health Related Quality of Life in community living elderly men and women. The Tromsø Study. *Quality Life Res* 2010 2011;20:575-82
72. Kvamme JM, Holmen J, Wilsgaard T, Florholmen J, Midthjell K, Jacobsen BK. Body mass index and mortality in elderly men and women. The Tromsø and HUNT studies. *J Epidemiol Comm Health* 2012; 66: 611-7.
73. Jacobsen BK. Epidemiologi. In: Monica Martinussen (Ed): Kvantitativ forskningsmetodologi i samfunns- og helsefag. Oslo, Fagbokforlaget, 2010
74. Finucane, Stevens GA, Cowan MJ, et al; Global Burden of metabolic risk factors of chronic diseases collaborating group (Body Mass Index). National, regional, and global trends in body-mass index since 1980: systematic analysis of health examination surveys and epidemiological studies with 960 country-years and 9.1 million participants. *Lancet*. 2011;377:557-67
75. Jacobsen BK, Oda K, Knutsen SF, Fraser GE. Parity and total, ischemic heart disease and stroke mortality. The Adventist Health Study, 1976-1988. *Eur J Epidemiol* 2011;26: 711-8.
76. Høye A, Jacobsen BK, Hansen V. Increasing mortality in schizophrenia: Are women at particular risk? A follow-up of 1111 patients admitted during 1980-2006 in Northern Norway. *Schizophr Res* 2011; 132:228-32.
77. Kvamme JM, Grønli O, Florholmen J, Jacobsen BK. Risk of malnutrition is associated with mental health symptoms in community living elderly men and women. The Tromsø Study. *BMC Psychiatry* 2011;11:112.
78. Morseth B, Ahmed LA, Bjørnerem Å, Emaus N, Jacobsen BK, Joakimsen R, Størmer J, Wilsgaard T, Jørgensen L. Leisure time physical activity and risk of non-vertebral fracture in men and women aged 55 years and older: The Tromsø Study. *Eur J Epidemiol* 2012; 27: 463-71.
79. Jørgensen L, Hansen JB, Ahmed LA, Bjørnerem Å, Emaus N, Joakimsen R, Mathiesen E, Størmer J, Vik A, Jacobsen BK. Osteoprotegerin is associated with hip fracture incidence. The Tromsø Study. *Int J Epidemiol* 2012; 41: 1033-9.
80. Jacobsen BK, Eggen AE, Mathiesen EB, Wilsgaard T, Njølstad I. Cohort profile: The Tromsø Study. *Int J Epidemiol* 2012; 41: 961-7.
81. Eggen AE, Mathiesen EB, Wilsgaard T, Jacobsen BK, Njølstad I. The sixth survey of the Tromsø Study (Tromsø 6) in 2007-08: Collaborative research in the interface between clinical medicine and epidemiology: Study objectives, design, data collection procedures, and attendance in a multipurpose population-based health survey. *Scand J Public Health* 2013; 41: 65-80.
82. Jacobsen BK, Knutsen SF, Oda K, Fraser GE. Obesity at age 20 and the risk of miscarriages, irregular periods and reported problems of becoming pregnant. The Adventist Health Study-2. *Eur J Epidemiol* 2012; 27: 923-31.
83. Johnsen SH, Forsdahl SH, Solberg S, Singh K, Jacobsen BK. Carotid atherosclerosis and relation to growth of infrarenal aortic diameter and follow-up diameter. The Tromsø Study. *Eur J Vasc Endovasc Surg* 2013; 45: 135-40.
84. Iversen B, Jacobsen BK, Løchen ML. Active and passive smoking and the risk of myocardial infarction in 24,968 men and women during 11 year of follow-up. The Tromsø Study. *Eur J Epidemiol* 2013; 28: 659-67.
85. Jacobsen BK, Knutsen SF, Oda K, Fraser GE. Body mass index at age 20 and subsequent childbearing: The Adventist Health Study-2. *J Women's Health* 2013;22:460-6.

86. Høye A, Jacobsen BK, Hansen V. Sex differences in mortality of admitted patients with personality disorders in North Norway - a prospective register study. *BMC Psychiatry* 2013; 26;13:317.
