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## Primære forskningsområder

Kvantitative metoder i diabetesforskning  
Adfærd og psykosociale aspekter relateret til et liv med diabetes

## Kvalifikationer

Sociologi  
Dimissionsdato: 2 nov. 2009

## Ansættelse

Forsker  
Steno Diabetes Center Copenhagen  
Region Hovedstaden  
Herlev, Danmark  
1 jan. 2017 → present

## Publikationer

### Upper-Limb Complications in Diabetes: A Narrative Review

Braffett, B. H., Berg, T. J., Zimmerman, M., Olesen, K., Gregersen, S., Krosgaard, M. R., Dahlin, L. B. & Nørgaard, K., 23 jun. 2025, (E-pub ahead of print) I: Diabetes Care.

### Copenhagen Diabetes Consensus (CODIAC) 2021: User involvement in diabetes care, prevention and research

Bloch, P., Dadaczynski, K., Grabowski, D., Lomborg, K., Olesen, K., Rasmussen, L. N., Rossing, P., Willaing, A., Willaing, I., Harris, J., Holt, R. I. G. & Jensen, B. B., jan. 2024, I: Diabetic medicine : a journal of the British Diabetic Association. 41 , 1, s. e15160 e15160.

### The impact of upper extremity impairments on work and everyday life of people with type 1 diabetes-A nationwide controlled study

Wagner, S., Nørgaard, K., Willaing, I., Olesen, K. & Andersen, H. U., jan. 2024, I: Diabetic medicine : a journal of the British Diabetic Association. 41, 1, s. e15158 e15158.

### Development and validation of an instrument to measure social capital in disadvantaged neighborhoods

Stjernqvist, N. W., Elsborg, P., Olesen, K., Tetens, A., Boye, M. C., Tørslev, M. K., Nielsen, A. V. & Bloch, P., 10 dec. 2023, I: European Journal of Public Health. 33, Suppl 2

### A Short-Form Measure of Diabetes Distress Among Adults With Type 1 Diabetes for Use in Clinical Practice: Development and Validation of the T1-DDS-7

Nygaard, M., Willaing, I., Joensen, L. E., Lindgreen, P., Stenov, V., Hessler, D., Nørgaard, K., Pedersen-Bjergaard, U. & Olesen, K., 1 sep. 2023, I: Diabetes Care. 46, 9, s. 1619-1625 7 s.

### Hands tied: how upper extremity impairments impact work and everyday life of people with type 1 diabetes

Wagner, S., Nørgaard, K., Willaing, I., Olesen, K. & Andersen, H. U., 1 sep. 2023, I: Diabetologia. 66, SUPPL 1, 1, s. S485

**Applying the Supersetting approach to tackle health inequities in disadvantaged settings**

Stougaard, M., Ternansen, T., Stjernqvist, N. W., Tetens, A. & Olesen, K., 11 aug. 2023, I: European Journal of Public Health. 33, suppl 2, s. ii230 1 s., ckad160.585.

**Upper-Extremity Impairments in Type 1 Diabetes: Results From a Controlled Nationwide Study**

Wagner, S., Nørgaard, K., Willaing, I., Olesen, K. & Andersen, H. U., jun. 2023, I: Diabetes Care. 46, 6, s. 1204-1208 5 s.

**Validation of the type 1 diabetes distress scale (T1-DDS) in a large Danish cohort: Content validation and psychometric properties**

Joensen, L. E., Lindgreen, P., Olesen, K., Nygaard, M., Hessler, D., Andersen, H. U., Christensen, J. O., Kielgast, U. L., Nørgaard, K., Pedersen-Bjergaard, U. & Willaing, I., apr. 2023, I: Heliyon. 9, 4, s. e14633 e14633.

**Social inequalities in the self-management of type 1 diabetes: A serial multiple mediation analysis**

Wagner, S. & Olesen, K., mar. 2023, I: Scandinavian Journal of Public Health. 51, 2, s. 250-256 7 s.

