

CURRICULUM VITAE

Personal Details

Name: Orly Tonkikh

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Higher Education

Period of Study	Name of Institution and Department	Degree
2016-2021	University of Haifa The Cheryl Spencer Department of Nursing, Faculty of social welfare and health sciences	PhD
2011-2014	University of Haifa The Cheryl Spencer Department of Nursing, Faculty of social welfare and health sciences	MA Summa Cum Laude
2007-2011	University of Haifa The Cheryl Spencer Department of Nursing, Faculty of social welfare and health sciences	BA, RN Summa Cum Laude
2004-2008	Technion, Israel Institute of Technology Department of Biology	BSc Cum Laude

Publications

M.A Thesis:

Risk factors for readmission in community dwelling older patients: an integrated model. Supervised by: Prof. Efrat Shadmi

PhD Thesis:

The 'Right Mix' for Hospitalized Older Adults: The Association between Nursing Skill-Mix, Patients' Case-Mix, Hospitalization Care Processes and Functional Outcomes. Supervised by Profs. Efrat Shadmi and Anna Zisberg.

Articles:

Tonkikh, O., Zisberg, A., Shadmi, E. Association between continuity of nursing care and older adults' hospitalization outcomes: retrospective observational study. *J Nurs Manag.* 2020;28(5):1062-9. doi: 10.1111/jonm.13031.

Tonkikh, O., Shadmi, E., Zisberg, A. Food-intake assessment in acutely ill older internal medicine patients. *Geriatr Gerontol Int.* 2019;19(9):890-5. doi: 10.1111/ggi.13744.

Gur-Yaish, N., **Tonkikh, O.**, Shadmi, E., Zisberg, A. Informal Support for Older Adults is Negatively Associated with Walking and Eating during Hospitalization. *Geriatr Nurs.* 2019;40(3):264-8. doi: 10.1016/j.gerinurse.2018.11.003.

Zisberg, A., **Tonkikh, O.**, Sinoff, G., Admi, H., Shapira, C., Gur-Yaish, N., Shadmi, E. Functional trajectories before, during and after acute hospitalization of older adults in internal medicine wards. *Harefuah.* 2018;157(1):5-10. [Hebrew].

Tonkikh, O., Zisberg, A., Flaks, N., Raby, Y., Balicer, R., Shadmi, E. Functional status before and during acute hospitalization and readmission risk identification. *J Hosp Med.* 2016;11(9):636-41. doi: 10.1002/jhm.2595.

- Zisberg, A., Sinoff, G., Agmon, M., **Tonkikh, O.**, Gur-Yaish, N., Shadmi, E. Even a small change can make a big difference: the case of in-hospital cognitive decline and new IADL dependency. *Age Ageing*. 2016;45(4):500-4. doi: 10.1093/ageing/afw063.
- Agmon, M., Zisberg, A., **Tonkikh, O.**, Sinoff, G., Shadmi, E. Anxiety symptoms during hospitalization of elderly are associated with increased risk of post-discharge falls. *Int Psychogeriatr*. 2016;28(6):951-8. doi: 10.1017/S1041610215002306.
- Zisberg, A., Shadmi, E., Gur-Yaish, N., **Tonkikh, O.**, Sinoff, G. Hospital associated functional decline: the role of hospitalization processes beyond individual risk factors. *J Am Geriatr Soc*. 2015;63(1):55-62. doi: 10.1111/jgs.13193.

Participation in Scholarly Conferences

- Tonkikh, O.**, Shadmi, E., Zisberg, A. Nurse Staffing Is Associated with Mobility and Food Intake in Older Hospitalized Patients. GSA 2020 Annual Scientific Meeting; Online (November 2020) [Poster]
- Zisberg, A., Rayan-Gharra, N., **Tonkikh, O.**, Shulyaev, K. Geriatrics and Gerontology MOOC to Improve Intention to Work with Older Adults and their Families. Innovations in Workforce Education for Family Caregiving; Virtual Summit (September 2020) [Poster]
- Tonkikh, O.**, Zisberg, A., Shadmi. Daily Mix of In-Patients at Risk for Pressure Ulcer Is Associated With Functional Outcomes. 2020 National Forum for State Nursing Workforce Centers and National Nurse-Led Care Consortium Annual conference; Virtual Nursing Conference (June 2020)
- Tonkikh, O.**, Zisberg, A., Shadmi. In-Hospital Nurse Care Continuity: Does It Matter? GSA 2019 Annual Scientific Meeting; Austin, Texas (November 2019) [Paper session chair]
- Tonkikh, O.**, Shadmi, E., Zisberg, A. Nursing Interpersonal Continuity of Care is Associated with In-Hospital Cognitive Decline. The 7th International Jerusalem Conference on Health Policy, Jerusalem, Israel (September 2019) [Poster]
- Tonkikh, O.**, Shadmi, E., Zisberg, A. Interpersonal Nursing Care Continuity: is it Associated with In-Hospital Cognitive Decline? International Association of Gerontology and Geriatrics European Region Congress 2019, Gothenburg, Sweden (May 2019) [Poster]
- Tonkikh, O.**, Zisberg, A., Shadmi, E. Food-intake stability and variability in acutely ill older adults hospitalized in internal medicine units. GSA 2018 Annual Scientific Meeting; Boston, Massachusetts (November 2018) [Poster]
- Gur-Yaish, N., **Tonkikh, O.**, Shadmi, E., Zisberg, E. Informal support for older adults: is it associated with hospitalization processes? GSA 2018 Annual Scientific Meeting; Boston, Massachusetts (November 2018) [Poster]
- Tonkikh, O.**, Shadmi, E., Flaks-Manov, N., Hoshen, M., Balicer, R. D., Zisberg, A. Pre- and within hospitalization risk factors for readmission of older adults. 18th International Conference on Integrated Care; Utrecht, Netherlands (May 2018)
- Tonkikh, O.**, Shadmi, E., Sinoff, G., Gur-Yaish, N., Admi, H., Zisberg, A. The 'right' mix for the hospitalized patient in general medicine wards: Does skill and case mix are related to functional outcomes. The 24th annual conference of the Israel Society for Quality in Medicine; Tel-Aviv, Israel (November, 2017) [Poster]