87. Danaei G, Singh GM, Paciorek CJ, Lin JK, Cowan MJ, Finucane MM, Farzadfar F, Stevens GA, Riley LM, Lu Y, Rao M, Ezzati M; Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group. The global cardiovascular risk transition: associations of four metabolic risk factors with national income, urbanization, and Western diet in 1980 and 2008. *Circulation*. 2013; 127:1493-502.
88. Stevens GA, Singh GM, Lu Y, Danaei G, Lin JK, Finucane MM, Bahalim AN, McIntire RK, Gutierrez HR, Cowan M, Paciorek CJ, Farzadfar F, Riley L, Ezzati M; Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group (Body Mass Index). National, regional, and global trends in adult overweight and obesity prevalences. *Popul Health Metr*. 2012; 10: 22.
89. The Global Burden of Metabolic Risk Factors for Chronic Diseases Collaboration. Cardiovascular disease, chronic kidney disease, and diabetes mortality burden of cardiometabolic risk factors from 1980 to 2010: a comparative risk assessment. *Lancet Diabetes Endocrinol* 2014;2:634-47.
90. Jacobsen BK, Jaceldo-Siegl K, Knutsen SF, Fan J, Oda K, Fraser GE. Soy isoflavone intake and the likelihood of ever becoming a mother. *The Adventist Health Study-2. Int J Women's Health* 2014; 6: 377-84.
91. Eggen AE, Mathiesen EB, Njølstad I, Jacobsen BK, Wilsgaard T. Trends in cardiovascular risk factors across levels of education in a general population: Is the educational gap increasing? *The Tromsø Study 1994-2008. J Epidemiol Comm Health* 2014;68:712-9.
92. Kvamme JM, Grønli O, Jacobsen BK, Florholmen J. Risk of malnutrition and zinc deficiency in community-living elderly men and women: the Tromsø Study. *Public Health Nutr*. 2015; 18: 1907-13
93. Lundblad MW, Jacobsen BK. The reproducibility of self-reported age at menarche. *The Tromsø Study. BMC Women's Health* 2017; 17:62.
94. Tantamango-Bartley Y, Knutsen SF, Knutsen R, Jacobsen BK, Fan J, Beeson L, Sabate J, Hadley D, Jaceldo-Siegl K, Penniecook J, Herring P, Butler T, Bennett H, Fraser G. Are strict vegetarians protected against prostate cancer? *Am J Clin Nutr* 2016;103:153-60.
95. Jacobsen BK, Aars NA. Changes in body mass index and the prevalence of obesity during 1994-2008- repeated cross-sectional surveys and longitudinal analyses: The Tromsø Study. *BMJ Open* 2015;5:e007859
96. Aars NA, Jacobsen BK. Longitudinal changes in desired body weight compared to changes in body weight: evidence of adaptation to weight gain? *BMC Obesity* 2016; 3:40
97. Jacobsen BK, Aars NA. Changes in waist circumference and the prevalence of abdominal obesity during 1994-2008 – cross-sectional and longitudinal results from two surveys: the Tromsø Study. *BMC Obesity* 2016; 3; 41
98. Høye A, Nesvåg R, Reichborn-Kjennerud T, Jacobsen BK. Sex differences in mortality among patients admitted with affective disorders in North Norway - a 33-year prospective register study. *Bipolar Disorders* 2016; 18: 272-81.
99. Morseth B, Jacobsen BK, Emaus N, Wilsgaard T, Jørgensen L. Secular trends and correlates of physical activity: The Tromsø Study 1979-2008. *BMC Public Health* 2016; 16:1215.

100. Morseth B, Graff-Iversen S, Jacobsen BK, Jørgensen L, Nyrnes A, Thelle DS, Vestergaard P, Løchen ML. Physical activity, resting heart rate, and atrial fibrillation: The Tromsø Study. *Eur Heart J* 2016; 37: 2307-13.
