

Jesper Mølgaard
MD, PhD Fellow
Afdeling for Bedøvelse og Operation
Afdeling for Bedøvelse og Operation



Ansættelse

MD, PhD Fellow
Afdeling for Bedøvelse og Operation
Region Hovedstaden
1 maj 2019 → present

Afdeling for Bedøvelse og Operation

Region Hovedstaden
1 jan. 2021 → present

Reservelæge

Forsvaret
Danmark
1 jan. 2016 → present

Publikationer

Exploring microgravity-induced changes to the coagulation system using thrombelastograph - a topical review
Mayor, I., Lindgaard, K., Harandi, B., Stensballe, J. & Mølgaard, J., nov. 2025, I: Life Sciences in Space Research. 47, s. 134-139 6 s.

Continuous Vital Sign Monitoring at the Surgical Ward for Improved Outcomes After Major Noncardiac Surgery: A Randomized Clinical Trial

Mølgaard, J., Grønbæk, K. K., Rasmussen, S. S., Eiberg, J. P., Jørgensen, L. N., Achiam, M. P., Rohrsted, M., Singh, U. M., Hoang, T.-H., Søgaard, M., Meyhoff, C. S. & Aasvang, E. K., 30 jun. 2025, (E-pub ahead of print) I: Anesthesia and Analgesia. 10.1213/ANE.0000000000007606.

Nadir heart rate as a novel risk marker of postoperative complications - A propensity matched analysis

Mølgaard, J., Mayer, L., Rasmussen, S. S., Haahr-Raunkjær, C., Achiam, M. P., Jørgensen, L. N., Meyhoff, C. S. & Aasvang, E. K., 27 jan. 2025, (E-pub ahead of print) I: Sleep Medicine. 128, s. 65-73 9 s.

Prognostic value of heart rate variability for risk of serious adverse events in continuously monitored hospital patients
Aagaard, N., Olsen, M. H., Rasmussen, O. W., Grønbaek, K. K., Mølgaard, J., Haahr-Raunkjaer, C., Elvekjaer, M., Aasvang, E. K. & Meyhoff, C. S., dec. 2024, I: Journal of Clinical Monitoring and Computing. 38, 6, s. 1315-1329 15 s.

Comparison of Wireless Continuous Axillary and Core Temperature Measurement after Major Surgery

Nathansen, A. B., Mølgaard, J., Meyhoff, C. S. & Aasvang, E. K., 10 jul. 2024, I: Sensors. 24, 14, 4469.

Pain perception while listening to thrash heavy metal vs relaxing music at a heavy metal festival - the CoPainHell study - a factorial randomized non-blinded crossover trial

Welling, A. H., Nathansen, A. B., Pitter, S. E. L. T., Mølgaard, J., Dickenson, A. H. & Aasvang, E. K., 1 jan. 2024, I: Scandinavian Journal of Pain. 24, 1, 20240070.

Real-world causal evidence for planned predictive enrichment in critical care trials: A scoping review

Kaas-Hansen, B. S., Granholm, A., Sivapalan, P., Anthon, C. T., Schjørring, O. L., Maagaard, M., Kjaer, M.-B. N., Mølgaard, J., Ellekjær, K. L., Fagerberg, S. K., Lange, T., Møller, M. H. & Perner, A., jan. 2024, I: Acta Anaesthesiologica

Scandinavica. 68, 1, s. 16-25 10 s.

Interpreting postoperative physiology prior to complications using continuous vital sign monitoring
Mølgaard, J., 1 dec. 2023, 130 s.

Deviations in continuously monitored electrodermal activity before severe clinical complications: a clinical prospective observational explorative cohort study

Johansen, A. O., Mølgaard, J., Rasmussen, S. S., Gu, Y., Grønbæk, K. K., Sørensen, H. B. D., Aasvang, E. K. & Meyhoff, C. S., dec. 2023, I: Journal of Clinical Monitoring and Computing. 37, 6, s. 1573-1584 12 s.

The effect of technical filtering and clinical criteria on alert rates from continuous vital sign monitoring in the general ward
Kjærgaard, K., Mølgaard, J., Rasmussen, S. M., Meyhoff, C. S. & Aasvang, E. K., dec. 2023, I: Hospital practice. 51, 5, s. 295-302 8 s.

Associations between clinical interventions and transcutaneous blood gas values in postoperative patients

Thy, S. A., Johansen, A. O., Thy, A., Sørensen, H. H., Mølgaard, J., Foss, N. B., Toft, P., Meyhoff, C. S. & Aasvang, E. K., okt. 2023, I: Journal of Clinical Monitoring and Computing. 37, 5, s. 1255-1264 10 s.

Deviating vital signs in continuous monitoring prior to discharge and risk of readmission: an observational study

Songthawornpong, N., Elvekjaer, M., Mølgaard, J., Rasmussen, S. M., Meyhoff, C. S., Aasvang, E. K. & Eriksen, V. R., aug. 2023, I: Internal and Emergency Medicine. 18, 5, s. 1453-1461 9 s.

