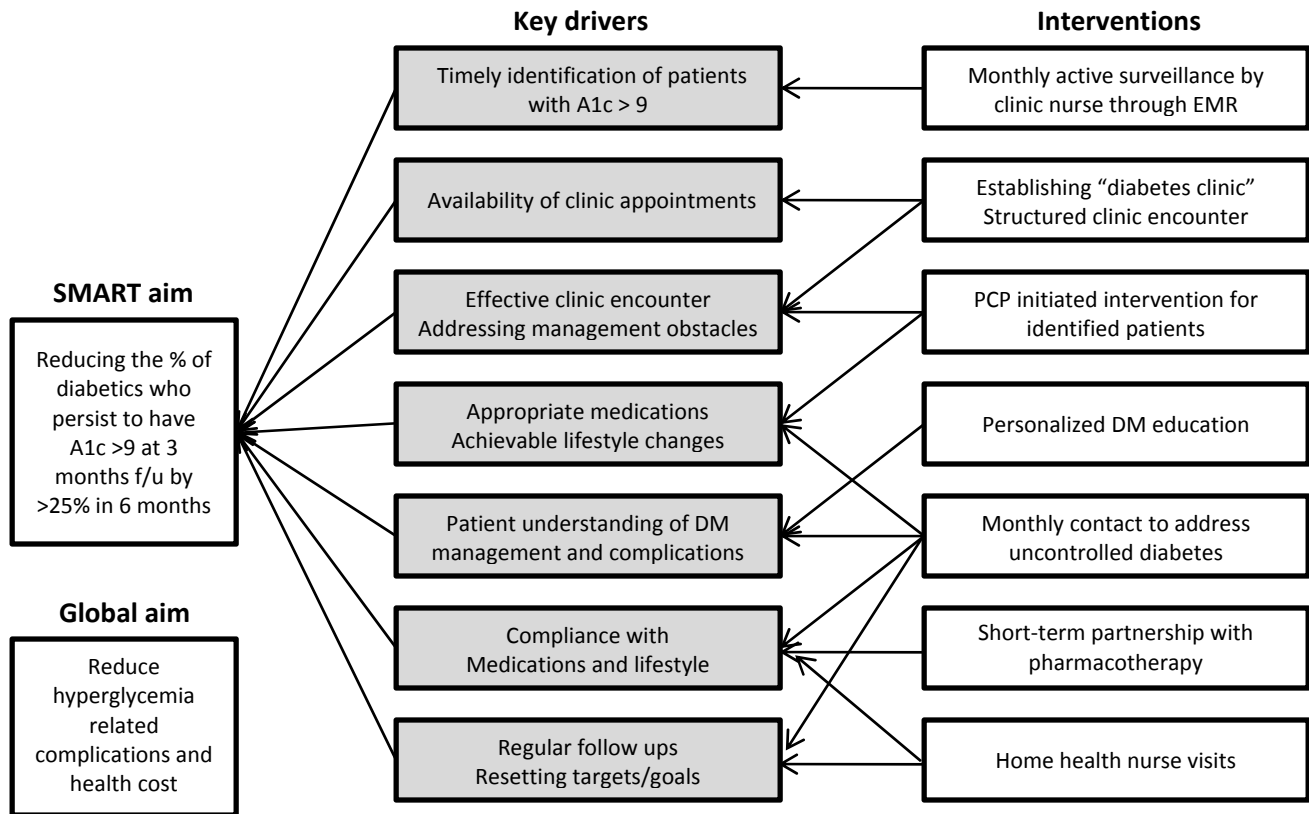**Supplemental Digital Figure 1**

Key driver diagram for uncontrolled diabetes, from a QI work group of internal medicine residents, University of Cincinnati Medical Center, 2010-2011. The key drivers for uncontrolled diabetes were identified considering the patient and the system factors. Potential interventions were proposed in a meeting between residents, nurses, dietician, and pharmacotherapist for these key drivers. Abbreviations: QI = quality improvement; DM = diabetes mellitus; EMR = electronic medical record; PCP = primary care physician.

Supplemental Digital Table 1

Baseline Comparison of Participating Groups of Internal Medicine Residents in a Resident Diabetes QI Group, University of Cincinnati Medical Center, 2010–2011

Category	Intervention group	Control group	*P*-value
No. of resident-physicians	6	9	--
No. of patients with UDM	61	92	--
Mean no. of patients with UDM per resident ($\pm$SD)	10.17 ($\pm$3.8)	10.33 ($\pm$3.3)	.93
Median (range) patients with UDM per resident	10 (5–15)	10 (5–15)	--
No. of UDM per resident not seen for > 3 months	3	2.22	.48
No. of UDM per resident not seen for > 6 months	2.5	1.67	.36

Abbreviations: QI = quality improvement; UDM = uncontrolled Diabetes Mellitus with HbAlc >9.