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Family Medicine and Community Medicine
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Research

My research focuses on drug use and drug-related problems in the elderly. My thesis comprised studies on GPs' compliance to recommendations and on patients' knowledge about medications. Thereafter my research has covered different aspects of safety in elderly's drug use and methods to raise safety and quality in this area, especially in primary care and among frail patients.

Anställningar:

Specialistläkare allmänmedicin, Tåbelunds vårdcentral Eslöv 2010-
Universitetslärare, läkarprogrammet termin 11, 2012-
Äldregeneral, uppdrag på 30% för LäkeMedelsrådet Region Skåne 2013-
AVC-koordinator, Centrum för primärvårdsforskning, Malmö 2018-

Akademisk karriär:

Godkänd doktorsavhandling och disputation 2012-11-16 Oavlönad docent i ämnet allmänmedicin, Lunds universitet sedan 2020

Diplomering:

Specialistexamen i allmänmedicin genom Svensk Förening för Allmänmedicin, 2010
Certifierad läkare för att utföra tvärprofessionella läkemedelsgenomgångar Region Skåne, 2013

Vetenskaplig handledning:

*Huvudhandledare för:

Forskarstuderande och klinisk farmaceut Annika Dobszai 2021-
Forskarstuderande och klinisk farmaceut Katarina Wickman 2021-
Forskarstuderande och läkare allmänmedicin Sarah Thelin 2023 -

*Biträdande handledare för:

Forskarstuderande och läkare allmänmed Gabriella Caleres 2016-2020
Forskarstuderande och läkare allmänmed Amanda Björk Javanshiri 2022-

Övrigt:

*Ledamot i LäkeMedelsverkets Vetenskapliga råd för humanläkemedel sedan 2017.

*Medlem i Region Skånes LAG LäkeMedel Äldres hälsa sedan 2015.

*Representant för Svensk Förening för Allmänmedicin i styrgruppen för nationellt projekt Säker läkemedelsanvändning i primärvården, 2013-2017

*Upprepade nationella och regionala föreläsaruppdrag inom området Säker läkemedelsanvändning till äldre. (SKR, Medicinska Riksstämman, VG Region, Landstinget Blekinge, Region Halland, FoU Kronoberg samt återkommande inom Region Skåne)

*Deltagare expertgrupp avseende "Framtida insatser för en förbättrad läkemedelsanvändning hos äldre"
SBU/LäkeMedelsverket/Socialstyrelsen, 2016

Research outputs

Clinical impact of medication reviews for community-dwelling patients in primary healthcare

Dobszai, A., Lenander, C., Borgström Bolmsjö, B., Wickman, K. & Modig, S., 2023 Dec, In: BMC Primary Care. 24, 1, 259.

Development of the Swedish anticholinergic burden scale (Swe-ABS)

Rube, T., Ecorcheville, A., Londos, E., Modig, S. & Johansson, P., 2023 Aug 25, In: BMC Geriatrics. 23, 518.

Follow-up and screening for type-2 diabetes mellitus in women with previous gestational diabetes in primary care

Björk Javanshiri, A., Calling, S. & Modig, S., 2023, In: Scandinavian Journal of Primary Health Care. 41, 1, p. 98-103

Assessment of medication discrepancies with point prevalence measurement: how accurate are the medication lists for Swedish patients?

Modig, S., Caleres, G., Nymberg, V. M., Petersson, F., Lundstedt, L. & Lenander, C., 2022, In: *Drugs and Therapy Perspectives*. 38, 4, p. 185-193 9 p.

Pharmacist-led medication reviews in Primary Healthcare for adult community-dwelling patients – a descriptive study charting a new target group.

Wickman, K., Dobszai, A., Modig, S., Borgström Bolmsjö, B., Caleres, G. & Lenander, C., 2022, In: *BMC Primary Care*. 237.

Medications causing potential cognitive impairment are common in nursing home dementia units – A cross-sectional study

Hansen Kristensson, J., Zahirovic, I., Londos, E. & Modig, S., 2021, In: *Exploratory Research in Clinical and Social Pharmacy*. 3, 100054.

Self-assessment and subsequent external review as an effective model for improving drug use for elderly in primary care: A descriptive study of SÄKLÄK2

Skoog, J. & Modig, S., 2020 Aug, In: *Journal of Evaluation in Clinical Practice*. 26, 4, p. 1235-1241 7 p.