- Zisberg, Z., Sinoff, G., Gur-Yaish, G., **Tonkikh, O.**, Shadmi, E. Hospital acquired functional decline: the role of in-hospital processes beyond personal risk factors. The 21st International Association of Gerontology and Geriatrics (IAGG) world congress; San Francisco (July 2017)
- Shadmi, E., **Tonkikh, O.**, Sinoff, G., Oleg, Z., Zisberg, A. Team skill-mix and patient case-mix: are they related to hospitalization functional outcomes? The 21st International Association of Gerontology and Geriatrics (IAGG) world congress; San Francisco (July 2017)
- Tonkikh, O.**, Shadmi, E., Sinoff, G., Gur-Yaish, N., Zisberg, A. Does the Provider Skill-Mix and Patients' Case Mix Affect Hospitalization Outcomes? The 11th Annual Conference of the Israel National Institute for Health Policy Research; Tel-Aviv, Israel (May, 2017) [Poster - Outstanding Poster Award]
- Zisberg, A., Sinoff, G., Gur-Yaish, N., **Tonkikh, O.**, Shadmi, E. Does the Provider Skill-Mix Affect Functional Outcomes in Older Hospitalized Adults? The 21th Bi-annual Meeting of the Israeli Gerontology Society; Tel-Aviv, Israel (February, 2016)
- Shadmi, E., **Tonkikh, O.**, Zaslavsky, O., Sinoff, G., Gur-Yaish, N., Admi, H., Zisberg, A. The Effect of Acute Hospitalization on the Older Adult: The HoPE-FOR Model. The 21th Bi-annual Meeting of the Israeli Gerontology Society; Tel-Aviv, Israel (February, 2016)
- Tonkikh, O.**, Zisberg, A., Flaks, N., Raby, Y., Balicer, R., Shadmi, E. Identification of older adults at high risk for readmission: When and how? IAGG-ER 8th Congress; Dublin, Ireland (April, 2014)
- Tonkikh, O.**, Zisberg, A., Flaks, N., Hoshen, Y., Balicer, R., Shadmi, E. When and how we can identify elderly at high risk for readmission? "Before the hospitalization he was able to dress by himself": The desire to better hospitalization processes and outcomes for the elderly; University of Haifa, Israel (April, 2014)
- Tonkikh, O.**, Zisberg, A., Flaks, N., Raby, Y., Balicer, R., Shadmi, E. Rehospitalization among older adults: Does in-hospital functional change affect the rehospitalization risk? The 21st annual conference of the Israel Society for Quality in Medicine; Tel-Aviv, Israel (November, 2014) [Poster]
- Zisberg, A., Shadmi, E., Gur-Yaish, N., **Tonkikh, O.**, Sinoff, G. Hospital associated functional decline: the role of hospitalization processes beyond individual risk factors. GSA 2014 Annual Scientific Meeting; Washington, DC (November, 2014)
- Agmon, M., Armon, G., **Tonkikh, O.** Relationships between personality, mobility and dual-tasks performance among older adults. International society of posture and gait research (ISPGR); Vancouver, British Columbia, Canada (June, 2014) [Poster]
- Tonkikh, O.**, Zisberg, A., Flaks, N., Raby, Y., Balicer, R., Shadmi, E. A comprehensive model to evaluate rehospitalization risk factors among older adults. The 20th Israeli National Conference of Gerontology; Tel Aviv, Israel (January, 2014)

