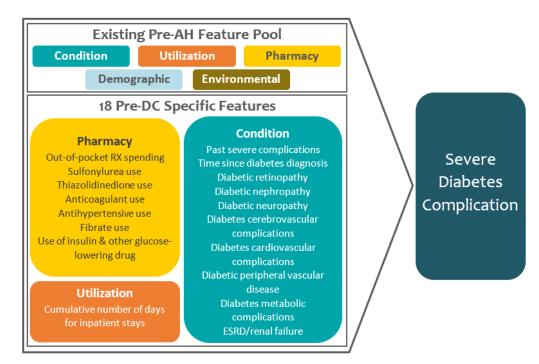
## The Hilltop Institute The Hilltop Pre-DC Model™: Severe Diabetes Complications

**Purpose:** The Hilltop Pre-DC Model<sup>™</sup> - which generates the rankings for the Severe Diabetes Complications (Pre-DC) scores - is designed to facilitate the active management of type-2 diabetes by estimating individuals' risk of incurring inpatient admissions or emergency department (ED) visits for severe diabetes complications. The Pre-DC Model provides risk scores and reasons for risk for all attributed beneficiaries of Maryland Primary Care Program (MDPCP) practices every month to help care teams proactively identify high-risk individuals and allocate scarce care management resources.

**Outcome:** The Hilltop Pre-DC Model<sup>™</sup> predicts risk for an inpatient hospitalization or ED visit due to severe complications of type-2 diabetes in the next month across six domains of complications: ophthalmic/retinopathy; nephropathy; cerebrovascular; cardiovascular; peripheral vascular; metabolic.

**New Risk Factors:** In addition to the 204 risk factors already included in the Hilltop Pre-AH Model<sup>™</sup>, the Hilltop Pre-DC Model<sup>™</sup> will include 18 new risk factors engineered specifically for this model. These risk factors were created using administrative claims data and have been shown to predict severe complications of type-2 diabetes in previously published work.

For more information on the tool, visit the MDPCP "practice information" webpage.





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