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## Publications

**The feasibility of perioperative methadone in older hip fracture patients: A pilot continual reassessment trial (MetaHip trial)**  
Nygaard, K. H., Eriksen, L., Strøm, T., Specht, K., Petersen, S. R. & Schønnemann, J. O., Dec 2025, In: Journal of Orthopaedic Reports.

**Decisions about the limitations of life-sustaining treatment for acutely admitted older patients: a retrospective study of a Danish patient cohort**  
Lomborg, M. E., Nielsen, J. L. C., Bakke, S. A., Backer-Mogensen, C. & Strøm, T., 21. Oct 2024, In: BMC Geriatrics. 24, 1, p. 853

**Does 24 mg dexamethasone reduce surgical stress in robotic-assisted hysterectomies?**  
Kaiser, K., Valsamidis, A. N., Strøm, T., Gögenur, I., Balsevicius, L. & Lauszus, F. F., 6. Jun 2024.

### Platformsforsøg

Perner, A., Kjaer, M.-B. N., Thorsen-Meyer, H. C., Kaas-Hansen, B. S., Munch, M. W., Oxenbøll-Collet, M., Bruun, C. R. L., Jensen, A. K. G., Lange, T., Albertsen, T., Duedal Pedersen, C., Poulsen, L. M., Mathiesen, O., Brøchner, A. C., Strøm, T., Andersen, L. W., Christensen, S., Rasmussen, B. S., Schjørring, O. L. & Maagaard, M. & 2 others, Møller, M. H. & Granholm, A., 1. Apr 2024, In: Ugeskrift for Læger. 186, 7, p. 597-600 V04230237.

**Correction: Phase-3 trial of recombinant human alkaline phosphatase for patients with sepsis-associated acute kidney injury (REVIVAL) (Intensive Care Medicine, (2024), 50, 1, (68-78), 10.1007/s00134-023-07271-w)**  
on behalf of the REVIVAL investigators, Apr 2024, In: Intensive Care Medicine. 50, 4, p. 614-615 2 p.

**Presence of the partner in the operating room during a category 1 cesarean section: a prospective explorative study**  
Nedergaard, H. K., Weitling, E. E., Rahbech, M., Frøslev-Friis, C., Quitzau, L. H., Strøm, T., Brøchner, A. C. & Jensen, H. I., Feb 2024, In: International Journal of Obstetric Anesthesia. 57, 6 p., 103939.

**Quality of life in congenital diaphragmatic hernia survivors treated at a non-ECMO centre from 1998 to 2015: a cross-sectional study**  
Larsen, U. L., Christensen, S. A., Herskind, A. M., Strøm, T., Toft, P. & Halken, S., 29. Jan 2024, In: BMJ Paediatrics Open. 8, 1, 9 p., e002307.

**Assessment of quality of life for frail, elderly patients post-ICU discharge: a protocol for a scoping review**  
Kjaergaard-Andersen, G., Bauer, E. H., Bhavsar, R. P., Jensen, H. I., Ahrenfeldt, L. J., Hvidt, N. C. & Stroem, T., Jan 2024, In: BMJ Open. 14, 1, 6 p., e076494.

**Effect of Interpectoral-Pectoserratus Plane (PECS II) Block on Recovery Room Discharge Time in Breast Cancer Surgery**  
Malachauskienė, L., Bhavsar, R. P., Waldemar, J. & Strøm, T., Jan 2024, In: Medicina (Lithuania). 60, 1, 10 p., 41.

**Furosemide versus placebo for fluid overload in intensive care patients: The randomised GODIF trial second version: Statistical analysis plan**  
Wichmann, S., Lange, T., Perner, A., Gluud, C., Itenov, T. S., Berthelsen, R. E., Nebrich, L., Wiis, J., Brøchner, A. C., Nielsen, L. G., Behzadi, M. T., Damgaard, K., Andreasen, A. S., Strand, K., Järvisalo, M., Strøm, T., Eschen, C. T., Vang, M. L., Hildebrandt, T. & Andersen, F. H. & 14 others, Sigurdsson, M. I., Thomar, K. M., Thygesen, S. K., Troelsen, T. T., Uusalo, P., Jalkanen, V., Illum, D., Sølling, C., Keus, F., Pfortmueller, C. A., Wahlin, R. R., Ostermann, M., Aneman, A. & Bestle, M. H., Jan 2024, In: Acta Anaesthesiologica Scandinavica. 68, 1, p. 130-136

**Phase-3 trial of recombinant human alkaline phosphatase for patients with sepsis-associated acute kidney injury (REVIVAL)**

on behalf of the REVIVAL investigators, Jan 2024, In: Intensive Care Medicine. 50, p. 68-78

**The intensive care population profile in Denmark before and during the first wave of the SARS-CoV-2 pandemic; a national register-based study**

Biesenbach, P., Bogh, S. B., Fløjstrup, M., Christiansen, C. F., Brøchner, A. C., Christensen, E., Perner, A., Strøm, T. & Brabrand, M., 2024, In: Acute Medicine. 23, 2, p. 63-65

**Adjusting perioperative methadone dose for elderly and fragile hip fracture patients (MetaHip-trial): A statistical analysis plan for an adaptive dose-finding trial**

Pedersen, A. K., Nygaard, K. H., Petersen, S. R., Specht, K., Strøm, T., Moos, C. M., Skjøt-Arkil, H. & Schønnemann, J. O., Dec 2023, In: Contemporary Clinical Trials Communications. 36, 7 p., 101228.