Scholarships and Awards

Year	Scholarship/Award	By
2019	Health Sciences Section Person-In-Training Award	The Gerontological Society of America (GSA)
2019	Scholarship for presentation at an international conference for doctoral students	Ministry of Science and Technology
2016-2019	Advanced studies scholarship for research students	The graduate studies Authority, University of Haifa
2014	A citation of honorable mention for outstanding theses	
2014	Completion of thesis grant	
2013	Annual scholarships for excellence in studies (MA)	
2012-2014	2-year scholarship for master's theses	The Israel National Institute for Health Policy Research
2008-2010	Annual scholarships for excellence in studies (BA)	University of Haifa

Reviewing for Refereed Journals

2018-current International Journal of Nursing Studies
 2018-current The Journal of Gerontology: Medical Sciences
 2020-current Applied Nursing Research

Invited Lectures

Year	Name of Forum	Place	Subject of Lecture
2019	Nursing Research Obstetrics and Gynecology division	Rambam Medical Center	Nursing research
2018	Nursing Obstetrics Research Committee	Rambam Medical Center	Fundamentals for data management

Additional Training

Year	Workshop	
2021	Atlas for qualitative analysis	Ben Gurion University
2020	Introduction to data science	University of Haifa
2020	Multilevel analysis	University of Haifa
2019	Propensity score matching	University of Haifa
2019	Causal inference	University of Haifa
2018	Introduction to mediation, moderation, and conditional process analysis, Andrew F. Hayes	University of Haifa
2016	R programming	Naya College, Israel
2015	Hierarchical models in behavioral sciences research	Technion
2013	Structural equation modeling, Mediation and moderation models, Hierarchical linear models	Inter Disciplinary Center (IDC), Herzliya
2013	Multiple linear regression	Technion
2012	Logistic regression	Technion

Professional Experience

2016- current	Clalit Research Institute	Research coordinator: - CC-MAP: Comprehensive Care for Multimorbid Adults Project (Prof. Efrat Shadmi, Prof. Ran Balicer, Calanit Key) <i>Responsibilities: data management and performance of data analysis</i>
2013- 2016	University of Haifa, Department of Nursing	Research coordinator: - The effects of organizational structure and quality of care on hospitalization outcomes in older adults (Dr. Oleg Zaslavsky, Dr. Anna Zisberg) <i>Responsibilities: Submissions to IRBs, generation of templates for data abstraction, supervision of data collection, data management, performance of data analysis</i>
2009- 2014	University of Haifa, Department of Nursing	Research assistant: - Hospitalization Process Effects on Functional Outcomes and Recovery (Dr. Anna Zisberg, Dr. Efrat Shadmi) <i>Responsibilities: In charge of data cleaning and management of a large (1000 persons, 7 point data collection) data base, performance of patient interviews collecting, performance of data analysis, support in the creation of academic publications</i> - Care Integration for Multimorbid Multicultural Populations (CIMMPL): Development of a framework for research (Dr. Efrat Shadmi) <i>Responsibilities: Assistance in submission of a grant to the European commission 7th Framework Programme, Marie Curie grant</i> -Disparities in nurses' work-force availability: the case of internal and external migration in Northern Israel (Dr. Anna Zisberg, Dr. Efrat Shadmi) <i>Responsibilities: In charge of data cleaning</i>
2009- 2014	University of Haifa, Department of Nursing	Teaching assistant (see details below): - TA for MA level courses - Research group counseling as part of advanced BA seminars - TA for large and small-group BA courses - Graduate level seminar on data management
2011- current	Rambam Healthcare Campus, Haifa, Israel	Registered nurse , Post-partum care unit <i>Responsibilities: Research committee</i>
2009- 2010	University of Haifa, Interdisciplinar y clinical center	Research assistant: Prenatal Psychology (Prof. Rivka Yahav) <i>Responsibilities: Performance of literature review</i>

TA courses:

Years	Name of Course	Type of Course	Degree	Number of students per year
2013, 2015, 2016, 2017, 2018	Graduate level seminar: Fundamentals for data management in Excel and SPSS	Workshop	MA, PhD	20
2010-2012	Evidence-based practice (Dr. Anat Drach-Zahavy, Dr. Efrat Shadmi)	Online seminar	MA	60
2010-2014	Quality measurement in healthcare (Dr. Efrat Shadmi)	Research seminar	BA	30
2011-2012	Care for the elderly: physiological, emotional and behavioral aspects (Dr. Anna Zisberg)	Research seminar	BA	20
2011-2012	Clinical reasoning in gerontology (Dr. Anna Zisberg)	Lectures	BA	20
2010-2014	Fundamentals of nursing (Dr. Efrat Shadmi)	Lectures	BA	100
2012-2014	Systemic issues in chronic morbidity care (Dr. Efrat Shadmi)	Lectures	MA	15
2010-2014	Management of care (Dr. Efrat Shadmi)	Lectures	BA	90

Membership in Professional Societies

2019	Sigma Theta Tau Omega Lambda Chapter
2018-current	International foundation for integrated care (IFIC) Community Member
2017-2019	Israeli Nursing Honor Society of the University of Haifa
2015,2019	The Israeli Association for Nursing Research
2017-current	The Gerontological Society of America