

Lene Theil Skovgaard
Associate Professor, Associate Professor
Section of Biostatistics
Section of Biostatistics
Postal address:
Postboks 2099, Øster Farimagsgade 5 opg. B, 1014 København K, 10 Øster
Farimagsgade 5
10-2-03
Postal address:
Øster Farimagsgade 5 opg. B
1353
København K
Email: ltsk@sund.ku.dk
Fax: +4535327629
Phone: +4535327916
Web address: <http://192.38.117.59/~lts>, <https://biostat.ku.dk/~lts>



Short presentation

My primary focus is on teaching postgraduate courses in statistics for applied medical researchers, and on collaboration with applied medical researchers, giving advice on appropriate analyses for their projects. My main experience is with analysis of longitudinal data (repeated measurements) and general regression models.

Employment

Associate Professor

Section of Biostatistics

København K, Denmark

31 Mar 1995 → nu

Associate Professor

Section of Biostatistics

København K, Denmark

1 Apr 1995 → nu

Associate Professor

Department of Public Health

København K, Denmark

1 Oct 1978 → 1 Apr 1995

Research outputs

Evaluation of hop performance in children with anterior cruciate ligament reconstruction using healthy reference data: A cross-sectional study

Alkjær, Tine, Zebis, Mette Kreutzfeldt, Herzog, R. B., Lundgaard-Nielsen, M., Skovgaard, Lene Theil, Krogsgaard, Michael R. & Warming, S., 2023, In: The Knee. 42, p. 19-27 9 p.

Impaired motor development in children with familial high risk of schizophrenia or bipolar disorder and the association with psychotic experiences: a 4-year Danish observational follow-up study

Burton, B. K., Krantz, M. F., Skovgaard, L. T., Brandt, J. M., Gregersen, M., Søndergaard, A., Knudsen, C. B., Andreassen, A. K., Veddem, L., Rohd, S. B., Wilms, M., Tjøtt, C., Hjorthøj, C., Ohland, J., Greve, A., Hemager, N., Bliksted, V. F., Mors, O., Plessen, K. J., Thorup, A. A. E. & 1 others, Nordentoft, Merete, 2023, In: The Lancet Psychiatry. 10, 2, p. 108-118 11 p.

Pulmonary diffusing capacity to nitric oxide and carbon monoxide during exercise and in the supine position: a test-retest reliability study

Christrup Madsen, A., Thomsen, R. S., Nyman, Stine Buus, Hartmann, J. P., Rasmussen, I. E., Mohammad, Milan, Skovgaard, Lene Theil, Hanel, B., Jønck, S., Iepsen, Ulrik Winning, Chistensen, R. H., Mortensen, Jann & Berg, Ronan Martin Griffin, 2023, In: Experimental Physiology. 108, 2, p. 307-317 11 p.

Improving neuromuscular monitoring and reducing residual neuromuscular blockade via e-learning: A multicentre interrupted time-series study (INVERT study)

Thomsen, J. L. D., Mathiesen, Ole, Hägi-Pedersen, Daniel, Skovgaard, Lene Theil, Østergaard, Doris, Gatke, M. R. & INVERT Collab Grp, I. C. G., 2022, In: Acta Anaesthesiologica Scandinavica. 66, 5, p. 580-588 9 p.

Amylin analog pramlintide induces migraine-like attacks in patients

Ghanizada, H., Al-Karaghali, M. A., Walker, C. S., Arnglim, N., Rees, T., Petersen, J., Siow, A., Mørch-Rasmussen, M., Tan, S., O'Carroll, S. J., Harris, P., Skovgaard, Lene Theil, Jørgensen, Niklas Rye, Brimble, M., Waite, J. S., Rea, B. J., Sowers, L. P., Russo, A. F., Hay, D. L. & dlt446, dlt446, 2021, In: Annals of Neurology. 89, 6, p. 1157-1171 15 p.

Cerebrovascular effects of glibenclamide investigated using high-resolution magnetic resonance imaging in healthy volunteers

Al-Karaghali, M. A. M., Ghanizada, H., Nielsen, C. A. W., Ansari, A., Gram, C., Younis, S., Vestergaard, M. B., Larsson, Henrik Bo Wiberg, Skovgaard, Lene Theil, Amin, Faisal Mohammad & dlt446, dlt446, 2021, In: Journal of Cerebral Blood Flow and Metabolism. 41, 6, p. 1328-1337 10 p.

Reliability of the transcranial Doppler ultrasound-derived mean flow index for assessing dynamic cerebral autoregulation in healthy volunteers

Riberholt, C. G., Olsen, M. H., Skovgaard, Lene Theil, Berg, Ronan Martin Griffin, Møller, Kirsten & Mehlsen, J., 2021, In: Medical Engineering and Physics. 89, p. 1-6 6 p.

Pregabalin alleviates clinical signs of syringomyelia-related central neuropathic pain in Cavalier King Charles Spaniel dogs: a randomized controlled trial

Thoefner, M. S., Skovgaard, Lene Theil, McEvoy, Fintan, Berendt, Mette & Bjerrum, Ole Jannik, 2020, In: Veterinary Anaesthesia and Analgesia. 47, 2, p. 238-248

PPARG Pro12Ala Ala carriers exhibit greater improvements in peripheral insulin sensitivity in response to 12 weeks of aerobic exercise training

Blond, Martin Bæk, Schnurr, T. M., Rasenkilde, M., Quist, Jonas Salling, Gram, A. S., Reichkender, M. H., Auerbach, P. L., Nordby, P., Skovgaard, Lene Theil, Ribøl-Madsen, R., Justesen, Johanne Marie, Kilpeläinen, Tuomas O., Ploug, Thorkil, Stallknecht, Bente Merete & Hansen, Torben, 2019, In: Physiological Genomics. 51, 6, p. 254-260

A large-scale digital data collection enables a data-driven approach to research in diet and multiple sclerosis

Karnøe, A., Skovgaard, Lene Theil & Kayser, Lars, 2019, In: Multiple Sclerosis Journal. 25, 7, p. 1044 1 p., ID 37.