Medication Discrepancies in Discharge Summaries and Associated Risk Factors for Elderly Patients with Many Drugs

Caleres, G., Modig, S., Midlöv, P., Chalmers, J. & Bondesson, Å., 2020 Mar, In: *Drugs - Real World Outcomes*. 7, 1, p. 53-62 10 p.

An intervention model with self-assessment and subsequent multi-professional review might be effective and feasible to improve drug safety in primary healthcare. A survey-based evaluation of SÄKLÄK2.

Berg Skoog, J., Lenander, C. & Modig, S., 2020 Feb, In: *Journal of Evaluation in Clinical Practice*. 26, 1, p. 125-133 9 p.

A descriptive study of pain treatment and its follow-up in primary care of elderly patients after orthopaedic care

Caleres, G., Midlöv, P., Bondesson, Å. & Modig, S., 2020, In: *Journal of pharmaceutical health care and sciences*. 6, 10.

Medication errors in primary health care records; a cross-sectional study in Southern Sweden

Säfholm, S., Bondesson, Å. & Modig, S., 2019 Jul 31, In: *BMC Family Practice*. 20, 1, 110.

Elderly at risk in care transitions When discharge summaries are poorly transferred and used -a descriptive study

Caleres, G., Bondesson, Å., Midlöv, P. & Modig, S., 2018 Oct 11, In: *BMC Health Services Research*. 18, 1, 9 p., 770.

Kidney function and use of nonsteroidal anti-inflammatory drugs among elderly people: a cross-sectional study on potential hazards for an at risk population

Modig, S. & Elmståhl, S., 2018 Aug, In: *International Journal of Clinical Pharmacy*. 40, 4, p. 870-877

Drugs, distrust and dialogue: - a focus group study with Swedish GPs on discharge summary use in primary care

Caleres, G., Strandberg, E. L., Bondesson, Å., Midlöv, P. & Modig, S., 2018 Jul 25, In: *BMC Family Practice*. 19, 1, 127.

Tidsbrist största hindret för att utföra basal läke-medelsgenomgång. Enkätstudie till primärvårdsläkare i Region Skåne.

Nyhén, L. & Modig, S., 2017 Nov 10, In: *Läkartidningen*. 4 p.

Safer drug use in primary care - a pilot intervention study to identify improvement needs and make agreements for change in five Swedish primary care units

Modig, S., Lenander, C., Viberg, N. & Midlöv, P., 2016 Oct 4, In: *BMC Family Practice*. 17, 1, p. 1-10 10 p.

Läkemedel

Gagnemo Persson, R. & Modig, S., 2016, *Omvårdnad & medicin*. Ekwall, A. & Jansson, A. M. (eds.). 1 ed. Lund: Studentlitteratur AB, p. 125-138 13 p.

Medication reviews in primary care in Sweden: importance of clinical pharmacists' recommendations on drug-related problems.

Modig, S., Holmdahl, L. & Bondesson, Å. Å., 2015, In: International Journal of Clinical Pharmacy.

Depressive symptoms among frail elderly in ordinary living: who is affected and who is treated?

Modig, S., Midlöv, P. & Kristensson, J., 2014, In: Aging & Mental Health. 18, 8, p. 1022-1028

Frail elderly patients' experiences of information on medication. A qualitative study

Modig, S., Kristensson, J., Troein, M., Brorsson, A. & Midlöv, P., 2012, In: BMC Geriatrics. 12, 46.

GP's Adherence to Guidelines for Cardiovascular Disease among Elderly: A Quality Development Study.

Modig, S., Höglund, P., Troein, M. & Midlöv, P., 2012, In: The Scientific World Journal. 2012, 767892.

MANAGING DRUG USE IN THE ELDERLY. General practitioners' adherence to guidelines and patients' conceptions of medication

Modig, S., 2012, General Practice/Family Medicine, Clinical Sciences in Malmö.. 49 p.

The assessment of renal function in relation to the use of drugs in elderly in nursing homes; a cohort study.

Modig, S., Lannering, C., Östgren, C. J., Mölsted, S. & Midlöv, P., 2011, In: BMC Geriatrics. 11, 1.

Healthcare utilisation and knowledge concerning prescribed drugs among older people.

Kristensson, J., Modig, S., Midlöv, P., Rahm Hallberg, I. & Jakobsson, U., 2010, In: European Journal of Clinical Pharmacology. 66, p. 1047-1054

Frail elderly patients in primary care-their medication knowledge and beliefs about prescribed medicines.

Modig, S., Kristensson, J., Kristensson Ekwall, A., Rahm Hallberg, I. & Midlöv, P., 2009, In: European Journal of Clinical Pharmacology. 65, p. 151-155