**Abnormal serum levels of magnesium, phosphate, and zinc in ICU patients—Characteristics, management, and outcomes: The WhyTrace cohort study**

Vesterlund, G. K., Thorsen-Meyer, H. C., Møller, M. H., Brunak, S., Strøm, T., Perner, A. & Kaas-Hansen, B. S., Aug 2023, In: Acta Anaesthesiologica Scandinavica. 67, 7, p. 925-935

**Association between days alive without life support/out of hospital and health-related quality of life**

Granholt, A., Schjørring, O. L., Jensen, A. K. G., Kaas-Hansen, B. S., Munch, M. W., Klitgaard, T. L., Crescioli, E., Kjær, M. B. N., Strøm, T., Lange, T., Perner, A., Rasmussen, B. S. & Møller, M. H., Jul 2023, In: Acta Anaesthesiologica Scandinavica. 67, 6, p. 762-771

**Effect of 24 mg dexamethasone preoperatively on surgical stress, pain and recovery in robotic-assisted laparoscopic hysterectomy**

Kaiser, K., Valsamidis, A. N., Karstensen, S. H., Strøm, T., Gögenur, I., Balsevicius, L. & Lauszus, F. F., Jun 2023, In: Contemporary Clinical Trials Communications. 33, 4 p., 101109.

**Sleep quality and quantity determined by polysomnography in mechanically ventilated critically ill patients randomized to dexmedetomidine or placebo**

Oxlund, J., Knudsen, T., Sörberg, M., Strøm, T., Toft, P. & Jennum, P. J., Jan 2023, In: Acta Anaesthesiologica Scandinavica. 67, 1, p. 66-75

**Early Pre- and Postoperative Enteral Nutrition and Growth in Infants with Symptomatic Congenital Diaphragmatic Hernia**

Larsen, U. L., Zachariassen, G., Möller, S., Forre, W. U., Grosle, I., Halken, S., Herskind, A. M., Strom, T., Toft, P., Ellebæk, M. & Qvist, N., 2023, In: European Journal of Pediatric Surgery. 33, 6, p. 469-476

**Patient-important outcomes other than mortality in contemporary ICU trials: A Scoping Review**

Granholt, A., Anthon, C. T., Kjær, M.-B. N., Maagaard, M., Kaas-Hansen, B. S., Sivapalan, P., Schjørring, O. L., Andersen, L. W., Mathiesen, O., Strøm, T., Jensen, A. K. G., Perner, A. & Møller, M. H., 1. Oct 2022, In: Critical Care Medicine. 50, 10, p. e759-e771

**Goal directed fluid removal with furosemide versus placebo in intensive care patients with fluid overload: A trial protocol for a randomised, blinded trial (GODIF trial)**

Wichmann, S., Itenov, T. S., Berthelsen, R. E., Lange, T., Perner, A., Gluud, C., Lawson-Smith, P., Nebrich, L., Wiis, J., Brøchner, A. C., Hildebrandt, T., Behzadi, M. T., Strand, K., Andersen, F. H., Strøm, T., Järvisalo, M., Damgaard, K. A. J., Vang, M. L., Wahlin, R. R. & Sigurdsson, M. I. & 4 others, Thormar, K. M., Ostermann, M., Keus, F. & Bestle, M. H., Oct 2022, In: Acta Anaesthesiologica Scandinavica. 66, 9, p. 1138-1145

**Discrete-time survival analysis in the critically ill: a deep learning approach using heterogeneous data**

Thorsen-Meyer, H. C., Placido, D., Kaas-Hansen, B. S., Nielsen, A. P., Lange, T., Nielsen, A. B., Toft, P., Schierbeck, J., Strøm, T., Chmura, P. J., Heimann, M., Belling, K., Perner, A. & Brunak, S., 14. Sept 2022, In: NPJ digital medicine. 5, 10 p., 142.

**Senicapoc treatment in COVID-19 patients with severe respiratory insufficiency—A randomized, open-label, phase II trial**  
Granfeldt, A., Andersen, L. W., Vallentin, M. F., Hilberg, O., Hasselstrøm, J. B., Sørensen, L. K., Mogensen, S., Christensen, S., Grejs, A. M., Rasmussen, B. S., Kristiansen, K. T., Strøm, T., Johansen, I. S., Schjørring, O. L. & Simonsen, U., Aug 2022, In: *Acta Anaesthesiologica Scandinavica*. 66, 7, p. 838-846

**Long-term outcomes of dexamethasone 12 mg versus 6 mg in patients with COVID-19 and severe hypoxaemia**

Granholt, A., Kjær, M. B. N., Munch, M. W., Myatra, S. N., Vijayaraghavan, B. K. T., Cronhjort, M., Wahlin, R. R., Jakob, S. M., Cioccarì, L., Vesterlund, G. K., Meyhoff, T. S., Helleberg, M., Møller, M. H., Benfield, T., Venkatesh, B., Hammond, N. E., Micallef, S., Bassi, A., John, O. & Jha, V. & 29 others, Kristiansen, K. T., Ulrik, C. S., Jørgensen, V. L., Smitt, M., Bestle, M. H., Andreasen, A. S., Poulsen, L. M., Rasmussen, B. S., Brøchner, A. C., Strøm, T., Møller, A., Khan, M. S., Padmanaban, A., Divatia, J. V., Saseedharan, S., Borawake, K., Kapadia, F., Dixit, S., Chawla, R., Shukla, U., Amin, P., Chew, M. S., Wamberg, C. A., Bose, N., Shah, M. S., Darfelt, I. S., Gluud, C., Lange, T. & Perner, A., May 2022, In: *Intensive Care Medicine*. 48, 5, p. 580-589

**Failure of non-sedation strategy in critically ill, mechanically ventilated patients: a retrospective, post-hoc analysis of the NONSEDA trial**

Nedergaard, H. K., Korkmaz, S., Olsen, H. T., Jensen, H. I., Strøm, T. & Toft, P., Apr 2022, In: *Journal of Critical Care*. 68, p. 66-71

**Development of a core outcome set for general intensive care unit patients-A protocol**

Kjaer, M.-B. N., Granholm, A., Vesterlund, G. K., Estrup, S., Sivapalan, P., Bruun, C. R. L., Mortensen, C. B., Poulsen, L. M., Møller, M. H., Christensen, S., Strøm, T., Laerkner, E., Brøchner, A. C., Rasmussen, B. S., Vestergaard, S. R., Barot, E., Madsen, M. B., Egerod, I., Perner, A. & Collet, M. O., Mar 2022, In: *Acta Anaesthesiologica Scandinavica*. 66, 3, p. 415-424