An equine wound model to study effects of bacterial aggregates on wound healing

Jørgensen, Elin, Bay, Lene, Skovgaard, Lene Theil, Bjarnsholt, Thomas & Jacobsen, Stine, 2019, In: Advances in Wound Care. 8, 10, p. 487-498

Development and feasibility test of a scale for patient-reported outcome measures in multiple sclerosis

Karnøe, A., Kayser, Lars & Skovgaard, Lene Theil, 2019, In: Multiple Sclerosis Journal. 25, 7, p. 1044 1 p.

Extracranial activation of ATP-sensitive potassium channels induces vasodilation without nociceptive effects

Al-Karaghali, M. A., Ghanizada, H., Hansen, J. M., Aghazadeh, S., Skovgaard, Lene Theil, Olesen, Jes & dlt446, dlt446, 2019, In: Cephalalgia. 39, 14, p. 1789-1797 9 p.

Levcromakalim, an Adenosine Triphosphate-Sensitive Potassium Channel Opener, Dilates Extracerebral but not Cerebral Arteries

Al-Karaghali, M. A., Ghanizada, H., Hansen, J. M., Skovgaard, Lene Theil, Olesen, Jes, Larsson, Henrik Bo Wiberg, Amin, Faisal Mohammad & dlt446, dlt446, 2019, In: Headache. 59, 9, p. 1468-1480 13 p.

Sustained Attention and Interference Control Among 7-Year-Old Children With a Familial High Risk of Schizophrenia or Bipolar Disorder: A Nationwide Observational Cohort Study

Burton, B. K., Vangkilde, Signe, Petersen, Anders, Skovgaard, Lene Theil, Jepsen, J. R., Hemager, N., Christiani, C. J., Spang, K. S., Ellersgaard, D., Greve, A., Gantriis, D., Eichele, H., Mors, O., Nordentoft, Merete, Thorup, Anne & Plessen, K. J., Aug 2018, In: Biological Psychiatry: Cognitive Neuroscience and Neuroimaging. 3, 8, p. 704-712

Precision of automated QRS duration measurement in patients treated with cardiac resynchronization therapy

Lund-Andersen, Casper, Petersen, H. H., Jøns, C., Philbert, B. T., Tfelt-Hansen, Jacob, Skovgaard, Lene Theil & Svendsen, Jesper Hastrup, 1 Jun 2018, In: Journal of Interventional Cardiac Electrophysiology. 52, 1, p. 103-110

Improving Neuromuscular Monitoring and Reducing Residual Neuromuscular Blockade With E-Learning: Protocol for the Multicenter Interrupted Time Series INVERT Study

Thomsen, J. L. D., Mathiesen, Ole, Hägi-Pedersen, Daniel, Skovgaard, Lene Theil, Østergaard, Doris, Engbaek, J. & Gätke, M. R., 6 Oct 2017, In: JMIR Research Protocols.

Trends in socioeconomic inequalities in oral health among 15-year-old Danish adolescents during 1995-2013: A nationwide, register-based, repeated cross-sectional study

Sengupta, K., Christensen, Lisa Bøge, Mortensen, Laust Hvas, Skovgaard, Lene Theil & Andersen, Ingelise, 2017, In: Community Dentistry and Oral Epidemiology. 45, 5, p. 458-468 11 p.

Aggression in Psychiatric Wards: Effect of the Use of a Structured Risk Assessment

Hvidhjelm, J., Sestoft, D., Skovgaard, Lene Theil, Rasmussen, K., Almvik, R. & Bjørner, Jakob Bue, 2016, In: Issues in Mental Health Nursing. 37, 12, p. 960-967 8 p.

Predictive Accuracy of the PanCan Lung Cancer Risk Prediction Model -External Validation based on CT from the Danish Lung Cancer Screening Trial

Winkler Wille, M. M., van Riel, S. J., Saghir, Z., Dirksen, A., Pedersen, J. J. H., Jacobs, C., Thomsen, L. H., Scholten, E. T., Skovgaard, Lene Theil & van Ginneken, B., 2015, In: European Radiology. 25, 10, p. 3093-3099 7 p.

Sensitivity and specificity of the Brøset Violence Checklist as predictor of violence in forensic psychiatry

Hvidhjelm, J., Sestoft, D., Skovgaard, Lene Theil & Bjørner, Jakob Bue, Nov 2014, In: Nordic Journal of Psychiatry. 68, 8, p. 536-42 7 p.

Analysis of FEV₁ decline in relatively healthy heavy smokers: Implications of expressing changes in FEV₁ in relative terms

Thomsen, L. H., Dirksen, A., Shaker, S. B., Skovgaard, Lene Theil, Dahlbäck, M. & Pedersen, J. H., Feb 2014, In: C O P D. 11, 1, p. 96-104 9 p.

Headache in children: Effectiveness of multidisciplinary treatment in a tertiary paediatric headache clinic

Soee, A. B. L., Skov, L., Skovgaard, L. T., Thomsen, L. L. & Skovgaard, Lene Theil, Nov 2013, In: Cephalalgia. 33, 15, p. 1218-1228 11 p.

Sildenafil and diastolic dysfunction after acute myocardial infarction in patients with preserved ejection fraction

Andersen, M. J., Ersbøll, M., Axelsson, A., Gustafsson, F., Hassager, Christian, Køber, Lars Valeur, Borlaug, B. A., Boesgaard, S., Skovgaard, Lene Theil & Møller, J. E., 19 Mar 2013, In: Circulation. 127, 11, p. 1200-8 9 p.

Headache in children: Effectiveness of multidisciplinary treatment in a tertiary paediatric headache clinic

Soee, A., Skov, L., Skovgaard, Lene Theil & Thomsen, L., 2013, In: Cephalalgia. 33, 15, p. 1218-1228 11 p.