**Improving Health and Diabetes Self-Management in Immigrants with Type 2 Diabetes Through a Co-Created Diabetes Self-Management Education and Support Intervention**

Hempler, N. F., Fagt, C., Olesen, K., Wagner, S., Rasmussen, L. B., Laursen, D. H., Glümer, C., Nygaard, M. & Willaing, I., feb. 2023, I: Journal of community health. 48, 1, s. 141-151 11 s.

**Does health literacy predict cardiometabolic marker trajectories among people with diabetes? A longitudinal mixed-effect analysis**

Olesen, K., Willaing, I., Maindal, H. T. & Andersen, G. S., jan. 2023, I: Journal of Diabetes and its Complications. 37, 1, 108358.

**Staff experiences of diabetes care in residential care facilities for people with severe disabilities in Denmark: a mixed-methods assessment of access to screening for diabetes complications**

Nexø, M. A., Valeur Baumgarten, S., Willaing, I. & Olesen, K., 20 dec. 2022, I: BMJ Open. 12, 12, s. e062403 e062403.

**How has the COVID-19 Pandemic Affected Diabetes Self-Management in People With Diabetes? - A One-Year Follow-Up Study**

Olesen, K., Joensen, L. E., Madsen, K. P. & Willaing, I., 17 aug. 2022, I: Frontiers in Clinical Diabetes and Healthcare. 3, 867025.

**Cultural adaption and psychometric validation of the Danish Illness Identity Questionnaire (IIQ-DK) in adolescents and emerging adults with type 1 diabetes**

Ingersgaard, M. V., Grabowski, D. & Olesen, K., mar. 2022, I: Heylion. 8, 3, s. e09109 e09109.

**Experiences of stigma among women with gestational diabetes mellitus: a scoping review**

Davidsen , E., Maindal, H. T., Hulvej Rod, M., Olesen, K., Damm, P., Byrne, M. & Kragelund Nielsen, K., 2022.

**The stigma associated with gestational diabetes mellitus: A scoping review**

Davidsen, E., Maindal, H. T., Rod, M. H., Olesen, K., Byrne, M., Damm, P. & Nielsen, K. K., 2022, I: EClinicalMedicine. 52, 13 s., 101614.

**Gestational diabetes mellitus and stigma: A scoping review**

Davidsen , E., Maindal, H. T., Olesen, K., Damm, P., Byrne, M. & Kragelund Nielsen, K., 27 sep. 2021.

**Illness identity and social relations in adolescents and emerging adults with type 1 diabetes**

Grabowski, D., Olesen, K., Willaing, I. & Ingersgaard, M. V., 2021.

**Diabetes stigma and its association with diabetes outcomes: a cross-sectional study of adults with type 1 diabetes**

Hansen, U. M., Olesen, K. & Willaing, I., dec. 2020, I: Scandinavian Journal of Public Health. Supplement. 48, 8, s. 855-861 7 s.

**Determinants of glycaemic control among patients with type 2 diabetes: testing a process model based on self-determination theory**

Grønnegaard, C., Varming, A., Skinner, T., Olesen, K. & Willaing, I., okt. 2020, I: *Heliyon*. 6, 10, s. e04993 e04993.

**Effect of a participatory patient education programme (NExt EDucation) in group-based patient education among Danes with type 2 diabetes**

Christoffersen, L. A., Hansen, A. K., Pals, R. A., Willaing, I., Siersma, V. & Olesen, K., sep. 2020, I: *Chronic Illness*. 16, 3, s. 226-236 11 s.

**Impact of patient-centred diabetes self-management education targeting people with type 2 diabetes: an integrative review**

Olesen, K., Folmann Hempler, N., Drejer, S., Valeur Baumgarten, S. & Stenov, V., jun. 2020, I: *Diabetic Medicine*. 37, 6, s. 909-923 15 s.

**Reasons for Nonadherence to Statins - A Systematic Review of Reviews**

Ingersgaard, M. V., Helms Andersen, T., Norgaard, O., Grabowski, D. & Olesen, K., 2 apr. 2020, I: *Patient Preference and Adherence*. 14, s. 675-691 17 s.

**Discrimination and stigma among people with type 2 diabetes in the workplace: prejudice against illness or obesity?**

Olesen, K., Cleal, B. & Willaing, I., mar. 2020, I: *Journal of Public Health*. 180, s. 100-101 2 s.

