

Incorporation of Resource Stewardship into the University of Manitoba Undergraduate Medical Education Program

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GOALS

- To promote a bottom up cultural shift in the stewardship of healthcare resources
- To incorporate resource stewardship principles and Choosing Wisely Canada recommendations into the medical school curriculum
- To assess baseline knowledge and attitude towards resource stewardship and determine the change after the implementation of the curriculum

BASELINE DATA

(Max Rady College of Medicine, University of Manitoba)

- 71% of medical students have not received formal training about resource stewardship
- 68% of medical students are interested in learning more about resource stewardship
- 70% of medical students feel that physicians are in the best position to address the problem of unnecessary tests and treatments

Project

Goal

Acknowledging the need for enhanced resource stewardship training in medical school, the authors collaborated to incorporate principles of resource stewardship and Choosing Wisely Canada (CWC) recommendations into the Undergraduate Medical Education (UGME) pre-clerkship curriculum at the University of Manitoba.

Implementation

The team analyzed the UGME pre-clerkship curriculum to determine the extent of resource stewardship training, identified opportunities to enhance such training, and developed appropriate

learning materials that focused on the principles of resource stewardship and CWC recommendations. The curriculum consisted of readings, interactive lectures, team-based learning sessions, and online modules. To date, the general principles of resource stewardship and over 120 CWC recommendations have been integrated throughout the UGME pre-clerkship curriculum.

Measures

An online survey was conducted to assess the first and second year students' baseline knowledge and attitude towards resource stewardship at the beginning of the academic year in

September, 2016. To assess the impact of the changes to the curriculum, a follow up survey will be conducted at the end of the academic year in May, 2017.

Challenges

One challenge experienced during the project was the complexity of identifying the most appropriate locations (e.g. lectures, tutorials) to enhance or add resource stewardship training. This challenge was overcome by collaborating with the Pre-Clerkship Curriculum Committee, as well as individual course directors, to utilize their clinical expertise and in-depth understanding of the curriculum.

Lessons Learned

There is a need to develop enhanced learning opportunities of resource stewardship in medical school. This training would help to foster awareness amongst medical students and to encourage them to develop such evidence-based skills that they can use throughout their training and career.

Have you had any formal training about healthcare resource stewardship?