**Management of acute atrial fibrillation in the intensive care unit: An international survey**

the AFIB-ICU collaborators, Mar 2022, In: *Acta Anaesthesiologica Scandinavica*. 66, 3, p. 375-385

**Health-related quality of life and days alive without life support or out of hospital: Protocol**

Granholt, A., Schjørring, O. L., Jensen, A. K. G., Kaas-Hansen, B. S., Munch, M. W., Klitgaard, T. L., Crescioli, E., Kjær, M. B. N., Strøm, T., Perner, A., Rasmussen, B. S. & Møller, M. H., Feb 2022, In: *Acta Anaesthesiologica Scandinavica*. 66, 2, p. 295-301

**Dexamethasone 12 mg versus 6 mg for patients with COVID-19 and severe hypoxaemia: a pre-planned, secondary Bayesian analysis of the COVID STEROID 2 trial**

Granholt, A., Munch, M. W., Myatra, S. N., Vijayaraghavan, B. K. T., Cronhjort, M., Wahlin, R. R., Jakob, S. M., Cioccarì, L., Kjær, M. B. N., Vesterlund, G. K., Meyhoff, T. S., Helleberg, M., Møller, M. H., Benfield, T., Venkatesh, B., Hammond, N. E., Micallef, S., Bassi, A., John, O. & Jha, V. & 26 others, Kristiansen, K. T., Ulrik, C. S., Jørgensen, V. L., Smitt, M., Bestle, M. H., Andreasen, A. S., Poulsen, L. M., Rasmussen, B. S., Brøchner, A. C., Strøm, T., Møller, A., Khan, M. S., Padmanaban, A., Divatia, J. V., Saseedharan, S., Borawake, K., Kapadia, F., Dixit, S., Chawla, R., Shukla, U., Amin, P., Chew, M. S., Wamberg, C. A., Gluud, C., Lange, T. & Perner, A., Jan 2022, In: *Intensive Care Medicine*. 48, 1, p. 45-55

**Low-dose hydrocortisone in patients with COVID-19 and severe hypoxia: The COVID STEROID randomised, placebo-controlled trial**

Munch, M. W., Meyhoff, T. S., Helleberg, M., Kjær, M. B. N., Granholm, A., Hjortsø, C. J. S., Jensen, T. S., Møller, M. H., Hjortrup, P. B., Wetterslev, M., Vesterlund, G. K., Russell, L., Jørgensen, V. L., Kristiansen, K. T., Benfield, T., Ulrik, C. S., Andreasen, A. S., Bestle, M. H., Poulsen, L. M. & Hildebrandt, T. & 52 others, Knudsen, L. S., Møller, A., Sølling, C. G., Brøchner, A. C., Rasmussen, B. S., Nielsen, H., Christensen, S., Strøm, T., Cronhjort, M., Wahlin, R. R., Jakob, S. M., Cioccarì, L., Venkatesh, B., Hammond, N., Jha, V., Myatra, S. N., Jensen, M. Q., Leistner, J. W., Mikkelsen, V. S., Svenningsen, J. S., Laursen, S. B., Hatley, E. V., Kristensen, C. M., Al-Alak, A., Clapp, E., Jonassen, T. B., Bjerregaard, C. L., Østerby, N. C. H., Jespersen, M. M., Abou-Kassem, D., Lassen, M. L., Zaabalawi, R., Daoud, M. M., Abdi, S., Meier, N., la Cour, K., Derby, C. B., Damlund, B. R., Laigaard, J., Andersen, L. L., Mikkelsen, J., Jensen, J. L. S., Rasmussen, A. H., Arnerlöf, E., Lykke, M., Holst-Hansen, M. Z. B., Tøstesen, B. W., Schwab, J., Madsen, E. K., Gluud, C., Lange, T. & Perner, A., Nov 2021, In: *Acta Anaesthesiologica Scandinavica*. 65, 10, p. 1421-1430

**Patient-important outcomes other than mortality in recent ICU trials: Protocol for a scoping review**

Granholt, A., Kaas-Hansen, B. S., Kjær, M. B. N., Anthon, C. T., Sivapalan, P., Schjørring, O. L., Andersen, L. W., Mathiesen, O., Strøm, T., Jensen, A. K. G., Perner, A. & Møller, M. H., Aug 2021, In: *Acta Anaesthesiologica Scandinavica*. 65, 7, p. 1002-1007

**Higher vs lower doses of dexamethasone in patients with COVID-19 and severe hypoxia (COVID STEROID 2) trial: Protocol and statistical analysis plan**

Warrer Munch, M., Granholm, A., Nainan Myatra, S., Kumar Tirupakuzhi Vijayaraghavan, B., Cronhjort, M., Rubenson Wahlin, R., Jakob, S. M., Cioccarelli, L., Nørregaard Kjær, M. B., Kingo Vesterlund, G., Sylvest Meyhoff, T., Helleberg, M., Hylander Møller, M., Benfield, T., Venkatesh, B., Hammond, N., Micallef, S., Bassi, A., John, O. & Jha, V. & 25 others, Tjelle Kristiansen, K., Suppli Ulrik, C., Lind Jørgensen, V., Smitt, M., Bestle, M. H., Sofie Andreassen, A., Musæus Poulsen, L., Steen Rasmussen, B., Craveiro Brøchner, A., Strøm, T., Møller, A., Saif Khan, M., Padmanaban, A., Vasishtha Divatia, J., Saseedharan, S., Borawake, K., Kapadia, F., Dixit, S., Chawla, R., Shukla, U., Amin, P., Chew, M. S., Gluud, C., Lange, T. & Perner, A., Jul 2021, In: *Acta Anaesthesiologica Scandinavica*. 65, 6, p. 834-845

**Higher vs Lower Doses of Dexamethasone in Patients with COVID-19 and Severe Hypoxia (COVID STEROID 2) trial: Protocol for a secondary Bayesian analysis**