101. Hopstock LA, Bønaa KH, Eggen AE, Grimsgaard S, Jacobsen BK, Løchen ML, Mathiesen EB, Njølstad I, Wilsgaard T. Longitudinal and secular trends in blood pressure among women and men in birth cohorts born between 1905 and 1977: The Tromsø Study 1979-2008. *Hypertension* 2015; 66: 496-501.
102. Tiwari S, Schirmer H, Jacobsen BK, Hopstock LA, Nyrnes A, Heggelund G, Njølstad I, Mathiesen EB, Løchen ML. Association between diastolic dysfunction and future atrial fibrillation in the Tromsø Study from 1994-2010. *Heart* 2015;101:1302-8
103. Tiwari S, Løchen ML, Jacobsen BK, Hopstock LA, Nyrnes A, Njølstad I, Mathiesen EB, Schirmer H. CHA2DS2-VASc score, left atrial size and atrial fibrillation as stroke risk factors in the Tromsø Study. *Open Heart* 2016; 3: e000439
104. Olsen F, Uleberg B, Jacobsen BK, Balteskard L. Norske pasienter med tykktarmskreft kommer for sent i gang med tilleggsbehandling. *Tidsskr Nor Legeforen*, 2016; 136: 27-31.
105. Aahlin EK, Olsen F, Uleberg B, Jacobsen BK, Lassen K. Major postoperative complications are associated with impaired long-term survival after gastro-esophageal and pancreatic cancer surgery: a complete national cohort study. *BMC Surgery* 2016; 16:3
106. Øberg GK, Jacobsen BK, Jørgensen L. Predictive value of General Movement Assessment for Cerebral Palsy in routine clinical practice. *Phys Ther* 2015; 95: 1489-95.
107. Lundblad MW, Jacobsen BK. Is age at menarche associated with total mortality? The Tromsø Study. *Int J Women's Health* 2018;10; 203-9.
108. Jacobsen BK, Melhus M, Kvaløy K, Siri SRA, Michalsen VL, Broderstad AR. A descriptive study of ten-year longitudinal changes in weight and waist circumference in the multi-ethnic rural Northern Norway. The SAMINOR Study, 2003-2014. *PLoS One* 2020;15:e0229234.
109. Fraser GE, Jacobsen BK, Knutsen SF, Mashchak A, Lloren JI. Tomato consumption and intake of lycopene as predictors of the incidence of prostate cancer. The Adventist Health Study-2. *Cancer Causes & Control* 2020;31:341-351
110. Heiberg I, Jacobsen BK, Nesvåg R, Bramness J, Reichborn-Kjennerud T, Næss Ø, Ystrøm E, Hultman C, Høy A. Total and cause-specific standardized mortality ratios in patients with schizophrenia and substance use disorder. *PLoS One* 2018; 13: e0202028.
111. Heiberg I, Jacobsen BK, Balteskard L, Bramness JG, Næss Ø, Ystrøm E, Reichborn-Kjennerud T, Hultman CM, Nesvåg R, Høy A. Undiagnosed cardiovascular disease prior to cardiovascular death in individuals with severe mental illness. *Acta Psychiatr Scand*. 2019; 139: 558–571.
112. Heiberg I, Nesvåg R, Balteskard L, Bramness JG, Hultman CM, Næss Ø, Reichborn-Kjennerud T, Ystrøm E, Jacobsen BK, Høy A. Diagnostic tests and treatment procedures performed prior to cardiovascular death in individuals with severe mental illness. *Acta Psychiatr Scand* 2020; 141:439-451.
113. Øberg GK, Girolami GL, Campbell SK, Ustad T, Heuch I, Jacobsen BK, Kaaresen Pi, Aulie VS, Jørgensen L. Effects of a parent-administered exercise program in the Neonatal intensive care unit: Dose does matter-a randomized controlled trial. *Phys Ther* 2020. 100; 860-869.