Seasonal changes in vitamin D status among Danish adolescent girls and elderly women: the influence of sun exposure and vitamin D intake

Andersen, R., Brot, C., Jakobsen, J., Mejborn, H., Mølgaard, Christian, Skovgaard, Lene Theil, Trolle, E., Tetens, I. & Ovesen, L., 2013, In: European Journal of Clinical Nutrition. 67, 3, p. 270-274 5 p.

Low frequency oscillations in cephalic vessels assessed by near infrared spectroscopy

Phillip, D., Schytz, Henrik Winther, Selb, J., Payne, S., Iversen, Helle Klingenberg, Skovgaard, Lene Theil, Boas, D. A. & dt446, dt446, Nov 2012, In: European Journal of Clinical Investigation. 42, 11, p. 1180-8 9 p.

Factors influencing the decline in lung density in a Danish lung cancer screening cohort

Shaker, S. B., Dirksen, A., Lo, P. C. P., Skovgaard, Lene Theil, de Bruijne, Marleen & Pedersen, J. H., 2012, In: European Respiratory Journal. 40, 5, p. 1142-1148 7 p.

Optical coherence tomography at follow-up after percutaneous coronary intervention: Relationship between procedural dissections, stent strut malapposition and stent healing

Radu, M., Jørgensen, E., Kelbæk, H., Helqvist, S., Skovgaard, Lene Theil & Saunamäki, K., Jul 2011, In: *EuroIntervention*. 7, 3, p. 353-361 9 p.

Home-based cardiac rehabilitation is as effective as centre-based cardiac rehabilitation among elderly with coronary heart disease: results from a randomised clinical trial

Oerkild, B., Frederiksen, M., Hansen, J. F., Simonsen, L., Skovgaard, Lene Theil & Prescott, Eva, 1 Jan 2011, In: *Age and Ageing*. 40, 1, p. 78-85 8 p.

Confidence Intervals in Generalized Regression Models

Skovgaard, Lene Theil, 2011, In: *Journal of the Royal Statistical Society, Series A (Statistics in Society)*. 173, 3, p. 696-697 2 p.

Decline in lung density is accelerated in active smokers

Shaker, S. B., Dirksen, A., Lo, P. C. P., Skovgaard, Lene Theil, de Bruijne, Marleen & Pedersen, J. J. H., 2011. 1 p.

Maternal use of nicotine replacement therapy during pregnancy and offspring birthweight: a study within the Danish National Birth Cohort

Lassen, T. H., Madsen, M., Skovgaard, Lene Theil, Strandberg-Larsen, Katrine, Olsen, J. & Nybo Andersen, Anne-Marie, May 2010, In: *Paediatric and Perinatal Epidemiology*. 24, 3, p. 272-81 10 p.

Arm-to-arm variation when evaluating neuromuscular block: an analysis of the precision and the bias and agreement between arms when using mechanomyography or acceleromyography

Claudius, C., Skovgaard, Lene Theil & Viby-Mogensen, J., 2010, In: *British Journal of Anaesthesia*. 105, 3, p. 310-317 8 p.

Lung function in patients with primary ciliary dyskinesia: a cross-sectional and 3-decade longitudinal study

Marthin, J. K., Petersen, N., Skovgaard, Lene Theil & Nielsen, Kim G., 2010, In: *American Journal of Respiratory and Critical Care Medicine*. 181, 11, p. 1262-1268 7 p.

Acceleromyography and mechanomyography for establishing potency of neuromuscular blocking agents: a randomized-controlled trial

Claudius, C., Viby-Mogensen, J. & Skovgaard, Lene Theil, 2009, In: *Acta Anaesthesiologica Scandinavica*. 53, 4, p. 449-54 5 p.

Is the performance of acceleromyography improved with preload and normalization? A comparison with mechanomyography

Claudius, C., Skovgaard, Lene Theil & Viby-Mogensen, J., 2009, In: *Anesthesiology*. 110, 6, p. 1261-70 9 p.

Stroke volume averaging for individualized goal-directed fluid therapy with oesophageal Doppler

Jørgensen, C. C., Bundgaard-Nielsen, M., Skovgaard, Lene Theil, Secher, Niels H. & Kehlet, H., 2009, In: *Acta Anaesthesiologica Scandinavica*. 53, 1, p. 34-38 4 p.

The effect of inhaled corticosteroids on the development of emphysema in smokers assessed by annual computed tomography

Shaker, S. B., Dirksen, A., Ulrik, C. S., Hestad, M., Stavngaard, T., Laursen, L. C., Maltbaek, N., Clementsen, P., Skjaerbaek, N., Nielsen, L., Stoel, B., Skovgaard, L. T., Tonnesen, P., Shaker, S. B., Dirksen, A., Ulrik, C. S., Hestad, M., Stavngaard, T., Laursen, L. C., Maltbaek, N. & 6 others, Clementsen, P., Skjaerbaek, N., Nielsen, L., Stoel, B., Skovgaard, L. T. & Tonnesen, P., 2009, In: *COPD - Journal of Chronic Obstructive Pulmonary Disease*. 6, 2, p. 104-11 7 p.

Vitamin D supplementation does not affect serum lipids and lipoproteins in Pakistani immigrants

Andersen, R., Brot, C., Mejborn, H., Mølgaard, Christian, Skovgaard, Lene Theil, Trolle, E. & Ovesen, L., 2009, In: *European Journal of Clinical Nutrition*. 63, 9, p. 1150-1153 4 p.

Can persistence of primary molars be predicted in subjects with multiple tooth agenesis?

Kjær, Inger, Nielsen, M. H. & Skovgaard, Lene Theil, 2008, In: European Journal of Orthodontics. 30, 3, p. 249-253 4 p.

Effect of vitamin D supplementation on bone and vitamin D status among Pakistani immigrants in Denmark: a randomised double-blinded placebo-controlled intervention study

Andersen, R., Mølgaard, Christian, Skovgaard, Lene Theil, Brot, C., Cashman, K. D., Jakobsen, J., Lamberg-Allardt, C. & Ovesen, L., 2008, In: British Journal of Nutrition. 100, 1, p. 197-207 11 p.