Granholm, A., Munch, M. W., Myatra, S. N., Vijayaraghavan, B. K. T., Cronhjort, M., Wahlin, R. R., Jakob, S. M., Cioccarelli, L., Kjær, M. B. N., Vesterlund, G. K., Meyhoff, T. S., Helleberg, M., Møller, M. H., Benfield, T., Venkatesh, B., Hammond, N., Micallef, S., Bassi, A., John, O. & Jha, V. & 25 others, Kristiansen, K. T., Ulrik, C. S., Jørgensen, V. L., Smitt, M., Bestle, M. H., Andreassen, A. S., Poulsen, L. M., Rasmussen, B. S., Brøchner, A. C., Strøm, T., Møller, A., Khan, M. S., Padmanaban, A., Divatia, J. V., Saseedharan, S., Borawake, K., Kapadia, F., Dixit, S., Chawla, R., Shukla, U., Amin, P., Chew, M. S., Gluud, C., Lange, T. & Perner, A., May 2021, In: *Acta Anaesthesiologica Scandinavica*. 65, 5, p. 702-710

**Effect of non-sedation on physical function in survivors of critical illness - A substudy of the NONSEDA randomized trial**

Nedergaard, H. K., Jensen, H. I., Olsen, H. T., Strøm, T., Lauridsen, J. T., Sjøgaard, G. & Toft, P., Apr 2021, In: *Journal of Critical Care*. 62, p. 58-64

**Non-sedation—Does it improve health-related quality of life after critical illness? A 3-month follow-up sub-study of the NONSEDA trial**

Olsen, H. T., Nedergaard, H. K., Hough, C. L., Korkmaz, S., Jensen, H. I., Strøm, T. & Toft, P., Apr 2021, In: *Acta Anaesthesiologica Scandinavica*. 65, 4, p. 481-488

**Serum melatonin concentration in critically ill patients randomized to sedation or non-sedation**

Oxlund, J., Knudsen, T., Strøm, T., Lauridsen, J. T., Jennum, P. J. & Toft, P., 6. Mar 2021, In: *Annals of Intensive Care*. 11, 10 p., 40.

**Effect of Nonsedation on Cognitive Function in Survivors of Critical Illness**

Nedergaard, H. K., Jensen, H. I., Stylsvig, M., Olsen, H. T., Korkmaz, S., Strøm, T. & Toft, P., 1. Dec 2020, In: *Critical Care Medicine*. 48, 12, p. 1790-1798

**Analgesia and sedation in patients with ARDS**

Chanques, G., Constantini, J. M., Devlin, J. W., Ely, E. W., Fraser, G. L., Gélinas, C., Girard, T. D., Guérin, C., Jabaudon, M., Jaber, S., Mehta, S., Langer, T., Murray, M. J., Pandharipande, P., Patel, B., Payen, J. F., Puntillo, K., Rochwerg, B., Shehabi, Y. & Strøm, T. & 2 others, Olsen, H. T. & Kress, J. P., 10. Nov 2020, In: *Intensive Care Medicine*. 46, 12, p. 2342-2356

**Low-dose hydrocortisone in patients with COVID-19 and severe hypoxia (COVID STEROID) trial: Protocol and statistical analysis plan**

Petersen, M. W., Meyhoff, T. S., Helleberg, M., Kjær, M. B. N., Granholm, A., Hjortsø, C. J. S., Jensen, T. S., Møller, M. H., Hjortrup, P. B., Wetterslev, M., Vesterlund, G. K., Russell, L., Jørgensen, V. L., Tjelle, K., Benfield, T., Ulrik, C. S., Andreassen, A. S., Mohr, T., Bestle, M. H. & Poulsen, L. M. & 21 others, Hitz, M. F., Hildebrandt, T., Knudsen, L. S., Møller, A., Sølling, C. G., Brøchner, A. C., Rasmussen, B. S., Nielsen, H., Christensen, S., Strøm, T., Cronhjort, M., Wahlin, R. R., Jakob, S., Cioccarelli, L., Venkatesh, B., Hammond, N., Jha, V., Myatra, S. N., Gluud, C., Lange, T. & Perner, A., Oct 2020, In: *Acta Anaesthesiologica Scandinavica*. 64, 9, p. 1365-1375

**Effect of non-sedation on post-traumatic stress and psychological health in survivors of critical illness—A substudy of the NONSEDA randomized trial**

Nedergaard, H. K., Jensen, H. I., Stylsvig, M., Olsen, H. T., Strøm, T. & Toft, P., Sept 2020, In: *Acta Anaesthesiologica Scandinavica*. 64, 8, p. 1136-1143

**Congenital diaphragmatic hernia presenting with symptoms within the first day of life; outcomes from a non-ECMO centre in Denmark**

Larsen, U. L., Jepsen, S., Strøm, T., Qvist, N. & Toft, P., 7. May 2020, In: BMC Pediatrics. 20, 8 p., 196.

**Dynamic and explainable machine learning prediction of mortality in patients in the intensive care unit: a retrospective study of high-frequency data in electronic patient records**

Thorsen-Meyer, H. C., Nielsen, A. B., Nielsen, A. P., Kaas-Hansen, B. S., Toft, P., Schierbeck, J., Strøm, T., Chmura, P. J., Heimann, M., Dybdahl, L., Spangsege, L., Hulsen, P., Belling, K., Brunak, S. & Perner, A., Apr 2020, In: The Lancet Digital Health. 2, 4, p. e179-e191

**Nonsedation or light sedation in critically ill, mechanically ventilated patients**

Olsen, H. T., Nedergaard, H. K., Strøm, T., Oxlund, J., Wian, K. A., Ytrebø, L. M., Kroken, B. A., Chew, M., Korkmaz, S., Lauridsen, J. T. & Toft, P., 19. Mar 2020, In: New England Journal of Medicine. 382, 12, p. 1103-1111

**Sedation versus no sedation: Are there differences in nurses assessments of patient communication**

Laerkner, E., Kristiansen, H., Paskins, S., Toft, P. & Strom, T., 1. Jan 2020, In: Critical Care Medicine. 48, 1, p. 390 1 p.

