

Title: Pharmaceutical care clinic service: pharmacist's role and impact

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By: FU, Shu-Ching (Changhua Christian Hospital, Department of Pharmacy)

Co-author(s): Shu-Ching Fu, ()

Abstract:

BackgroundTo optimize medication therapy, besides correct prescription of physicians and correct dispensing of pharmacists, we also rely on patients taking their medication correctly.**Methods**We used MMAS-8 (Morisky 8-Item Medication Adherence Questionnaire) to evaluate patient compliance. This study included a total of 944 patients during January to June, 2017. The criteria for the screening of patients are (1) age between 30 to 80 years old, (2) visited more than two different medical specialists and (3) took more than 10 items of medicines. We used the PharmaCloud System established by Taiwan National Health Insurance Administration to review their current drug profile, provided medication education base on their need, and send those information to physicians to adjust the prescription.**Results**On the MMAS-8 evaluation, the number of patients who received a score of 0, 1 to 2, and higher than 2 were 665(70.4%), 155(16.4%), and 124(13.1%) respectively. There were 177 patients (18.8%) identified with DRPs.91of them, their DRPs needed pharmacist's further contact with physicians. Physicians accepted recommendations and adjust the prescription in 62 cases. Among them, 36 patients reduced the amount of medications and 26 patients either changed or increased their medication to adapt to their conditions.**Conclusion**Through such care model, pharmacist can be a bridge between outpatients and physicians, improve medication safety and truly implement patient-centered pharmacy care.