114. Tiwari S, Løchen ML, Jacobsen BK, Hopstock LA, Nyrnes A, Njølstad I, Mathiesen EB, Arntzen KA, Ball J, Stewart S, Wilsgaard T, Schirmer H. Atrial fibrillation is associated with cognitive decline in stroke-free subjects: The Tromsø Study. *Eur J Neur*, 2017; 24:1485-1492
115. Hermansen R, Broderstad AR, Jacobsen BK, Mähönen M, Wilsgaard T, Morseth B. The impact of changes in leisure time physical activity on changes in cardiovascular risk factors: results from The Finnmark 3 Study and SAMINOR 1, 1987-2003. *Int J Circumpolar Health* 2018; 77:1459145
116. Siri SRA, Braaten T, Jacobsen BK, Melhus M, Eliassen BM. Distribution of risk factors for cardiovascular disease and the estimated 10-year risk of acute myocardial infarction or cerebral stroke in Sami and non-Sami populations: The SAMINOR 2 Clinical Survey. *Scand J Public Health* 2018;46:638-646.
117. Hermansen R, Jacobsen BK, Løchen ML, Morseth B. Leisure time and occupational physical activity, resting heart rate, and mortality in the Arctic region of Norway. The Finnmark Study. *Eur J Prev Cardiol*. 2019;26:1636-1644.
118. Siri SRA, Jacobsen BK, Melhus M, Broderstad AR, Eliassen BM, Michaelsen VL, Braaten T. Changes in conventional cardiovascular risk factors and the estimated 10-year risk of acute myocardial infarction or cerebral stroke in Sami and non-Sami populations in two population-based cross sectional surveys — the SAMINOR Study. *BMJ Open* 2019; 9:e028939.
119. Siri SRA, Eliassen BM, Broderstad AR, Melhus M, Michaelsen VL, Jacobsen BK, Luke J. Burchille LJ, Braaten T. Coronary heart disease and stroke in the Sami and non-Sami populations in rural Northern and Mid Norway—the SAMINOR Stud. *Open Heart* 2020; 7:e00121
120. Aars NA, Jacobsen BK, Furberg AS, Grimsgaard S. Self-reported physical activity during leisure time was favourably associated with body composition in Norwegian adolescents. *Acta Paediatr*. 2019; 108: 1122–1127.
121. Aars NA, Jacobsen BK, Morseth B, Emaus N, Grimsgaard S. Longitudinal changes in body composition and waist circumference by self-reported levels of physical activity in leisure among adolescents: The Tromsø Study, Fit Futures. *BMC Sports Science, Med Rehab* 2019; 11:37
122. Lundblad MW, Andersen LF, Jacobsen BK, Hauger Carlsen M, Hjartåker A, Grimsgaard S, Hopstock LA. Energy and nutrient intakes in relation to National Nutrition Recommendations in a Norwegian population-based sample: the Tromsø Study 2015-16. *Food & Nutrition Research* 2019, 63: 3616
123. Jensen TME, Braaten T, Jacobsen BK, Barnung RB, Olsen A, Skeie G. Adherence to the Healthy Nordic Food Index in the Norwegian Women and Cancer (NOWAC) study. *Food & Nutrition Research* 2018; 62
See also: Corrigendum. *Food Nutr Res*. 2024;68. doi: 10.29219/fnr.v68.10708.
124. Isaksen T, Evensen LH, Johnsen SH, Jacobsen BK, Hindberg K, Brækkan SK, Hansen JB. Dietary intake of marine n-3 polyunsaturated fatty acids and future risk of venous thromboembolism. *Res Pract Thromb Haemost*.2018; 3: 59-69.
125. Johnsen SH, Jacobsen BK, Brækkan SK, Hansen JB, Mathiesen EB. Fish consumption, fish oil supplements and risk of atherosclerosis in the Tromsø Study. *Nutrition Journal* 2018; 17: 56.
126. Løchen ML, Gram IT, Mannsverk J, Mathiesen EB, Njølstad I, Schirmer H, Wilsgaard T, Jacobsen BK. Association of occasional smoking with total mortality in the population-based Tromsø study, 2001-2015 *BMJ Open* 2017;7:e019107

127. Hopstock LA, Bønaa KH, Eggen AE, Grimsgaard S, Jacobsen BK, Løchen ML, Mathiesen EB, Njølstad I, Wilsgaard T. Longitudinal and secular trends in total cholesterol levels and impact of lipid-lowering drug use among women and men born 1905-1977 in the population-based Tromsø Study 1979-2016. *BMJ Open*. 2017;7: e015001.