Pakistani immigrant children and adults in Denmark have severely low vitamin D status

Andersen, R., Mølgaard, Christian, Skovgaard, Lene Theil, Brot, C., Cashman, K. D., Jakobsen, J., Lamberg-Allardt, C. & Ovesen, Lars, 2008, In: European Journal of Clinical Nutrition. 62, 5, p. 625-634 10 p.

The GCRP guidelines vs. a restricting corset

Fuchs-Buder, T., Claudius, C., Skovgaard, Lene Theil, Eriksson, L. I., Mirakhur, R. K. & Viby-Mogensen, J., 2008, In: Acta Anaesthesiologica Scandinavica. 52, 4, p. 578-578 1 p.

Effect of teaching and type of stethoscope in cardiac auscultatory performance

Iversen, Kasper, Teisner, A. S., Dalsgaard, M., Greibe, R., Timm, H. B., Skovgaard, Lene Theil & Hróbjartsson, A., 2006, In: American Heart Journal. 152, p. 85.e1-85.e7

Prevalence and bother of nocturia, and causes of sleep interruption in a Danish population of men and women aged 60-80 years

Bing, M. H., Møller, L. A., Jennum, Poul, Mortensen, S., Skovgaard, Lene Theil & Lose, G., 2006, In: BJU International. 98, 3, p. 599-604 5 p.

Intra- and interobserver variation in the use of the Vienna classification of Crohn's disease

Riis, Lene Buhl, Munkholm, Pia, Binder, V., Skovgaard, Lene Theil & Langholz, Ebbe, Jul 2005, In: Inflammatory Bowel Diseases. 11, 7, p. 657-61 5 p.

A 72-year-old Danish puzzle resolved--comparative analysis of phenotypes in families with different-sized HOXD13 polyalanine expansions

Kjær, K. W., Hansen, Lars, Eiberg, Hans Rudolf Lytchoff, Utkus, A., Skovgaard, Lene Theil, Leicht, P., Opitz, J. M. & Tommerup, Niels, 2005, In: American Journal of Medical Genetics. Part A. 138, 4, p. 328-39 12 p.

A randomized trial comparing electronic and conventional stethoscopes

Iversen, K., Greibe, R., Timm, H. B., Skovgaard, Lene Theil, Dalsgaard, M., Hendriksen, K. V. & Hróbjartsson, A., 2005, In: The American Journal of Medicine. 118, p. 1289.e1-1289.e4

Cross-Sectional Study of the Length of the Nasal Bone in Cleft Lip and Palate Subjects

Nielsen, B. W., Mølsted, K., Skovgaard, Lene Theil & Kjær, Inger, 2005, In: Cleft Palate - Craniofacial Journal. 42(2), p. 417-422

Human Prenatal Nasal Bone Lengths: Normal Standards and Length Values in Fetuses with Cleft Lip and Cleft Palate

Hansen, L., Skovgaard, Lene Theil, Nolting, D., Hansen, B. F. & Kjær, Inger, 2005, In: Cleft Palate - Craniofacial Journal. 42(2), p. 165-170

Intra- and interobserver variation in the use of the Vienna Classification of Crohn's disease

Riis, L., Munkholm, P., Binder, V., Skovgaard, Lene Theil & Langholz, E., 2005, In: Inflamm Bowel Dis.. 11 (7), p. 657-61

Personal exposure to PM2.5, black smoke and NO2 in Copenhagen: relationship to bedroom and outdoor concentrations covering seasonal variation

Sørensen, M., Loft, Steffen, Andersen, H. V., Raaschou-Nielsen, O., Skovgaard, Lene Theil, Knudsen, Lisbeth E., Nielsen, I. V. & Hertel, O., 2005, In: Journal of Exposure Analysis And Environmental Epidemiology. 15, 5, p. 413-22 9 p.

Short hard palate in prenatal trisomy 21

Lauridsen, H., Hansen, B. F., Reintoft, J., Keeling, J. W., Skovgaard, Lene Theil & Kjær, Inger, 2005, In: Orthodontics & Craniofacial Research. 8, p. 91-95

Teenage girls and elderly women living in northern Europe have low winter vitamin D status

Andersen, R., Mølgaard, Christian, Skovgaard, Lene Theil, Brot, C., Cashman, K. D., Chabros, E., Charzewska, J., Flynn, A., Jakobsen, J., Kärkkäinen, M., Kiely, M., Lamberg-Allardt, C., Moreiras, O., Natri, A. M., O'brien, M., Rogalska-Niedzwiedz, M. & Ovesen, Lars, 2005, In: European Journal of Clinical Nutrition. 59, 4, p. 533-41 8 p.

Thermodilution cardiac output - Are three injections enough?

Nilsson, L. B., Nilsson, J. C., Skovgaard, Lene Theil & Berthelsen, P. G., Nov 2004, In: Acta Anaesthesiologica Scandinavica. 48, 10, p. 1322-1327 6 p.

Short-term reproducibility of computed tomography-based lung density measurements in alpha-1 antitrypsin deficiency and smokers with emphysema

Shaker, Saher Burhan, Dirksen, A., Laursen, L. C., Maltbaek, N., Christensen, L., Sander, U., Seersholm, N., Skovgaard, Lene Theil, Nielsen, L. & Kok-Jensen, A., Jul 2004, In: Acta Radiologica. 45, 4, p. 424-430 7 p.

