

Documents

Atan, A.^a, Razak, M.S.A.A.^b, Fadzil, S.M.^c, Azmi, B.^d, Ruslan, R.^e

Assessing the Level of Reflective Practice and Critical Thinking Disposition among Nurses in Malaysia
(2024) *Malaysian Journal of Medicine and Health Sciences*, 20 (4), pp. 245-251.

DOI: 10.47836/mjmhs.20.4.30

^a Department of Professional Nursing Studies, Kulliyah of Nursing, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

^b IKONIK Eye Specialist and General Health Centre, Persiaran Jalil Utama, Bukit Jalil, Wilayah Persekutuan Kuala Lumpur, Kuala Lumpur, 57000, Malaysia

^c Sultan Ahmad Shah Medical Centre, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

^d Bahagian Pengurusan Latihan, Kementerian Kesihatan Malaysia, Wilayah Persekutuan Putrajaya 62675, Malaysia

^e Department of Critical Care Nursing, Kulliyah of Nursing, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

Abstract

Introduction: Reflective practice and critical thinking have become essential skills among nurses, as they face various challenges in their daily tasks. These skills help them to maintain high-quality nursing care in a dynamic healthcare system. In particular, reflective practice aids nurses to self-educate and stay motivated throughout the rough days in the hospital, whereas critical thinking among nurses improves their decision-making and problem-solving skills during those difficult situations. Thus, reflective practice and critical thinking among nurses are important for a safer healthcare environment and better overall quality of care. This study aimed to investigate reflective practice and critical thinking dispositions among nurses in Malaysia. Materials and methods: A cross-sectional descriptive study was conducted in one of the teaching hospitals in Malaysia using convenience sampling on 218 participants from different disciplines. The data was analysed using IBM SPSS Statistic 25. Results: Sociodemographic characteristics, including gender, education level, working experience, and working area, did not display statistically significant associations with either reflective practice or critical thinking disposition. Nonetheless, this study found that there was a moderate positive correlation between reflective practice and critical thinking disposition. Conclusion: The finding highlights that nurses engaging in reflective practice tend to exhibit a heightened inclination toward critical thinking. Thus, reflective practice should be further prioritised in the Malaysia nursing curriculum and professional development programmes by adopting appropriate and structured reflective practice frameworks to further cultivate critical thinking among nurses. © 2024 Universiti Putra Malaysia Press. All rights reserved.

Author Keywords

Critical thinking; Nurses; Nursing professional development; Reflection; Reflective practice

Funding details

International Islamic University Malaysia IUMRMCG20-058-0058

We sincerely thank all the participants for their cooperation. This study was supported by a research grant from the International Islamic University Malaysia (RMCG20-058-0058).

References

- Kataoka-Yahiro, M, Saylor, C.
A critical thinking model for nursing judgment
(1994) *J Nurs Educ*, 33 (8), pp. 351-356.
PMID: 7799094
- Ludin, SM.
Does good critical thinking equal effective decision-making among critical care nurses? A cross-sectional survey
(2018) *Intensive and Critical Care Nursing*, 44, pp. 1-10.
- Davari Dolatabadi, F, Ziaeirad, M.
The relationship between critical thinking and patient safety culture in the nurses
(2021) *3 JNE*, 10 (2), pp. 1-12.
- Pérez Rave, JI, Guerrero, RF, Correa Morales, JC.
Critical thinking and continuous improvement: a scientific text mining approach

(2022) *Total Quality Management & Business Excellence*, 33 (1-2), pp. 1-27.