128. Løvsletten O, Jacobsen BK, Grimsgaard S, Njølstad I, Wilsgaard T, Løchen ML, Eggen AE, Hopstock LA. Prevalence of general and abdominal obesity in 2015-2016 and 8-year longitudinal weight and waist circumference changes in adults and elderly: the Tromsø Study. *BMJ Open*. 2020;10:e038465.
129. Løvsletten O, Njølstad I, Wilsgaard T, Hopstock LA, Jacobsen BK, Bønaa KH, Eggen AE, Løchen ML. Is the ongoing obesity epidemic partly explained by concurrent decline in cigarette smoking? Insights from a longitudinal population study. *The Tromsø Study 1994-2016. Prev Med*. 2021;147:106533.
130. Aars NA, Beldo S, Jacobsen BK, Horsch A, Morseth B, Emaus N, Furberg AS, Grimsgaard S. Association between objectively measured physical activity and longitudinal changes in body composition in adolescents: the Tromsø study fit futures cohort. *BMJ Open*. 2020;10: e036991.
131. Lundblad MW, Jacobsen BK, Johansson J, Grimsgaard S, Andersen LF, Hopstock LA. Anthropometric measures are satisfactory substitutes for the DXA-derived visceral adipose tissue in the association with cardiometabolic risk-The Tromsø Study 2015-2016. *Obes Sci Pract*. 2021;7:525-534.
132. Lundblad MW, Johansson J, Jacobsen BK, Grimsgaard S, Andersen LF, Wilsgaard T, Hopstock LA. Secular and longitudinal trends in body composition: The Tromsø Study, 2001 to 2016. *Obesity (Silver Spring)*. 2021;29:1939-1949.
133. Lundblad MW, Jacobsen BK, Johansson J, De Lucia Rolfe E, Grimsgaard S, Hopstock LA. Reference values for DXA-derived visceral adipose tissue in adults 40 years and older from a European population: The Tromsø Study 2015-2016. *J Obes*. 2021; 2021:6634536.
134. Høye A, Jacobsen BK, Bramness JG, Nesvåg R, Reichborn-Kjennerud T, Heiberg I. Total and cause-specific mortality in patients with personality disorders: the association between comorbid severe mental illness and substance use disorders. *Soc Psychiatry Psychiatr Epidemiol*. 2021;56:1809-1819.
135. Enget Jensen TM, Braaten T, Jacobsen BK, Skeie G. Non-linear associations between healthy Nordic foods and all-cause mortality in the NOWAC study: a prospective study. *BMC Public Health*. 2022;22:169.
136. Olsen F, Balteskard L, Uleberg B, Jacobsen BK, Heuch I, Moen A. Impact of parents' education on variation in hospital admissions for children: a population-based cohort study. *BMJ Open*. 2021; 11: e046656. doi: 10.1136/bmjopen-2020-046656.
137. Olsen F, Jacobsen BK, Heuch I, Tveit KM, Balteskard L. Equitable access to cancer patient pathways in Norway - a national registry-based study. *BMC Health Serv Res*. 2021;21:1272. doi: 10.1186/s12913-021-07250-1.
138. Olsen F, Uleberg B, Jacobsen BK, Heuch I, Tande PM, Bugge E, Balteskard L. Socioeconomic and geographic differences in ablation of atrial fibrillation in Norway - a national cohort study. *BMC Public Health*. 2022;22:303.
139. Eriksen AMA, Melhus M, Jacobsen BK, Schei B, Broderstad AR. Intimate partner violence and its association with mental health problems: The importance of childhood violence - The SAMINOR 2 Questionnaire Survey. *Scand J Public Health*. 2021:14034948211024481.

