

Forskningsprofil

Min forskning befinder sig i krydsfeltet mellem klinisk praksis og ingeniørvidenskab, hvor jeg arbejder med at forbedre klinisk praksis gennem en datadrevet tilgang. Jeg har en særlig interesse i kroniske sygdomme som type 2-diabetes, hvor mit mål er at udvikle innovative løsninger, der kan understøtte behandling og patientpleje.

Med en klinisk baggrund kombinerer jeg erfaring fra praksis med data-drevne metoder for at skabe ny viden og praksisnære forbedringer i sundhedsvæsenet. Mit arbejde omfatter blandt andet kliniske studier, der bygger bro mellem forskning og anvendelse i det virkelige liv.

Forskningsinteresser:

Digital sundhed

Kliniske studier

Kroniske sygdomme

Kvalifikationer

MSc Klinisk videnskab og Teknologi

Dimissionsdato: 15 jun. 2020

BA i Fysioterapi, University College of Northern Denmark

Dimissionsdato: 18 jan. 2018

Ansættelse

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Gistrup, Danmark

1 jan. 2022 → 31 dec. 4712

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Medical Informatics and Image Analysis

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Publikationer

Assessment of basal insulin adherence in people with type 2 diabetes in telemonitoring: Post-hoc analysis of novel data modalities including insulin injection data

Damsgaard Nørlev, J. T., Kronborg, T., Jensen, M. H., Rana, P., Vestergaard, P. & Hangaard, S., 17 apr. 2025, (E-pub ahead of print) I: *Diabetes Research and Clinical Practice*. 112191.

Identifying the Relationship Between CGM Time in Range and Basal Insulin Adherence in People With Type 2 Diabetes

Nørlev, J. T. D., Kronborg, T., Jensen, M. H., Vestergaard, P., Hejlesen, O. & Hangaard, S., 10 nov. 2024, (E-pub ahead of print) I: *Journal of Diabetes Science and Technology*.

The intelligent diabetes telemonitoring using decision support to treat patients on insulin therapy (DiaTRUST) trial: study protocol for a randomized controlled trial

Thomsen, C. H. N., Nørlev, J. T. D., Hangaard, S., Jensen, M. H., Hejlesen, O., Cohen, S. R., Kofoed-Enevoldsen, A., Kristensen, S. N. S., Aradóttir, T. B., Kaas, A., Vestergaard, P. & Kronborg, T., 8 nov. 2024, I: *Trials*. 25, 1, 744.

The intelligent Diabetes TelemonitoRing Using decision Support to treat patients on insulin Therapy (DiaTRUST) trial: study protocol for a randomized controlled trial

Thomsen, C. H. N., Nørlev, J. D., Hangaard, S., Jensen, M. H., Hejlesen, O., Kristensen, S. N. S., Aradóttir, T. B., Kaas, A., Vestergaard, P. & Kronborg, T., 8 sep. 2024, Research Square Platform LLC, 21 s.

Detailed Insights into Basal Insulin Adherence in People with Type 2 Diabetes Using a Data-Driven Assessment Method

Nørlev, J., Kronborg, T., Hejlesen, O., Hasselstrøm, M., Vestergaard, P. & Hangaard, S., 22 aug. 2024, *Digital Health and Informatics Innovations for Sustainable Health Care Systems*. IOS Press, Bind 316. s. 73-77 5 s. (Studies in Health Technology and Informatics , Bind 316).

Intelligent Diabetes Telemonitoring for Patients on Insulin Therapy: A Randomized Controlled Trial Protocol

Thomsen, C. H. N., Nørlev, J. T. D., Hangaard, S., Jensen, M. H., Kristensen, S. N. S., Aradóttir, T. B., Vestergaard, P., Hejlesen, O. & Kronborg, T., 22 aug. 2024, *Digital Health and Informatics Innovations for Sustainable Health Care Systems*. IOS Press, Bind 316. s. 1737-1738 2 s. (Studies in Health Technology and Informatics , Bind 316).

Assessment of basal insulin adherence in people with type 2 diabetes

Nørlev, J. D., 2024, Aalborg University Open Publishing.

A Three-Step Data-Driven Methodology to Assess Adherence to Basal Insulin Therapy in Patients With Insulin-Treated Type 2 Diabetes

Nørlev, J. T. D., Kronborg, T., Jensen, M. H., Vestergaard, P., Hejlesen, O. & Hangaard, S., 29 dec. 2023, (E-pub ahead of print) I: *Journal of Diabetes Science and Technology*.

Quantification of insulin adherence in adults with insulin-treated type 2 diabetes: A systematic review

Nørlev, J. T. D., Hejlesen, O., Jensen, M. H. & Hangaard, S., dec. 2023, I: *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 17, 12, 102908.

Factors associated with adherence or nonadherence to insulin therapy among adults with type 2 diabetes mellitus: A scoping review

Skriver, L. K. L., Nielsen, M. W., Walther, S., Nørlev, J. D. & Hangaard, S., okt. 2023, I: *Journal of Diabetes and its Complications*. 37, 10, 108596.

Game Mechanisms in Serious Games That Teach Children with Type-1 Diabetes How to Self-Manage: A Systematic Scoping Review

Nørlev, J., Sondrup, K., Derosche, C., Hejlesen, O. & Hangaard, S., sep. 2022, I: *Journal of Diabetes Science and Technology*. 16, 5, s. 1253-1269 17 s.

Quantification of insulin adherence in adults with insulin-treated type 2 diabetes: a protocol for a systematic review

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Using Distance Communication for the User-Centered Development of a Smartphone-Based Serious Game for Children With Type 1 Diabetes: Participatory Design Approach

Nørlev, J., Derosche, C., Sondrup, K., Hejlesen, O. & Hangaard, S., 29 mar. 2022, I: *JMIR serious games*. 10, 1, e33955.