**Endurance training of the respiratory muscles in critical ill patients on mechanical ventilation**

Bprup, M., Hesby, A., Poulsen, K., Høyer, A., Holten, M. K. & Strøm, T., Dec 2019, In: International Journal of Physiotherapy. 6, 6, p. 240-244

**Capacity of intensive care unit effect on mortality or readmission**

Pedersen, S. K. A., Schierbeck, J. & Strom, T., Sept 2019, In: Acta Anaesthesiologica Scandinavica. 63, 8, p. E27 1 p.

**Does non-sedation affect quality of life following critical illness?**

Olsen, H. T., Nedergaard, H. K., Jensen, H. I., Strom, T. & Toft, P., Sept 2019, In: Acta Anaesthesiologica Scandinavica. 63, 8, p. E1 1 p.

**Effect of non-sedation on post-traumatic stress and mental health**

Nedergaard, H. K., Stylsvig, M., Jensen, H. I., Olsen, H. T., Strom, T. & Toft, P., Sept 2019, In: Acta Anaesthesiologica Scandinavica. 63, 8, p. E23-E24

**Sepsis, den tredjehyppigste dødsårsag, registreres ikke i Danmark**

Toft, P. & Strøm, T., 28. May 2018, In: Ugeskrift for Læger. 180, 11, p. 961 1 p., V69710.

**A randomized trial of automated intermittent ropivacaine administration vs. continuous infusion in an interscalene catheter**

Oxlund, J., Clausen, A. H., Venø, S., Nielsen, M. D., Pall, M., Strøm, T. & Toft, P., 2018, In: Acta Anaesthesiologica Scandinavica. 62, 1, p. 85-93

**Authors' reply: Relatives' satisfaction and sedation of patients in intensive care units. What are we really measuring?**

Laerkner, E., Stroem, T. & Toft, P., Oct 2017, In: Intensive and Critical Care Nursing. 42, p. 9 1 p.

**An Official American Thoracic Society/American College of Chest Physicians Clinical Practice Guideline: Liberation from Mechanical Ventilation in Critically Ill Adults. Rehabilitation Protocols, Ventilator Liberation Protocols, and Cuff Leak Tests**

on behalf of the ATS/CHEST Ad Hoc Committee on Liberation from Mechanical Ventilation in Adults, 1. Jan 2017, In: American Journal of Respiratory and Critical Care Medicine. 195, 1, p. 120-133

**Official Executive Summary of an American Thoracic Society/American College of Chest Physicians Clinical Practice Guideline: Liberation from Mechanical Ventilation in Critically Ill Adults**

Schmidt, G. A., Girard, T. D., Kress, J. P., Morris, P. E., Ouellette, D. R., Alhazzani, W., Burns, S. M., Epstein, S. K., Esteban, A., Fan, E., Ferrer, M., Fraser, G. L., Gong, M. N., Hough, C. L., Mehta, S., Nanchal, R., Patel, S., Pawlik, A. J., Sessler, C. N. & Strøm, T. & 3 others, Schweickert, W., Wilson, K. C. & Truwit, J. D., 1. Jan 2017, In: American Journal of Respiratory and Critical Care Medicine. 195, 1, p. 115-119

**Liberation From Mechanical Ventilation in Critically Ill Adults: An Official American College of Chest Physicians/American Thoracic Society Clinical Practice Guideline : Inspiratory Pressure Augmentation During Spontaneous Breathing Trials, Protocols Minimizing Sedation, and Noninvasive Ventilation Immediately After Extubation**

Ouellette, D. R., Patel, S., Girard, T. D., Morris, P. E., Schmidt, G. A., Truweit, J. D., Al-Hazzani, W., Burns, S. M., Epstein, S. K., Esteban, A., Fan, E., Ferrer, M., Fraser, G. L., Gong, M., Hough, C. L., Mehta, S., Nanchal, R., Pawlik, A. J., Schweickert, W. & Sessler, C. N. & 2 others, Strøm, T. & Kress, J. P., Jan 2017, In: *Chest*. 151, 1, p. 166–180

**Liberation From Mechanical Ventilation in Critically Ill Adults: Executive Summary of an Official American College of Chest Physicians/American Thoracic Society Clinical Practice Guideline**

Schmidt, G. A., Girard, T. D., Kress, J. P., Morris, P. E., Ouellette, D. R., Alhazzani, W., Burns, S. M., Epstein, S. K., Esteban, A., Fan, E., Ferrer, M., Fraser, G. L., Gong, M. N., Hough, C. L., Mehta, S., Nanchal, R., Patel, S., Pawlik, A. J., Schweickert, W. D. & Sessler, C. N. & 3 others, Strøm, T., Wilson, K. C. & Truweit, J. D., 2017, In: *Chest*. 151, 1, p. 160-165

**Sedation versus no sedation: Are there differences in relatives' satisfaction with the Intensive Care Unit? A survey study based on data from a randomised controlled trial**

Laerkner, E., Stroem, T. & Toft, P., 2017, In: *Intensive and Critical Care Nursing*. 39, p. 59–66

**Antidepressant or Antipsychotic Overdose in the Intensive Care Unit - Identification of Patients at Risk**

Borg, L., Julkunen, A., Madsen, K. R., Strøm, T. & Toft, P., Jul 2016, In: *Basic & Clinical Pharmacology & Toxicology*. 119, 1, p. 110-114

**When is intensive care treatment futile in patients with organ failure and end-stage liver disease?**

Prier Lindvig, K., Thiele, M., Fuhrmann, V., Laleman, W., Roedl, K., Verbeke, L., Faber, K., Strøm, T., O'Beirne, J., Toft, P. & Krag, A., 14. Apr 2016.

