

M-1448 Evaluation of a Danish pharmacist student-physician medication review collaboration model

Background: Interprofessional collaboration between pharmacists and physicians to conduct joint Home Medication Reviews (HMR) is important for optimizing the medical treatment of poly-pharmacy patients. Collaboration has proved difficult to achieve. The HMR program “Medisam” was launched in 2009. The program is special as it involves patients, pharmacy internship students, the (pharmacist) tutors of the pharmacy students and physicians.

Purpose: The aim of this study was to evaluate if the Medisam program is an effective way to induce HMR collaboration between pharmacy internship students and physicians as a mean to develop HMR collaboration between trained pharmacists and physicians.

Methods: Semi-structured interviews about existing collaboration were conducted with pharmacy internship students along with their tutors; and physicians partners. The theoretical framework forming the analyses was derived especially from works of Bradley et al., and Snyder et al. on pharmacists/ physician collaboration regarding: trustworthiness, role specification and professional interaction Ten matching pairs of student-physician collaboration were studied across Denmark.

Findings: Collaboration had been obtained for the majority of interviewees. However, students expressed the need of a more interaction with physicians but were found hesitant to discuss this in open. Written collaboration contracts did not ensure role specification. Developing trustworthiness through mutual professional interdependence by students being recognized by physicians to contribute to improved patient outcomes, was limited.

Conclusion: Some challenges to collaboration were identified thereby questioning whether the Medisam program is an effective way to enhance HMR collaboration between educated pharmacists and physicians. Solutions to the identified challenges include students and their pharmacist tutors to find ways to present their collaborative needs to physicians and for students to illustrate more explicitly the benefits patient achieve if physicians implement the recommendations of students.

Location of Primary Work: Denmark

