



Jacqueline Giovanna De Roza

Advanced Practice Nurse / Assistant Director of Nursing,
Nursing Services, NHG Polyclinics

Research Interests:

- Chronic Disease Management
- Care of Older Adults
- Primary Care Nursing
- Advanced Practice Nursing

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Biography

Jacqueline is an Advanced Practice Nurse (APN) and Assistant Director of Nursing at National Healthcare Group Polyclinics (NHGP). She completed her Bachelor of Health Science (Nursing) and Master of Health Science (Gerontology) at the University of Sydney and Singapore Institute of Management, Advanced Diploma in Nursing (Community Health) at Nanyang Polytechnic (NYP) and Master of Nursing at the National University of Singapore (NUS). She is a member of NHGP Geriatrics Specialty Advisory Group, NHGP Nursing Gerontology Community of Practice (CoP), NHG Population Health Frailty Ready Community & Primary Care Workgroup and the NHGP Nursing EBN & Research CoP. She is also a member of NYP Health and Social Sciences Advisory Committee (HSAC), NHG Cluster Committee of APN Competency (CCAC), Singapore Nursing Board Advanced Practice Nurse Training Committee and NUS Collaborative Practitioners Prescribing Programme (CP3) curriculum subcommittee.

Selected Publications

- Liu C, **De Roza J**, Ooi CQ, Mathew BK, Elya & Tang WE. Impact of patients' beliefs about insulin on acceptance and adherence to insulin therapy: a qualitative study in primary care. BMC Primary Care. 2022 January 20. <https://doi.org/10.1186/s12875-022-01627-9>
- Mathew BK, **De Roza JG**, Liu C, Goh LJ, Ooi CW, Chen E, Poon S & Tang WE. Which Aspect of Patient–Provider Relationship Affects Acceptance and Adherence of Insulin Therapy in Type 2 Diabetes Mellitus? A Qualitative Study in Primary Care. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy. 2022 Jan 26. <https://doi.org/10.2147/DMSO.S344607>

- Ding TYG, **De Roza JG**, Chan CY, Lee PSS, Ong SK, Lew KJ, Koh HL, Lee ES. Factors associated with family caregiver burden among frail older persons with multimorbidity. *BMC Geriatrics*. 2022 Feb 28; 22:160. <https://doi.org/10.1186/s12877-022-02858-2>
- **De Roza JG**, Ng DWL, Mathew BK, Jose T, Goh LJ, Wang C, Soh CSC, Goh KC. Factors influencing fear of falling in community-dwelling older adults in Singapore: a cross-sectional study. *BMC Geriatrics*. 2022 Mar 07; 22:186. <https://doi.org/10.1186/s12877-022-02883-1>
- **De Roza JG**, Ng DWL, Wang C, Soh CSC, Goh LJ, Mathew BK, Jose T, Tan CY, Goh KC. Impact of Perceived Safety and Barriers on Physical Activity Levels in Community-Dwelling Older Adults During the COVID-19 Pandemic in Singapore: A Cross-Sectional Mixed Methods Study. *Journal of Aging and Physical Activity*. 2022 Jul 12. <https://doi.org/10.1123/japa.2021-0184>
- Chan CY, **De Roza JG**, Ding GTY. *et al.* Psychosocial factors and caregiver burden among primary family caregivers of frail older adults with multimorbidity. *BMC Prim. Care* **24**, 36 (2023). <https://doi.org/10.1186/s12875-023-01985-y>
- Sze KP, Fong QW, **De Roza JG**, Lee ES, & Tan SY. Exploring Physicians' Perceptions of Digital Health's Impact on the Patient-Physician Relationship in the Primary Health Care Setting: Qualitative Descriptive Study. *J Med Internet Res* 2024;26:e53705 <https://www.imir.org/2024/1/e53705/> DOI: 10.2196/53705
- **De Roza JG**, Koh, DH & Goh, L. Impact of health beliefs and risk perception on willingness to undergo osteoporosis assessment among perimenopausal and menopausal women in primary care: a descriptive cross-sectional study. *BMC Prim. Care* 26, 150 (2025). 2025 May 09. <https://doi.org/10.1186/s12875-025-02847-5>
- Zhu X, Weng J, Lee ES, Chan FHF, Lim PX, Goh LJ, **De Roza JG**, Chen YC, Griva K. Psychological determinants of Health-Related quality of life in primary care patients with diabetic foot ulcers: a cross-sectional study in Singapore. *BJGP Open*. 10 September 2025; BJGPO.2025.0091. DOI: <https://doi.org/10.3399/BJGPO.2025.0091>
- **De Roza JG**, Goh LJ, Zhu X, Tjhin S, Lim EX, Li JJ, Ng PP, Lee MC, Chan CY, Chen YC. Factors associated with digital health literacy among adults with chronic conditions in primary care setting in Singapore: a descriptive cross-sectional study. *BMC Digital Health*. 2025 Dec 9;3(1):89. DOI: <https://doi.org/10.1186/s44247-025-00230-z>

Notable Research Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
NHG Clinician-Scientist Preparatory Programme (CSPP)	2021