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Teng, CL; Cheong, WC.; Idris, I.

Corresponding author:
Cheong Lieng Teng

tengcl@gmail.com

Author Affiliation:
IMU University.

ADMINISTRATIVE INFORMATION

Support - None.

Review Stage at time of this submission - The review has not yet started.

Conflicts of interest - None declared.

INPLASY registration number: INPLASY2025100028

Amendments - This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 9 October 2025 and was last updated on 23 December 2025.

INTRODUCTION

Review question / Objective What is the quantity and characteristics of publications on the referral process of Malaysian primary health care?

Background Patient referral is “the practice of sending a patient to another program or practitioner for services or advice which the referring source is not prepared to provide” (based on scope note from MeSH Descriptor Data 2025). The quantity and appropriateness of the referral depend on many factors such as the staff training, expertise, availability of services and patient expectations.

Rationale This study aims to document the number and characteristics of publications on patient referral concerning the Malaysian primary health care. These data will assist future research endeavour on this topic in Malaysia.

METHODS

Strategy of data synthesis We plan to search bibliographic databases for Malaysian studies that measured or discussed referral process in the Malaysian context. Bibliographic search using combinations of these terms: referral (may include patient referral, referral process, referral system, Referral and Consultation), primary health care (and its related terms) and Malaysia. All publications up to 31 December 2025 will be included.

Eligibility criteria Any publications with major mention of patient referral in the Malaysian healthcare system.

Source of evidence screening and selection An extensive literature search will be carried out on two electronic databases (PubMed, Scopus), and supplemented by a Google Scholar and grey literature search.

Data management References retrieved will be processed using citation manager Endnote 2025. Relevant data (number of publications, publication sources, author and institutions, main focus of publication) in the included studies will be extracted by a pair of investigators independently, to minimize potential bias and error as well as to resolve any disagreements.

Reporting results / Analysis of the evidence Descriptive only. If there are sufficient number of publications: may describe the publications on primary care to secondary/tertiary care referral and vice-versa.

Presentation of the results Descriptive only.

Language restriction English or Malay only.

Country(ies) involved Malaysia.

Other relevant information This systematic review will be prepared following PRISMA-SCR guidelines.

Keywords Malaysia; Referral and Consultation.

Dissemination plans Publication of manuscript in a journal.

Contributions of each author

Author 1 - Cheong Lieng Teng - Protocol preparation; literature search and management; statistical analysis; manuscript preparation.

Author 2 - Wen Chi Cheong - Protocol preparation; literature search and management; statistical analysis; manuscript preparation.

Author 3 - Iliza Idris - Protocol preparation; literature search and management; manuscript preparation.

Author Affiliation

Cheong Lieng Teng;1 Wen Chi Cheong;2 Iliza Idris3
Author 1 - Cheong Lieng Teng, Department of Family Medicine, IMU University, Seremban, Negeri Sembilan, Malaysia.

Email: cheonglieng_teng@imu.edu.my;

ORCID ID: 0000-0002-8165-0405

Author 2 - Wen Chi Cheong, Medical Student, IMU University, Seremban, Negeri Sembilan, Malaysia.

Email: 00000032044@student.imu.edu.my;

ORCID ID: 0009-0006-3337-422X

Author 3 - Iliza Idris, Family Medicine Specialist, Klinik Kesihatan Seremban 2, Jalan S2D8 City Centre, 70300 Seremban, Negeri Sembilan.

Email: iliza@moh.gov.my.

ORCID ID: 0000-0001-8679-0741