- Chang, MJ, Chang, YJ, Kuo, SH, Yang, YH, Chou, FH.
Relationships between critical thinking ability and nursing competence in clinical nurses
(2011) *J Clin Nurs*, 20 (21-22), pp. 3224-3232.
Nov; Epub 2011 Mar 17
- Vaghee, S, Meshkin Yazd, A, Asgharipour, N, Ebrahimzadeh, S.
The effect of critical thinking training on nurses' job stress in psychiatric ward
(2014) *Journal of fundamentals of mental health*, 16 (61), pp. 12-21.
Mar 21
- Tong, LK, Au, ML, Li, YY, Ng, WI, Wang, SC.
The mediating effect of critical thinking between interest in learning and caring among nursing students: a cross-sectional study
(2023) *BMC Nurs*, 22 (1), p. 30.
Feb 3; PMID: 36737747; PMCID: PMC9895970
- Facione, PA.
(1990) *Critical thinking: A statement of expert consensus for purposes of educational assessment and instruction-The Delphi report*,
Millbrae, CA: California Academic Press. [Internet] [cited January 2021]
- Facione, PA.
(2020) *Critical thinking: What it is and why it counts*,
[Internet] [cited January 2021]
- Schunk, DH, Zimmerman, BJ.
(1998) *Self-regulated learning: From teaching to self-reflective practice*,
Guilford Publications
- (2018) *The reflective practitioner: Guide for doctors and medical students*,
[Internet] [cited January 2021]
- Almomani, E, Sullivan, J, Hijeh, M, Attallah, K.
The perceived relationship between reflective learning conversation and clinical reasoning skills amongst critical care and trauma nurses: A cross sectional parallel mixed method
(2021) *Nurse Education Today*, 105, p. 105044.
Oct 1
- Raterink, G.
Reflective Journaling for Critical Thinking Development in Advanced Practice Registered Nurse Students
(2016) *J Nurs Educ*, 55 (2), pp. 101-104.
Feb
- Yue, M, Zhang, M, Zhang, C, Jin, C.
The effectiveness of concept mapping on development of critical thinking in nursing education: A systematic review and meta-analysis
(2017) *Nurse education today*, 52, pp. 87-94.
May 1
- Koshy, K, Limb, C, Gundogan, B, Whitehurst, K, Jafree, DJ.
Reflective practice in health care and how to reflect effectively
(2017) *Int J Surg Oncology*, 2 (6), p. e20.
- Younas, A, Rasheed, SP, Sundus, A, Inayat, S.
Nurses' perspectives of self-awareness in nursing practice: A descriptive qualitative

study

(2020) *Nurs Health Sci*, 22 (2), pp. 398-405.

- Davey, BR, Byrne, SJ, Millear, PM, Dawber, C, Medoro, L.
Evaluating the impact of reflective practice groups for nurses in an acute hospital setting
(2020) *Australian Journal of Advanced Nursing, The*, 38 (1), pp. 6-17.
Dec
- Sundgren, MK, Millear, PM, Dawber, C, Medoro, L.
Reflective practice groups and nurse professional quality of life
(2021) *The Australian Journal of Advanced Nursing*, 38 (4), pp. 49-67.
Sep 1
- Tajvidi, M, Moghimi Hanjani, S.
The relationship between critical thinking and clinical competence in nurses
(2019) *Strides in Development of Medical Education*, 16 (1).
- Contreras, JA, Edwards-Maddox, S, Hall, A, Lee, MA.
Effects of reflective practice on baccalaureate nursing students' stress, anxiety and competency: An integrative review
(2020) *Worldviews on Evidence-Based Nursing*, 17 (3), pp. 239-245.
Jun
- Zaitoun, RA, Said, NB, de Tantillo, L.
Clinical nurse competence and its effect on patient safety culture: a systematic review
(2023) *BMC Nurs*, 22 (1), p. 173.
May 19
- (2004) *Raosoft sample size calculator [software]*,
Seattle (WA): Raosoft, Inc. (US). [Internet] [cited 20 January 2021]
- Priddis, L, Rogers, SL.
Development of the reflective practice questionnaire: preliminary findings
(2018) *Reflective Practice*, 19 (1), pp. 89-104.
- Hwang, SY, Yen, M, Lee, BO, Huang, MC, Tseng, HF.
A critical thinking disposition scale for nurses: short form
(2010) *Journal of Clinical Nursing [Internet]*, 19 (21-22), pp. 3171-3176.
Sep 8
- Ruslan, R.
(2013) *Critical thinking among nurses in Hospital Kuala Lumpur*,
University Putra Malaysia, [Undergraduate Final Year Project]. [University Putra Malaysia]
- Facione, NC.
Critical thinking assessment in nursing education programs: An aggregate data analysis,

Correspondence Address

Atan A.; Department of Professional Nursing Studies, Pahang, Malaysia; email: ashikin_a@iium.edu.my

Publisher: Universiti Putra Malaysia Press

ISSN: 16758544

Language of Original Document: English

Abbreviated Source Title: Malays. J. Med. Health Sci.

2-s2.0-85209675715

Document Type: Article

Publication Stage: Final

Source: Scopus

ELSEVIER

Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

 **RELX Group™**