Long-term cultures of testicular biopsies from boys with cryptorchidism: effect of FSH and LH on the number of germ cells

Larsen, H. E., Thorup, J., Skovgaard, Lene Theil, Cortes, D. & Byskov, A. G., 2004, In: Human Reproduction. 17, p. 383-389

The influence of jaw innervation on the dental maturation pattern in the mandible

Andersen, E., Skovgaard, Lene Theil, Poulsen, S. & Kjær, I., 2004, In: Orthod Craniofacial Res. 7, p. 211-215

Pharmacokinetics and pharmacodynamics of mivacurium in patients phenotypically heterozygous for the usual and atypical plasma cholinesterase variants (UA)

Østergaard, Doris, Viby-Mogensen, J., Rasmussen, S. N., Gätke, M. R., Pedersen, N. A. & Skovgaard, Lene Theil, Nov 2003, In: Acta Anaesthesiologica Scandinavica. 47, 10, p. 1219-1225 7 p.

Autogenous bone graft and ePTFE membrane in the treatment of peri-implantitis. II. Stereologic and histologic observations in cynomolgus monkeys

Schou, S., Holmstrup, P., Skovgaard, Lene Theil, Stoltze, K., Hjørting-Hansen, E. & Gundersen, H. J. G., 2003, In: Clinical Oral Implants Research. 14, p. 404-411

Implant surface preparation in the surgical treatment of experimental peri-implantitis with autogenous bone graft and ePTFE membrane in cynomolgus monkeys

Schou, S., Holmstrup, P., Jørgensen, T., Skovgaard, Lene Theil, Stoltze, K., Hjørting-Hansen, E. & Wenzel, A., 2003, In: Clinical Oral Implants Research. 14, p. 412-422

Serum levels of YKL-40 and PIIINP as prognostic markers in patients with alcoholic liver disease

Nøjgaard, C., Johansen, J. S., Christensen, E., Skovgaard, Lene Theil, Price, P. A. & Becker, P. U., 2003, In: Journal of Hepatology. 39, 2, p. 179-186 8 p.

Probing around implants and teeth with healthy or inflamed peri-implant mucosa/gingiva: A histologic comparison in cynomolgus monkeys (Macaca fascicularis)

Schou, S., Holmstrup, Palle, Stoltze, K., Hjørting-Hansen, E., Fiehn, Nils-Erik & Skovgaard, Lene Theil, Apr 2002, In: Clinical Oral Implants Research. 13, 2, p. 113-126 14 p.

Long-term cultures of testicular biopsies from boys with cryptorchidism: effect of FSH and LH on the number of germ cells

Larsen, H. E., Thorup, Jørgen Mogens, Skovgaard, Lene Theil, Cortes, Dina & Byskov, A. G., 1 Feb 2002, In: Human Reproduction. 17, 2, p. 383-9 7 p.

Late urologic morbidity in 177 consecutive patients after radiotherapy for cervical carcinoma: a longitudinal study
Lajer, H., Thranow, I. R., Skovgaard, Lene Theil & Engelholm, S. A., 2002, In: Int. J. Radiation Oncology Biol. Phys.. 54, 5, p. 1356-1361

Persistent High Incidence of Tuberculosis in Immigrants in a Low-Incidence Country
Lillebæk, T., Andersen, Å. B., Dirksen, A., Smith, E., Skovgaard, Lene Theil & Kok-Jensen, A., 2002, In: Emerging Infectious Diseases. 8, 7., p. 679-684

Pharmacokinetics and pharmacodynamics of mivacurium in young adult and elderly patients
Østergaard, D., Viby-Mogensen, J., Pedersen, N. A., Holm, H. & Skovgaard, Lene Theil, 2002, In: Acta Anaesthesiologica Scandinavica. 46, p. 684-691

Plasma cholinesterase activity and duration of action of mivacurium in phenotypically normal patients
Østergaard, Doris, Ibsen, M., Skovgaard, Lene Theil & Viby-Mogensen, J., 2002, In: Acta Anaesthesiologica Scandinavica. 46, 6, p. 679-683 5 p.

Postoperative muscle paralysis after rocuronium: Less residual block when acceleromyography is used
Gätke, M. R., Viby-Mogensen, J., Rosenstock, C., Jensen, F. S. & Skovgaard, Lene Theil, 2002, In: Acta Anaesthesiologica Scandinavica. 46, 2, p. 207-213 7 p.

Probing around implants and teeth with healthy or inflamed peri-implant mucosa/gingival. A histologic comparison in cynomolgus monkeys. (*Macaca fascicularis*)
Schou, S., Holmstrup, Palle, Stoltze, K., Hjørting-Hansen, E., Fiehn, Nils-Erik & Skovgaard, Lene Theil, 2002, In: Clinical Oral Implants Research. 13, p. 113-126

Short Bi-iliac Distance in Prenatal Ullrich-Turner Syndrome
Hartling, U. B., Hansen, B. F., Keeling, J. W., Skovgaard, Lene Theil & Kjær, Inger, 2002, In: American Journal of Medical Genetics. Part C: Seminars in Medical Genetics. 108, p. 290-294

Seasonal and biological variation of urinary epinephrine, norepinephrine, and cortisol in healthy women
Hansen, Åse Marie, Garde, A. H., Skovgaard, Lene Theil & Christensen, J. M., 5 Jul 2001, In: Clinica Chimica Acta. 309, 1, p. 25-35 11 p.

Erratum: Seasonal and biological variation of blood concentrations of total cholesterol, dehydroepiandrosterone sulfate, hemoglobin A_{1c}, IgA, prolactin, and free testosterone in healthy women (Clinical Chemistry (2000) 46 (551-559))
Garde, A. H., Hansen, Åse Marie, Skovgaard, Lene Theil & Christensen, Jan, 1 Jan 2001, In: Clinical Chemistry. 47, 10, 1 p.