**Comfort and patient-centred care without excessive sedation: the eCASH concept**

Vincent, J.-L., Shehabi, Y., Walsh, T. S., Pandharipande, P. P., Ball, J. A., Spronk, P., Longrois, D., Strøm, T., Conti, G., Funk, G.-C., Badenes, R., Mantz, J., Spies, C. & Takala, J., 2016, In: *Intensive Care Medicine*. 42, 6, p. 962-971

**No-sedation during mechanical ventilation: impact on patient's consciousness, nursing workload and costs**

Laerkner, E., Stroem, T. & Toft, P., 2016, In: *Nursing in Critical Care*. 21, 1, p. 28-35

**NO SEDATION FOR CRITICALLY ILL PATIENTS UNDERGOING MECHANICAL VENTILATION: A MULTICENTER TRIAL**

Strom, T., Olsen, H., Nedergaard, H. & Toft, P., 2016, In: *Critical Care Medicine*.

**Optimizing sedation in critically ill patients: by technology or change of culture?**

Stroem, T. & Toft, P., 2016, In: *Journal of Thoracic Disease*. 8, 12, p. E1676-E1678

**Validation of the Danish version of the Critical Care Pain Observation Tool**

Frandsen, J. B., Poulsen, K. S. O., Laerkner, E. & Stroem, T., 2016, In: *Acta Anaesthesiologica Scandinavica*. 60, 9, p. 1314–1322

**When is intensive care treatment futile in patients with organ failure and end-stage liver disease?**

Prier Lindvig, K., Thiele, M., Fuhrmann, V., Laleman, W., Roedl, K., Verbeke, L., Faber, K., Strøm, T., O'Beirne, J., Toft, P. & Krag, A., 2016, In: *Journal of Hepatology*. 64, Supplement 2, p. S166 1 p., PS059.

**Allocation of patients with liver cirrhosis and organ failure to intensive care: Systematic review and a proposal for clinical practice**

Prier Lindvig, K., Søgaaard Teisner, A., Kjeldsen, J., Strøm, T., Toft, P., Fuhrmann, V. & Krag, A., 7. Aug 2015, In: *World Journal of Gastroenterology*. 21, 29, p. 8964-8973

**Danish national sedation strategy. Targeted therapy of discomfort associated with critical illness. Danish Society of Intensive Care Medicine (DSIT) and the Danish Society of Anesthesiology and Intensive Care Medicine (DASAIM)**

Fonsmark, L., Hein, L., Nibroe, H., Bundgaard, H., de Haas, I., Iversen, S. & Strøm, T., Apr 2015, In: *Danish Medical Journal*. 63, 4, 5 p., C5052.

**More complications in patients with septic shock treated with dextran compared with crystalloids**

Rasmussen, A. M., Peter Jakobsen, R., Strøm, T., Carlsson, M., Dahler-Eriksen, B. & Toft, P., Feb 2015, In: Danish Medical Journal. 62, 2, 5 p., A5018.

**Non-sedation versus sedation with a daily wake-up trial in critically ill patients receiving mechanical ventilation (NONSEDA Trial): study protocol for a randomised controlled trial**

Toft, P., Olsen, H. T., Jørgensen, H. K., Strøm, T., Nibro, H. L., Oxlund, J., Wian, K.-A., Ytrebø, L. M., Kroken, B. A. & Chew, M., 20. Dec 2014, In: Trials. 15, 1, 11 p., 499.

**Sedation and Analgesia in Mechanical Ventilation**

Strøm, T. & Toft, P., Aug 2014, In: Seminars in Respiratory and Critical Care Medicine. 35, 4, p. 441-450

**Øget fokus på cerebrum hos intensivpatienter**

Toft, P., Strøm, T. & Dahler-Eriksen, B., 2013, In: Ugeskrift for Læger. 175, 12, p. 811

**The effects of dextran-70 on mortality and kidney funktion in patients with septic shock**

Rasmussen, A. M., Jakobsen, R., Strom, T., Carlsson, M., Dahler-Eriksen, B. & Toft, P., 2013, In: Acta Anaesthesiologica Scandinavica.

**Update on sedation and analgesia in mechanical ventilation**

Strøm, T. & Toft, P., 10. Apr 2012, *New Developments in Mechanical Ventilation*. Ferrer, M. & Pelosi, P. (eds.). p. 229-238 (European Respiratory Society Monographs, Vol. 55).

**Sedation in the ICU. Less is more**

Strøm, T., 24. Mar 2012, Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet.

**[Fewer indications for sedation in mechanical ventilation therapy].**

Strøm, T., Rian, O. & Toft, P., Feb 2012, In: Ugeskrift for Læger.

**Abstracts: Sedation in the ICU: less is more ...**

Strøm, T., 2012, In: Acta Anaesthesiologica Scandinavica. 56, 7, p. 937-8 2 p.

**Færre indikationer for sedation ved respiratorbehandling**

Strøm, T., Rian, O. & Toft, P., 2012, In: Ugeskrift for Læger. 174, 7, p. 406-409 4 p.

**Fewer indications for sedation in mechanical ventilation therapy,Færre indikationer for sedation ved respiratorbehandling**

Strøm, T., Rian, O. & Toft, P., 2012, In: Ugeskrift for Laeger.

**RELATIVES' PERCEPTION OF INFORMATION PROVIDED, PERSONAL DISTRESS AND OVERALL PATIENT CARE SATISFACTION WITH A STRATEGY OF NO SEDATION**

Strom, T. & Toft, P., 2012, In: Critical Care Medicine.

**Sedation in the ICU**

Strøm, T., 2012, In: Danish Medical Bulletin. 59, 5, p. B4458

**Sedation in the ICU Less is more**

Strom, T., 2012, In: Danish Medical Journal. 59, 5, p. B4458

**The outcome of critical illness in decompensated alcoholic liver cirrhosis**

Kavli, M., Strøm, T., Carlsson, M., Dahler-Eriksen, B. & Toft, P., 2012, In: Acta Anaesthesiologica Scandinavica. 56, 8, p. 987-94 7 p.

**RASS Score, nursing care recording (NCR11) and nurse self-assessed workload. Data from a randomized prospective trial of no sedation to critically ill patients undergoing mechanical ventilation**  
Lærkner, E., Strøm, T. & Toft, P., 4. Oct 2011.