140. Eriksen A, Melhus M, Jacobsen BK, Broderstad AR. Mental distress in subjects who did, or did not, move from rural Sami core areas to cities in Norway: The impact of Sami ethnicity. *Socialmedicinsk Tidskrift* 2021; 98: 758-769
141. Sagelv EH, Ekelund U, Hopstock LA, Aars NA, Fimland MS, Jacobsen BK, Løvsletten O, Wilsgaard T, Morseth B. Do declines in occupational physical activity contribute to population gains in body mass index? Tromsø Study 1974-2016. *Occup Environ Med*. 2021;78:203-210.
142. Sharashova E, Gerdtts E, Ball J, Espnes H, Jacobsen BK, Kildal S, Mathiesen EB, Njølstad I, Rosengren A, Schirmer H, Wilsgaard T, Løchen ML. Sex-specific time trends in incident atrial fibrillation and contribution of risk factors: the Tromsø Study 1994-2016. *Eur J Prev Cardiol* 2023; 30: 72-81.
143. Rognli EB, Heiberg IH, Jacobsen BK, Høye A, Bramness JG. Transition from substance-induced psychosis to schizophrenia spectrum disorder or bipolar disorder. *Am J Psychiatry* 2023; 180: 437-444.
144. Jensen TME, Braaten T, Jacobsen BK, Ibsen DB, Skeie G. Replacing red and processed meat with lean or fatty fish and all-cause and cause specific mortality in Norwegian women. The Norwegian Women and Cancer Study (NOVAC): a prospective cohort study. *Br J Nutr*. 2024;131:531-543. doi: 10.1017/S0007114523002040.
145. Averina M, Huber S, Almås B, Brox J, Jacobsen BK, Furberg AS, Grimnes G. Early menarche and other endocrine disrupting effects of per- and polyfluoroalkyl substances (PFAS) in adolescents from Northern Norway. The Fit Futures study. *Environ Res*. 2023; 242:117703.
146. Heiberg IH, Balteskard L, Jacobsen BK, Bramness JG, Nesvåg R, Tveit KM, Høye A. Inclusion in the Cancer Patient Pathway among cancer patients with and without pre-existing mental or substance use disorders: a nationwide register-based study. *BMC Public Health* 2025; 25:1991
147. Tiwari S, Løvsletten O, Jacobsen BK, Wilsgaard T, Mathiesen EB, Schirmer H, Gram IT, Mannsverk J, Løchen ML. Occasional smoking is a risk factor for myocardial infarction in the population-based Tromsø Study, 2001-2021. *Eur J Prev Cardiol*. 2025;zwaf182. doi: 10.1093/eurjpc/zwaf182.
148. Hetland RA, Wilsgaard T, Hopstock LA, Ariansen I, Johansson J, Jacobsen BK, Grimsgaard S. Social inequality in prevalence of NCD risk factors: a cross-sectional analysis from the population-based Tromsø Study 2015-2016. *BMJ Open*. 2024;14(4):e080611. doi: 10.1136/bmjopen-2023-080611.
149. Uleberg B, Bønaa KH, Govatsmark RES, Olsen F, Jacobsen BK, Stensland E, Hauglann B, Vonen B, Førde OH. Exploring variation in timely reperfusion treatment in ST-segment elevation myocardial infarction in Norway: a national register-based cohort study. *BMJ Open*. 2024 Feb 17;14(2):e081301. doi: 10.1136/bmjopen-2023-081301.
150. Uleberg B, Bønaa KH, Halle KK, Jacobsen BK, Hauglann B, Stensland E, Førde OH. The relation between delayed reperfusion treatment and reduced left ventricular ejection fraction in patients with ST-segment elevation myocardial infarction: a national prospective cohort study. *Eur Heart J Open*. 2025;5(2):oeaf034. doi: 10.1093/ehjopen/oeaf034.
151. Mikkelsen M, Wilsgaard T, Grimsgaard S, Jacobsen BK, Hopstock LA. Tracing obesity from parents to adult offspring: The Tromsø Study 1994-2016. *J Obesity* 2025 (in press)
152. Machlik ML, Grimsgaard S, Hopstock LA, Jacobsen BK, Lundblad MW. Assessing metabolic health in a general population: A comparative analysis of three definitions in the Tromsø Study 2015-2016. *PLOS ONE* 2025 (in press)