A Method to Reduce the Number of Measured Parameters when using Isokinetic Muscle Strength as a Clinical Indicator in Rheumatoid Arthritis Patients
Schjøttz-Christensen, B., Skovgaard, Lene Theil, Danneskiold-Samsøe, B. & Bartels, E. M., 2001, In: Clinical Rheumatology. 20, p. 389-393

Applied regression including computing and graphics
Skovgaard, Lene Theil, 2001, In: Statistics in Medicine. 20, p. 820-821

Bi-iliac Distance and Iliac Bone Position Compared to the Vertebral Column in Normal Fetal Development
Hartling, U. B., Hansen, B. F., Skovgaard, Lene Theil & Kjær, Inger, 2001, In: American Journal of Medical Genetics. Part C: Seminars in Medical Genetics. 99, p. 154-158

Forskning ved danske anæstesiologiske afdelinger ved årtusindeskiftet
Nilsson, L. B., Jensen, T. U. S., Skovgaard, Lene Theil & Viby-Mogensen, J., 2001, In: Ugeskrift for læger. 163, p. 6121-27

No evidence for altered cellular immune functions in personnel deployed in the Persian Gulf during and after the Gulf War - The Danish Gulf War study

Bregenholt, S., Ishøy, T., Skovgaard, Lene Theil, Suadicani, P., Appleyard, M., Guldager, B., Malte, L., Gyntelberg, F. & Claesson, Mogens Helweg, 2001, In: Acta Pathologica Microbiologica et Immunologica Scandinavica. 109, 7-8, p. 517-24
8 p.

No evidence for altered cellular immune functions in personnel deployed in the Persian Gulf during and after the Gulf War. - The Danish Gulf War Study

Bregenholt, S., Ishøy, T., Skovgaard, Lene Theil, Suadicani, P., Appleyard, M., Guldager, B., Malte, L., Gyntelberg, F. & Claesson, Mogens Helweg, 2001, In: APMIS : Acta pathologica, microbiologica et immunologica Scandinavica. Supplementum. 109, p. 517-524

Onset and duration of action of rocuronium - from tracheal intubation, through intense block to complete recovery

Schultz, P., Ibsen, M., Østergaard, D. & Skovgaard, Lene Theil, 2001, In: Acta Anaesthesiologica Scandinavica. 45, p. 612-617

Seasonal and biological variation of urinary epinephrine norepinephrine, and cortisol in healthy women

Hansen, Å. M., Garde, A. H., Skovgaard, Lene Theil & Christensen, J. M., 2001, In: Clinica Chimica Acta. 309, p. 25-35

Taurodonti på første underkæbemolar

Nourbakhsh, M. R. & Skovgaard, Lene Theil, 2001, 47 p.

The assessment of postoperative cognitive function

Rasmussen, L. S., Larsen, K., Houx, P., Skovgaard, Lene Theil, Hanning, C. D. & Møller, J. T., 2001, In: Acta Anaesthesiologica Scandinavica. 45, p. 275-289

Rapid development in vitro and in vivo of resistance to ceftazidime in biofilm-growing Pseudomonas aeruginosa due to chromosomal beta-lactamase

Bagge, N., Ciofu, Oana, Skovgaard, Lene Theil & Høiby, Niels, Sep 2000, In: Acta Pathologica Microbiologica et Immunologica Scandinavica. 108, 9, p. 589-600 12 p.

Seasonal and biological variation of blood concentrations of total cholesterol, dehydroepiandrosterone sulfate, hemoglobin A(1c), IgA, prolactin, and free testosterone in healthy women

Garde, A. H., Hansen, Åse Marie, Skovgaard, Lene Theil & Christensen, J. M., Apr 2000, In: Clinical Chemistry. 46, 4, p. 551-9 9 p.

Effects of Pluronic F-68 on Tetrahymena cells: protection against chemical and physical stress and prolongation of survival under toxic conditions

Hellung-Larsen, P., Assaad, F., Pankratova, Stanislava, Saietz, B. L. & Skovgaard, Lene Theil, 21 Jan 2000, In: Journal of Biotechnology. 76, 2-3, p. 185-195 11 p.

Applied Regression Analysis. 3rd. edn.

Skovgaard, Lene Theil, 2000, In: Statistics in Medicine. 19, p. 3136-3139

Pharmacokinetic studies of neuromuscular blocking agents: Good Clinical Research Practice (GCRP)

Viby-Mogensen, J., Østergaard, D., Donati, F., Fisher, D., Hunter, J., Kampmann, J. P., Kopman, A., Proost, J. H., Rasmussen, S. N., Skovgaard, Lene Theil, Varin, F. & Wright, P. M. C., 2000, In: Acta Anaesthesiologica Scandinavica. 44, p. 1169-1190

Statistical limits to the clinical use of spirometry in obstructive pulmonary disease

Dirksen, A. & Skovgaard, Lene Theil, 2000, In: European Respiratory Review. 10: 75, p. 383-386

The frontal sinus in ancient and modern Greenlandic Inuit

Lynnerup, Niels, Homøe, E. & Skovgaard, Lene Theil, Jan 1999, In: International Journal of Anthropology. 14, 1, p. 47-54
8 p.

A randomized clinical trial of α_1 -antitrypsin augmentation therapy

Dirksen, A., Dijkman, J. H., Madsen, F., Stoel, B., Hutchison, D. C. S., Ulrik, Charlotte Suppli, Skovgaard, Lene Theil, Kok-Jensen, A., Rudolphus, A., Seersholm, N., Vrooman, H. A., Reiber, J. H. C., Hansen, N. C., Heckscher, T., Viskum, K. & Stolk, J., 1999, In: American Journal of Respiratory and Critical Care Medicine. 160, 5 I, p. 1468-1472 5 p.

