

A SCOPING REVIEW OF TAIWANESE MEDICAL EDUCATION RESEARCH: 2006-2016



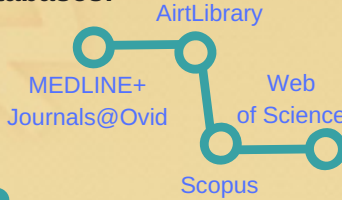
Chang Gung Medical Education Research Centre

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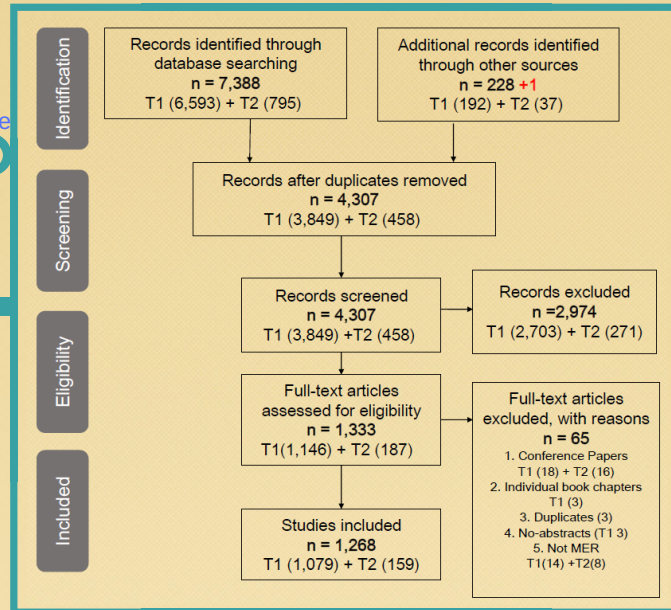
Introduction:

By way of preparing healthcare professionals for present and future challenges in medical education, this review aims to map the state of the MER literature originating from Taiwan

Databases:



Study Selection Process 2006-2016



Funding Sources:

- (1) National (n=340, 34%)
- (2) Local (n=180, 14%)
- (3) International (n=11, 2%)

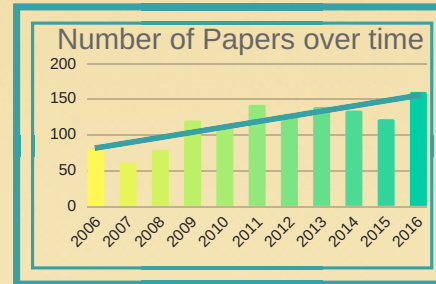
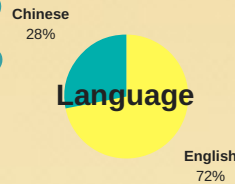
Methods:

Inclusion criteria:

1. Scientific papers(2006-2016)
2. Taiwan authors/ foreign affiliates with Taiwanese institution,
3. English/ Chinese language

Coding Software:

Atlas.ti



Studied Populations:

- (1) Nursing (n=519, 41%)
- (2) Medical (n=389, 31%)
- (3) Other (SP/ Tutors) (n=53, 4%)
- (4) Other healthcare (n= 24, 2%)
- (5) Mixed (n=77, 6%)
- (6) Not Relevant (n=206, 16%)

Six Research Purpose

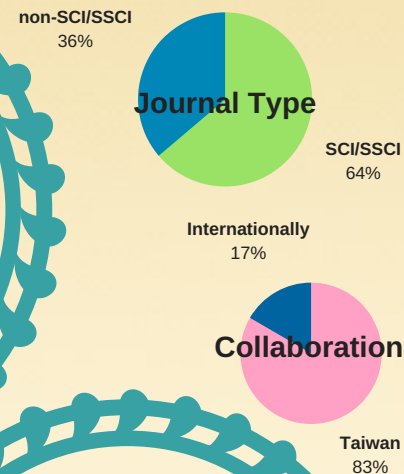
- (1) Advance Theory/ Knowledge (n=491, 39%)
- (2) Course/Curriculum evaluation (n=379, 30%)
- (3) To describe policy/regulation (n=105, 8%)
- (4) Assessment tool evaluation (n=84, 7%)
- (5) To develop policy/regulation (n=64, 5%)
- (6) Understanding current provision (n=62, 5%)

Eight content themes

- (1) Instructional teaching/ learning methods/ content (n=379; 30%),
- (2) Professionalism/ interprofessionalism/ leadership (n=367; 29%),
- (3) Curriculum design research (n=341; 27%),
- (4) Personal aspect (n=313, 25%),
- (5) Outcome for practice (n=200; 16%),
- (6) National administration and organizational research (n=170; 13%),
- (7) Assessment feedback/ remediation process research (n=155; 12%)
- (8) Research method and methodologies and theories (n=15; 1%).

Findings:

1,268 papers were included in the review. Study characteristics were identified (see graphs). A content analysis identified: six research purposes and eight content themes.



Conclusion:

We have been able to identify current gaps and trends in the literature linking these to MER internationally. This work also provides an insight into the effect of MER funding both quality and quantity of publications.