

Title: Trends, Use, Effectiveness, and Safety of Diabetes and Obesity Medications

Abstract:

Rates of obesity and diabetes continue to rise, contributing to excess morbidity and mortality. Understanding medical treatments for both diseases should help physicians and patients choose appropriate individualized regimens. With the increase in number of oral diabetes medications and recent controversy over adverse drug effects (specifically rosiglitazone and ischemic risk), knowing the comparative effectiveness and safety of these drugs is critical. While these new diabetes treatments increase, primary care providers continue to intensify diabetes regimens less often than indicated, contributing to poorer diabetes outcomes. Learning which factors are associated with treatment intensification will allow us to target areas for quality improvement.

In this seminar, we will review the comparative effectiveness and safety of oral diabetes medications (pre-Januvia), discuss factors we found to be associated with treatment intensification for hyperglycemic diabetics among primary care providers in Maryland, and discuss trends, use, and potential contraindications to obesity reduction prescription use among an insured cohort from 2 states.