The frontal sinus in ancient and modern Greenlandic Inuit

Lynnerup, Niels, Homøe, P. & Skovgaard, Lene Theil, 1999, In: International Journal of Anthropology. 14, p. 47-54

Progress of mephysema in severe (alpha1)-antitrypsin deficiency as assessed by annual CT

Dirksen, A., Friis, M., Olesen, K. P., Skovgaard, Lene Theil & Sørensen, K., 1998, In: Acta Radiologica. 38, p. 1-8

Residual neuromuscular block is a risk factor for postoperative pulmonary complications

Berg, H., Viby-Mogensen, J., Roed, J., Mortensen, C. R., Engbæk, J., Skovgaard, Lene Theil & Krintel, J. J., 1998, In: Acta Anaesthesiologica Scandinavica. 41, p. 1-9

Analysis of anaesthesia in patients suspected to be susceptible to malignant hyperthermia before diagnostic in vitro contracture test

Skovgaard, Lene Theil, Bendixen, D. & Ørding, H., 1997, In: Acta Anaesthesiologica Scandinavica. 41, p. 480-484

Comparison of the pattern of agenesis in the primary and permanent dentitions in a population characterized by agenesis in the primary dentition

Daugaard-Jensen, J., Nodal, M., Skovgaard, Lene Theil & Kjær, Inger, 1997, In: International Journal of Paediatric Dentistry. 7, p. 143-148

Growth in the external cranial base evaluated on human dry skulls, using nerve canal openings as references

Sejrsen, B., Jakobsen, J., Skovgaard, Lene Theil & Kjær, I., 1997, In: Acta Odontologica Scandinavica. 55, p. 356-364

Progress of emphysema in severe α_1 -antitrypsin deficiency as assessed by annual CT

Dirksen, A., Friis, M., Olesen, K. P., Skovgaard, Lene Theil & Sørensen, K., 1997, In: Acta Radiologica. 38, 5, p. 826-832 7 p.

Validation of the Danish Birth Registration

Kristensen, J., Langhoff-Roos, J., Skovgaard, Lene Theil & Kristensen, F. B., 1997, In: J. Clin. Epidemiol.. 49, p. 893-897

Timing of tracheal intubation: monitoring the orbicularis oculi, the adductor pollicis or use a stopwatch?

Koscielniak-Nielsen, Z. J., Horn, A., Sztuk, F., Eriksen, K., Skovgaard, Lene Theil & Viby-Mogensen, J., 1 Mar 1996, In: European Journal of Anaesthesiology. 13, 2, p. 130-135 6 p.

Estimation of otitis media in ancient populations: A study of past and present Greenlandic Inuit

Homøe, Preben, Lynnerup, Niels, Skovgaard, Lene Theil & Rasmussen, N., 1996, In: Journal of Laryngology and Otology. 110, 12, p. 1114-9 6 p.

Good clinical research practice (GCRP) in pharmacodynamic studies of neuromuscular blocking agents

Viby-Mogensen, J., Engbæk, J., Eriksson, L. I., Gramstad, L., Jensen, E., Jensen, F. S., Koscielniak-Nielsen, Z., Skovgaard, Lene Theil & Østergaard, Doris, 1996, In: Acta Anaesthesiologica Scandinavica. 40, 1, p. 59-74 16 p.

Dose-response relationship for mivacurium inpatients with phenotypically abnormal plasma cholinesterase activity

Østergaard, Doris, JENSEN, F. S., Skovgaard, Lene Theil & VIBY-MOGENSEN, J., Nov 1995, In: Acta Anaesthesiologica Scandinavica. 39, 8, p. 1016-1018 3 p.

Identification of human plasma cholinesterase variants in 6,688 individuals using biochemical analysis

Jensen, F. S., Skovgaard, Lene Theil & Viby-Mogensen, J., Feb 1995, In: Acta Anaesthesiologica Scandinavica. 39, 2, p. 157-162 6 p.

Bootstrap

Skovgaard, Lene Theil, 1995, *Den Store Danske Encyklopædi*. København: Gyldendal, p. 231

Determining cell density in breast carcinomas

Haerslev, T. & Skovgaard, Lene Theil, Apr 1994, In: *Human Pathology*. 25, 4, p. 431-432 2 p.

Statistical model estimating the occurrence of otitis media from temporal bone pneumatization

Homøe, Preben, Lynnerup, Niels, Rasmussen, N. & Skovgaard, Lene Theil, 1994, In: *Annals of Otolaryngology, Rhinology and Laryngology*. 103, 6, p. 469-473 5 p.

Monitoring of neuromuscular transmission by electromyography (II)

Engbæk, J., Skovgaard, Lene Theil, Fries, B., Kann, T. & Viby-Mogensen, J., Nov 1993, In: *Acta Anaesthesiologica Scandinavica*. 37, 8, p. 788-798 11 p.

A multicenter comparison of treatment regimens for unilateral cleft lip and palate using a multiple regression model

Mølsted, K., Dahl, E., Skovgaard, Lene Theil, Asher-McDade, C., Brattström, V., McCance, A., Prah-Andersen, B., Semb, G., Shaw, W. C. & The, R., 1993, In: *Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery*. 27, p. 277-284

Intact transmembrane isoforms of the neural cell adhesion molecule are released from the plasma membrane.

Olsen, M., Krog, L., Edvardsen, K., Skovgaard, Lene Theil & Bock, E., 1993, In: *Biochemical Journal*. Vol. 295, p. 833-840

Mivacurium-induced neuromuscular blockade in patients with atypical plasma cholinesterase.

Østergaard, D., Jensen, F. S., Jensen, E., Skovgaard, Lene Theil & Viby-Mogensen, J., 1993, In: *Acta Anaesthesiologica Scandinavica*. vol. 37, p. 314-318

Influence of plasma cholinesterase activity on recovery from mivacurium-induced neuromuscular blockade in phenotypically normal patients

Østergaard, D., Jensen, F. S., Jensen, E., Skovgaard, Lene Theil & Viby-Mogensen, J., Oct 1992, In: *Acta Anaesthesiologica Scandinavica*. 36, 7, p. 702-706 5 p.