Wireless Single-Lead versus Standard 12-Lead ECG, for ST-Segment Deviation during Adenosine Cardiac Stress Scintigraphy

Fabricius Ekenberg, L., Høfsten, D. E., Rasmussen, S. M., Mølgaard, J., Hasbak, P., Sørensen, H. B. D., Meyhoff, C. S. & Aasvang, E. K., 9 mar. 2023, I: Sensors. 23, 6, 2962.

Continuous wireless pre- and postoperative vital sign monitoring reveal new, severe desaturations after vascular surgery

Mølgaard, J., Rasmussen, S. S., Eiberg, J., Sørensen, H. B. D., Meyhoff, C. S. & Aasvang, E. K., jan. 2023, I: Acta Anaesthesiologica Scandinavica. 67, 1, s. 19-28 10 s.

Quantifying physiological stability in the general ward using continuous vital signs monitoring: the circadian kernel density estimator

Rasmussen, S. S., Grønbæk, K. K., Mølgaard, J., Haahr-Raunkjær, C., Meyhoff, C. S., Aasvang, E. K. & Sørensen, H. B. D., 2023, I: Journal of Clinical Monitoring and Computing. 37, 6, s. 1607-1617 11 s.

The association between vital signs abnormalities during postanaesthesia care unit stay and deterioration in the general ward following major abdominal cancer surgery assessed by continuous wireless monitoring

Skovbye, M., Mølgaard, J., Rasmussen, S. M., Bjarup Dissing Sørensen, H., Meyhoff, C. S. & Aasvang, E. K., 5 dec. 2022, I: Critical Care and Resuscitation. 24, 4, s. 330-340 11 s.

Causal inference for planning randomised critical care trials: Protocol for a scoping review

Kaas-Hansen, B. S., Granholm, A., Anthon, C. T., Kjaer, M.-B. N., Sivapalan, P., Maagaard, M., Schjørring, O. L., Fagerberg, S. K., Ellekjær, K. L., Mølgaard, J., Ekstrøm, C. T., Møller, M. H. & Perner, A., nov. 2022, I: Acta Anaesthesiologica Scandinavica. 66, 10, s. 1274-1278 5 s.

Clinical impact of vital sign abnormalities in patients admitted with acute exacerbation of chronic obstructive pulmonary disease: an observational study using continuous wireless monitoring

Elvekjaer, M., Rasmussen, S. M., Grønbæk, K. K., Porsbjerg, C. M., Jensen, J.-U., Haahr-Raunkjær, C., Mølgaard, J., Søgaard, M., Sørensen, H. B. D., Aasvang, E. K. & Meyhoff, C. S., sep. 2022, I: Internal and Emergency Medicine. 17, 6, s. 1689-1698 10 s.

Prediction of serious outcomes based on continuous vital sign monitoring of high-risk patients

Kristinsson, Æ. Ö., Gu, Y., Rasmussen, S. M., Mølgaard, J., Haahr-Raunkjær, C., Meyhoff, C. S., Aasvang, E. K. & Sørensen, H. B. D., aug. 2022, I: Computers in Biology and Medicine. 147, s. 1-8 8 s., 105559.

Wireless Single-Lead ECG Monitoring to Detect New-Onset Postoperative Atrial Fibrillation in Patients After Major Noncardiac Surgery: A Prospective Observational Study

Jokinen, J. D. V., Carlsson, C. J., Rasmussen, S. M., Nielsen, O. W., Winkel, B. G., Jorgensen, L. N., Achiam, M. P., Mølgaard, J., Sørensen, H. B. D., Aasvang, E. K., Meyhoff, C. S. & WARD-Project Group, 1 jul. 2022, I: *Anesthesia and Analgesia*. 135, 1, s. 100-109 10 s.

Forecasting of Continuous Vital Sign Using Multivariate Auto-Regressive Models

Rasmussen, S. M., Mølgaard, J., Haahr-Raunkjaer, C., Meyhoff, C. S., Aasvang, E. & Sørensen, H. B. D., jul. 2022, I: *Proceedings of the International Conference of the IEEE Engineering in Medicine and Biology Society* . 2022, s. 385-388 4 s.

Prediction of Serious Adverse Events from Nighttime Vital Signs Values

Mayer, L., Rasmussen, S. M., Mølgaard, J., Gu, Y., Aasvang, E. K., Meyhoff, C. S. & Sørensen, H. B. D., jul. 2022, I: *Proceedings of the International Conference of the IEEE Engineering in Medicine and Biology Society* . 2022, s. 2631-2634 4 s.

Continuous monitoring of vital sign abnormalities; association to clinical complications in 500 postoperative patients

Haahr-Raunkjaer, C., Mølgaard, J., Elvekjaer, M., Rasmussen, S. M., Achiam, M. P., Jorgensen, L. N., Søgaard, M. I. V., Grønbaek, K. K., Oxbøll, A.-B., Sørensen, H. B. D., Meyhoff, C. S. & Aasvang, E. K., maj 2022, I: *Acta Anaesthesiologica Scandinavica*. 66, 5, s. 552-562 11 s.