**Danish validation of the type 1 diabetes distress scale (T1-DDS)**

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**Improving empowerment, motivation, and medical adherence in patients with poorly controlled type 2 diabetes: A randomized controlled trial of a patient-centered intervention**

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**Willingness to pay for flexibility at the workplace for people with diabetes and chronic disease: a discrete choice experiment in a population of workers in Denmark**

Madsen, K. P., Cleal, B., Olesen, K., Hagelund, L. & Willaing, I., 16 maj 2019, I: *BMC Public Health*. 19, 1, s. 1-9 9 s., 584.

**Does health literacy predict trajectories of cardiometabolic markers in people with diabetes?**

Olesen, K., Willaing, I., Maindal, H. T. & Andersen, G. S., 11 maj 2019. 1 s.

**Diabetes Distress, Intentional Hyperglycemia at Work, and Glycemic Control Among Workers With Type 1 Diabetes**

Hansen, U. M., Skinner, T., Olesen, K. & Willaing, I., 1 maj 2019, I: *Diabetes Care*. 42, 5, s. 797-803 7 s.

**Empowerment, Motivation and Medical Adherence (EMMA): Results of an RCT in People with Diabetes T2**

Varming, A. R., Olesen, K. & Willaing, I., 4 sep. 2018.

**Stigma Perceived and Experienced by Adults with Type 1 Diabetes: Linguistic Adaptation and Psychometric Validation of the Danish Version of the Type 1 Diabetes Stigma Assessment Scale (DSAS-1 DK)**

Hansen, U. M., Willaing, I., Ventura, A. D., Olesen, K., Speight, J. & Browne, J. L., aug. 2018, I: *The Patient*. s. 1-10 9 s.

**Health Literacy and self-care among visually impaired people with type 1 diabetes in Denmark**

Schwennesen, N., Barghadouch, A. & Olesen, K., 28 jul. 2018, I: *Chronic Illness*. 8 s.

**Empowerment, Motivation and Medical Adherence (EMMA): Results of an RCT in Patients with Poorly Regulated Type 2 Diabetes**

Varming, A. R., Olesen, K. & Willaing, I., jul. 2018, I: *Diabetes*. 67, Suppl 1

**A call for inclusion of work-related diabetes distress in the spectrum of diabetes management: Results from a cross-sectional survey among working people with type 1 diabetes**

Hansen, U. M., Olesen, K., Browne, J. L., Skinner, T. C. & Willaing, I., jun. 2018, I: Diabetes Research and Clinical Practice. 140, s. 139-147 8 s.

**Diabetes Distress and Glycemic Control in Working People with Type 1 Diabetes—The Role of Intentional Hyperglycemia at Work**

Willaing, I., Skinner, T. C. & Olesen, K., 2018, I: Diabetes. 67, Supplement 1

**Improving diabetes-related family functioning and mutual family involvement with co-created family dialogue tools**

Grabowski, D., Andersen, T. H., Olesen, K. & Willaing, I., 2018, I: Diabetic Medicine. 35, S1, s. 126-126 1 s., P293.

**Willingness to pay for flexible working conditions of people with type 2 diabetes: discrete choice experiments**

Nexo, M. A., Cleal, B., Hagelund, L., Willaing, I. & Olesen, K., 15 dec. 2017, I: BMC Public Health. 17, 1, s. 938

**Willingness to pay for flexible working conditions for people with type 2 diabetes**

Nexø, M. A., Cleal, B., Willaing, I. & Olesen, K., dec. 2017. 1 s.

**Non-disclosure of type 2 diabetes at work among Danish employees**

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**Family dialogue tools: how can healthcare professionals facilitate mutual involvement in families dealing with type 2 diabetes**

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**Characteristics associated with non-disclosure of Type 2 diabetes at work**

Olesen, K., Cleal, B., Skinner, T. & Willaing, I., aug. 2017, I: Diabetic Medicine. s. 1116-1119 3 s.