Correlations of body mass index of adult adoptees and their biological and adoptive relatives

Sørensen, T. I. A., Holst, C., Stunkard, A. J. & Skovgaard, Lene Theil, 1992, In: *International Journal of Obesity*. 16, p. 227-236

Monitoring of the neuromuscular transmission by electromyography (I). Stability and temperature dependence of evoked EMG response compared to mechanical twitch recording in the cat

Engbæk, J., Skovgaard, Lene Theil, Friis, B., Kann, T. & Viby-Mogensen, J., 1992, In: *Acta Anaesthesiologica Scandinavica*. Vol. 36, p. 495-504

The accuracy of train-of-four monitoring at varying stimulating currents

Helbo-Hansen, H. S., Bang, U., Nielsen, H. K. & Skovgaard, Lene Theil, 1992, In: *Anesthesiology*. Vol. 76, p. 199-203

Pretreatment with pancuronium before suxamethonium administration in patients heterozygous for the usual and the atypical plasma cholinesterase gene

Østergaard, Doris, Viby-Mogensen, J., Hanel, H. K. & Skovgaard, Lene Theil, Aug 1991, In: *Acta Anaesthesiologica Scandinavica*. 35, 6, p. 502-507 6 p.

Evaluation of 119 anaesthetics received after investigation for susceptibility to malignant hyperthermia

Ørding, H., Hedengran, A. M. & Skovgaard, Lene Theil, 1991, In: *Acta Anaesthesiologica Scandinavica*. Vol 35, p. 711-716

The effect of bambuterol (carbamyated terbutaline) on plasma cholinesterase activity and suxamethonium-induced neuromuscular blockade in genotypically normal patients

Bang, U., Viby-Mogensen, J., Wirén, J. E. & Skovgaard, Lene Theil, Oct 1990, In: Acta Anaesthesiologica Scandinavica Supplementum. 34, 7, p. 596-599 4 p.

Agreement among multiple observers on endoscopic diagnosis of esophageal varices before bleeding

Bendtsen, Flemming, Skovgaard, Lene Theil, Sørensen, Thorkild I.A. & Matzen, P., Mar 1990, In: Hepatology. 11, 3, p. 341-347 7 p.

Reversal of intense neuromuscular blockade following infusion of atracurium

Engbaek, J., Østergaard, Doris, Skovgaard, Lene Theil & Viby-Mogensen, J., 1990, In: Anesthesiology. 72, 5, p. 803-806 4 p.

Manual evaluation of residual curarization using double burst stimulation: a comparison with train-of-four

Drenck, N. E., Ueda, N., Olsen, N. V., Engbaek, J., Jensen, E., Skovgaard, Lene Theil & Viby-Mogensen, J., Apr 1989, In: Anesthesiology. 70, 4, p. 578-81 4 p.

Half-life of plasma cholinesterase

Østergaard, Doris, Viby-Mogensen, J., Hanel, H. K. & Skovgaard, Lene Theil, Apr 1988, In: Acta Anaesthesiologica Scandinavica Supplementum. 32, 3, p. 266-269 4 p.

Age, fiber type composition and in vitro contracture responses in human malignant hyperthermia

ØRding, H., Hansen, U. & Skovgaard, Lene Theil, Feb 1988, In: Acta Anaesthesiologica Scandinavica Supplementum. 32, 2, p. 121-124 4 p.

Kinetics of hepatic alanine uptake and urea synthesis in pigs

Vilstrup, H. & Skovgaard, Lene Theil, 1988, In: American Journal of Physiology - Gastrointestinal and Liver Physiology. 254, 4, p. 1774

In vitro diagnosis of susceptibility to malignant hyperthermia: evaluation of tests with halothane-caffeine, potassium chloride, suxamethonium and caffeine-suxamethonium

ØRding, H. & Skovgaard, Lene Theil, Jul 1987, In: Acta Anaesthesiologica Scandinavica Supplementum. 31, 5, p. 462-465 4 p.

In vitro diagnosis of susceptibility to malignant hyperthermia: comparison between dynamic and static halothane and caffeine tests

ØRding, H. & Skovgaard, Lene Theil, Jul 1987, In: Acta Anaesthesiologica Scandinavica Supplementum. 31, 5, p. 458-461 4 p.

The influence of fentanyl on the cardiovascular effect of suxamethonium

Engék, J., Sørensen, M., Østergaard, Doris, Skovgaard, Lene Theil & Viby-Mogensen, J., Oct 1986, In: Acta Anaesthesiologica Scandinavica Supplementum. 30, 7, p. 594-597 4 p.

Acetaminophen metabolism by the perfused rat liver twelve hours after acetaminophen overdose

Poulsen, Henrik Enghusen, Lerche, A. & Skovgaard, Lene Theil, 15 Oct 1985, In: Biochemical Pharmacology. 34, 20, p. 3729-3733 5 p.

Dose-response Curves for Vecuronium during Halothane and Neurolept Anaesthesia: Single Bolus versus Cumulative Method

ØRDING, H., Skovgaard, Lene Theil, ENGBÆK, J. & VIBY-MOGENSEN, J., Jan 1985, In: Acta Anaesthesiologica Scandinavica Supplementum. 29, 1, p. 121-124 4 p.

Tactile and visual evaluation of the response to train-of-four nerve stimulation

Viby-Mogensen, J., Jensen, N. H., Engbaek, J., Ording, H., Skovgaard, Lene Theil & Chraemmer-Jørgensen, B., 1985, In: Anesthesiology. 63, 4, p. 440-443 4 p.

Clinical estimation of liver size

Malchow-Møller, A., Rasmussen, S. N., Jensen, A. M., Keiding, N., Skovgaard, Lene Theil & Juhl, E., Feb 1984, In: Danish Medical Bulletin. 31, 1, p. 63-67 5 p.

Pancreatic islet volume distribution: Direct measurement in preparations stained by perfusion in situ

Bonnevie Nielsen, V. & Skovgaard, Lene Theil, 1984, In: Acta Endocrinologica. 105, 3, p. 379-384 6 p.

β -cell function relative to islet volume and hormone content in the isolated perfused mouse pancreas

Nielsen, V. B., Skovgaard, Lene Theil & Lernmark, Mar 1983, In: Endocrinology. 112, 3, p. 1049-1056 8 p.

Synchronous optokinetic nystagmus

Holm-Jensen, S., Skovgaard, Lene Theil & Peitersen, E., 1981, In: Acta Oto-Laryngologica. 91, 1-6, p. 255-266 12 p.