**Time to wake up the patients in the ICU A Crazy idea or common sense?**  
Strøm, T. & Toft, P., 1. Jan 2011, In: *Minerva Anestesiologica*. 77, 1, p. 69-63

#### **Hepatology & nutrition**

Strøm, T., Kavli, M., Dahler-Eriksen, B. S., Carlsson, M. & Toft, P., 2011, In: *Intensive Care Medicine*. 37, Supplement 1, p. S196

**Long term psychological effects of a no sedation protocol in critically ill Patients**  
Stroem, T., Stylsvig, M. & Toft, P., 2011, In: *Critical Care*. 15, 6, p. R293

**Psychological long-term effects of a no-sedation protocol in critically ill patients**  
Strøm, T., Stylsvig, M., Toft, P. & Strøm, T., 2011, In: *Critical Care*. 15, Suppl 1, p. P359

**RASS SCORE, NURSING CARE RECORDING (NCR11) AND NO SELF-ASSESSED WORKLOAD. DATA FROM A RANDOMIZED PROSPECTIVE TRIAL OF NO SEDATION TO CRITICALLY ILL PATIENTS UNDERGOING MECHANICAL VENTILATION**  
Laerkner, E., Strom, T. & Toft, P., 2011, In: *Intensive Care Medicine*.

**Sedation and renal impairment in critically ill patients: a post hoc analysis of a randomized trial**  
Strøm, T., Johansen, R., Prah, J. & Toft, P., 2011, In: *Critical Care*. 15, 3, p. R119

**Sedationsstrategi: Måltrettet behandling af gener forbundet med kritisk sygdom**  
Strøm, T., 2011, 1\_1 ed., Dansk Selskab for Intensiv Terapi (DSIT).

**THE OUTCOME OF CRITICALLY ILLNESS IN DECOMPENSATED LIVER CIRRHOSIS**  
Strom, T., Kavli, M., Dahler-Eriksen, B., Carlsson, M. & Toft, P., 2011, In: *Intensive Care Medicine*.

**Enoxaparin, effective dosage for intensive care patients: double-blinded, randomised clinical trial**  
Robinson, S., Zincuk, A., Strøm, T., Larsen, T. B., Rasmussen, B. & Toft, P., 18. Mar 2010, In: *Critical Care*. 14, 2, p. R41

**A protocol of no sedation for critically ill patients receiving mechanical ventilation: a randomised trial**  
Strøm, T., Martinussen, T. & Toft, P., 28. Jan 2010, In: *Lancet*. 375, 9713, p. 475-480

**ECONOMIC EVALUATION OF A NO SEDATION STRATEGY INCRITICALLY ILL PATIENTS RECEIVING MECHANICALVENTILATION**  
Strøm, T., 2010.

**Renal function and thromboprophylaxis in critically ill patients Response**  
Robinson, S., Toft, P. & Strom, T., 2010, In: *Critical Care*.

**Sedation versus no sedation in the intensive-care unit - Authors' reply**  
Strøm, T., Martinussen, T. & Toft, P., 2010, In: *The Lancet*. 375, 9721, p. 1160 1 p.

#### **Delirium hos kritisk syge patienter**

Strøm, T., Pande-Rolfsen, G., Hagen, C. & Toft, P., 19. Oct 2009, In: *Ugeskrift for Læger*. 171, 43, p. 3094-7 3 p.



**[Delirium in the critically ill].**

Strøm, T., Pande-Rolfsen, G., Hagen, C. & Toft, P., Oct 2009, In: Ugeskrift for Læger.

**Delirium in the critically ill, Delirium hos kritisk syge patienter**

Strøm, T., Pande-Rolfsen, G., Hagen, C. & Toft, P., 2009, In: Ugeskrift for Læger.

**ECONOMIC EVALUATION OF A NO SEDATION STRATEGY IN CRITICALLY ILL PATIENTS RECEIVING MECHANICAL VENTILATION**

Strom, T., Bech, M. & Toft, P., 2009, In: Critical Care Medicine.

**Mortality among critically ill elderly patients after acute admission to the intensive care unit**

Carlsson, M., Strøm, T., Dahler-Eriksen, B. S. & Schierbeck, J., 2009. 1 p.

**Sedation increase the duration of mechanical ventilation in critically ill patients compared to a regime with no sedation**

Strøm, T. & Toft, P., 2009, In: Acta Anaesthesiologica Scandinavica. S119, p. 44-44 1 p.

**SSAI Congresses 1999-2009 - Accepted abstracts**

Strøm, T., Dahler-Eriksen, B. S. & Toft, P., 2009. 1 p.

**THE TOTAL HOSPITAL LENGTH OF STAY AND NUMBER OF RENAL IMPAIRMENTS ARE INCREASED BY SEDATION IN CRITICALLY ILL PATIENTS RECEIVING MECHANICAL VENTILATION. A RANDOMIZED PROSPECTIVE STUDY**

Strom, T. & Toft, P., 2009, In: Intensive Care Medicine.

**THE TOTAL HOSPITAL LENGTH OF STAY AND NUMBER OF RENAL IMPAIRMENTS ARE INCREASED BY SEDATION IN CRITICALLY ILL PATIENTS RECEIVING MECHANICAL VENTILATION. A RANDOMIZED PROSPECTIVE STUDY**

Strøm, T. & Toft, P., 2009, In: Journal of Intensive Care Medicine. 1, p. 111

**Referat fra Intensiv Symposium**

Carlsson, M., Westergaard-Nielsen, J., Strøm, T. & Toft, P., 2008, In: DASINFO.