**Sense of Coherence is associated with LDL-cholesterol in patients with type 1 diabetes – The PROLONG-Steno study**

Olesen, K., Jensen, T. M., Diaz, L. J., Møller, A. C. L., Willaing, I. & Lyssenko, V., 1 jun. 2017, I: Journal of Clinical and Translational Endocrinology. 8, s. 1-5 5 s.

**Family focused diabetes education - How can healthcare professionals facilitate mutual involvement in families with T2D?**

Grabowski, D., Olesen, K. & Andersen, T. H., 2017.

**Higher health literacy is associated with better glycemic control in adults with type 1 diabetes: a cohort study among 1399 Danes**

Olesen, K., F Reynheim, A. L., Joensen, L., Ridderstråle, M., Kayser, L., Maindal, H. T., Osborne, R. H., Skinner, T. & Willaing, I., 2017, I: BMJ open diabetes research & care. 5, 1, s. e000437

**The effect of using interactive communication tools in adults with type-2 diabetes**

Akritidou, S., Husted, G., Kazakos, K. & Olesen, K., 2017, I: Nursing Reports. 7, 1, s. 6155-6158 2 s.

What does theory-driven evaluation add to the analysis of self-reported outcomes of diabetes education? A comparative realist evaluation of a participatory patient education approach

Pals, R. A. S., Olesen, K. & Willaing, I., jun. 2016, I: Patient Education and Counseling. 99, 6, s. 995-1001 7 s.

Willingness to pay for workplace accommodations for people with diabetes

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**Risk of depressive disorder following disasters and military deployment: systematic review with meta-analysis**

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**Does retirement reduce the risk of mental disorders? A national registry-linkage study of treatment for mental disorders before and after retirement of 245,082 Danish residents**

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**Psychosocial work conditions associated with sickness absence among hospital employees**

Suadicani, P., Olesen, K., Bonde, J. P. & Gyntelberg, F., okt. 2014, I: Occupational medicine (Oxford, England). 64, 7, s. 503-8 6 s.

**Occurrence of delayed-onset post-traumatic stress disorder: a systematic review and meta-analysis of prospective studies**

Utzon-Frank, N., Breinegaard, N., Bertelsen, M., Borritz, M., Eller, N. H., Nordentoft, M., Olesen, K., Rod, N. H., Rugulies, R. & Bonde, J. P., 1 maj 2014, I: Scandinavian Journal of Work, Environment & Health. 40, 3, s. 215-29 15 s.

**Does retirement reduce the risk of myocardial infarction? A prospective registry linkage study of 617 511 Danish workers**

Olesen, K., Rugulies, R., Rod, N. H. & Bonde, J. P., feb. 2014, I: International Journal of Epidemiology. 43, 1, s. 160-7 8 s.

**Job satisfaction and intention to quit the job**

Suadicani, P., Bonde, J. P., Olesen, K. & Gyntelberg, F., mar. 2013, I: Occupational medicine (Oxford, England). 63, 2, s. 96-102 7 s.

**The association between health and sickness absence among Danish and non-Western immigrant cleaners in Denmark**

Carneiro, I. G., Rasmussen, C. D. N., Jørgensen, M. B., Flyvholm, M. A., Olesen, K., Madeleine, P., Ekner, D., Søgaard, K. & Holtermann, A., 1 jan. 2013, I: International Archives of Occupational and Environmental Health. 86, 4, s. 397-405 9 s.

**Associations between psychosocial work environment and hypertension among non-Western immigrant and Danish cleaners**

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**Participation of Danish and immigrant cleaners in a 1-year worksite intervention preventing physical deterioration**

Rasmussen, C. D. N., Jørgensen, M. B., Carneiro, I. G., Flyvholm, M. A., Olesen, K., Søgaard, K. & Holtermann, A., 1 feb. 2012, I: Ergonomics. 55, 2, s. 256-264 9 s.

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**Health disparities between immigrant and Danish cleaners**

Jørgensen, M. B., Rasmussen, C. D. N., Carneiro, I. G., Flyvholm, M. A., Olesen, K., Ekner, D., Søgaard, K. & Holtermann, A., 1 aug. 2011, I: International Archives of Occupational and Environmental Health. 84, 6, s. 665-674 10 s.