

##C575136 : MAJOR PHARMACY

KEY WORD: QUALITY ASSURANCE/DIABETIC PATIENT/HYPOGLYCEMIC DRUG

USA SAMOSORN : QUALITY ASSURANCE FOR HYPOGLYCEMIC DRUGS UTILIZATION  
IN DIABETIC OUTPATIENT. THESIS ADVISOR : ASSO. PROF. PRAPAPUCK  
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The objective of this study was to implement the suitable model for assuring the appropriate utilization of hypoglycemic drugs in diabetic outpatients and study the outcome of this model. The study was done during May 1, 1993-Jan. 31, 1994 in 111 diabetic outpatients of Nakhonayok Hospital. From these patients, 303 times of quality assurance for hypoglycemic drugs utilization were studied. The results show that this model could detect 2.6% of prescribing errors and 14.5% of dispensing errors. These errors were treated before the patients received their drugs. Also, 247 problems of non-compliance and 115 adverse drug reactions were found, and subsequently corrected. Hence, it could reduce non-compliance and severe adverse drug reaction problems significantly. Although these study results were expected to improved therapeutic outcome in diabetic patients however, other associated factors should be considered.

The outcome of this model has been satisfied because of its ability to detect and correct problems in drug use process with a minimal cost. As the personnel attitude was concerned, most of involved persons were favourable with the appropriateness and benefit of this model. The continuity of this drug quality assurance has been suggested.