**Intraossøs vaskulær adgang**

Strøm, T., 2003, In: Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine. 11, p. 165-68

## **Activities**

**Best sedation is no sedation.**

Strøm, T. (Lecturer)

26. May 2011

**Den vågne respirator-patient.: Temadag Intensiv afdelingen Holbæk sygehus**

Strøm, T. (Lecturer)

7. Oct 2011

**Does Non-Sedation Affect Quality Of Life Following Critical Illness?**

Olsen, H. T. (Lecturer), Nedergaard, H. K. (Other), Jensen, H. I. (Other), Strøm, T. (Other) & Toft, P. (Other)

28. Aug 2019 → 30. Aug 2019

**Effect of non-sedation on cognitive function in survivors of critical illness.**

Nedergaard, H. K. (Lecturer), Jensen, H. I. (Other), Stylsvig, M. (Other), Olsen, H. T. (Other), Korkmaz, S. (Other), Strøm, T. (Other) & Toft, P. (Other)

30. Sept 2019

**Effect of non-sedation on physical function in survivors of critical illness.**

Nedergaard, H. K. (Lecturer), Jensen, H. I. (Other), Olsen, H. T. (Other), Strøm, T. (Other), Lauridsen, J. (Other), Sjøgaard, G. (Other) & Toft, P. (Other)  
30. Sept 2019

**Effect Of Non-Sedation On Posttraumatic Stress And Mental Health.**

Nedergaard, H. K. (Lecturer), Stylsvig, M. (Other), Jensen, H. I. (Other), Olsen, H. T. (Other), Strøm, T. (Other) & Toft, P. (Other)  
28. Aug 2019 → 30. Aug 2019

**Ingen sedation: Hvidovre Hospital**

Strøm, T. (Lecturer)  
22. Apr 2010

**Ingen Sedation: Symposium Skejby**

Strøm, T. (Lecturer)  
28. May 2010

**Ingen Sedation til kritiske syge patienter: FYA**

Strøm, T. (Lecturer)  
25. Oct 2010

**Intensivbehandling uten sedasjon?: – erfaringer fra Odense**

Strøm, T. (Lecturer)  
17. Nov 2011

**Is sedation really necessary during invasive mechanical ventilation?**

Strøm, T. (Lecturer)  
29. Feb 2012 → 1. Mar 2012

**Long-term follow-up in ICU trials: SCCTG meeting in CPH**

Strøm, T. (Lecturer)  
30. May 2011

**Non-sedation in the ICU.**

Strøm, T. (Lecturer)  
28. Oct 2011

**No sedation in the ICU**

Strøm, T. (Lecturer)  
25. Aug 2016

**No sedation in the ICU: EWCI-meeting**

Strøm, T. (Lecturer)  
17. Sept 2011

**No Sedation to Critically Ill Patients receiving mechanical Ventilation. A randomized prospective study. Department of Critical Care Medicine**

Strøm, T. (Lecturer)  
20. Nov 2009

**Sedation/analgesia: different methods to achieve the same goal**

Strøm, T. (Lecturer)  
17. Nov 2010

**Sedation: Hindgavl intensiv symposium**

Strøm, T. (Lecturer)

29. Jan 2010

**Sedation in the ICU : less is more: Intensive care and outcome : what matters ?**

Strøm, T. (Lecturer)

11. Feb 2012

**Skal kritisk syge patienter sederes?: Præsentation af baseline data på 140 patienter inkluderet i prospektivt klinisk randomiseret undersøgelse**

Strøm, T. (Lecturer)

13. Nov 2008

**Skal kritisk syge patienter sederes?: Præsentation af baseline data på 140 patienter inkluderet i prospektivt klinisk randomiseret undersøgelse**

Strøm, T. (Lecturer)

13. Nov 2008

**University of Pittsburgh**

Strøm, T. (Visiting researcher)

9. Nov 2009 → 16. Nov 2009

**Press clippings****DR Radioavisen: Kunstig koma forværrer patientens tilstand:** <http://www.dr.dk/Nyheder/Indland/2012/04/09/122750.htm>

Strøm, T.

09/04/2012

1 Media contribution

**Ekspert: Unødig beroligende medicin forlænger patienters sygehusophold**

Strøm, T.

18/08/2016

1 Media contribution

**Er hypersøvn til lange rumrejser realistisk? Er hypersøvn til lange rumrejser realistisk?**

Strøm, T.

30/04/2011

1 Media contribution

**Forsker advarer: Kunstig koma giver nyresvigt:** <http://www.bt.dk/danmark/forsker-advarer-kunstig-koma-giver-nyresvigt>

Strøm, T.

10/04/2012

1 Media contribution

**Forskning.no: Kunstig koma gir nyresvikt:** <http://www.forskning.no/artikler/2012/april/318976>

Strøm, T.

16/04/2012

1 Media contribution

**Hurtigere ud af respirator**

Strøm, T.

03/02/2010

1 Media contribution

**Indien og respirator**

Strøm, T.

06/04/2020

1 Media contribution

**Indlag DR1 nyhederne: Vågne patienter i respirator: <http://www.youtube.com/watch?v=vyxyT2swHf>**

Strøm, T.

30/03/2012

1 Media contribution

**Kunstig koma kan være en dårlig løsning**

Strøm, T.

02/02/2010

1 Media contribution

**Marija T. Markovic vart ph.d. við Syddansk Universitet**

Strøm, T.

10/03/2019

1 Media contribution

**Patienter i respirator bør holdes vågne**

Strøm, T.

03/02/2010

1 Media contribution

**Patienter i respirator skal holdes vågne**

Strøm, T.

01/02/2010

1 Media contribution

**Patienter i respirator skal holdes vågne**

Strøm, T.

02/02/2010

1 Media contribution

**Respiratorpatienter har fordel af at være vågne under behandlingen. Ny forskning viser, at patienterne ikke får varige psykiske mén af at opleve behandlingen uden at være bedøvet: <http://www.sikkerpatient.dk/nyheder/vaagen-i-respirator.aspx>**

Strøm, T.

12/04/2012

1 Media contribution

**ScienceNordic.com: Artificial comas can cause kidney failure: <http://scienordic.com/artificial-comas-can-cause-kidney-failure>**

Strøm, T.

16/04/2012

1 Media contribution

**Sharon er i koma på femte år**

Strøm, T.

04/01/2011

1 Media contribution

**Vågen og i respirator: Ny Viden**

Strøm, T.

01/04/2012

1 Media contribution

Videnskab.dk: Kunstig koma giver nyresvigt: <http://videnskab.dk/krop-sundhed/kunstig-koma-giver-nyresvigt>  
Strøm, T.  
09/04/2012  
1 Media contribution