CV WIZARD: Does a Prioritized, Point-of-Care Clinical Decision Support Tool Improve Guideline-Based CVD Risk Factor Control in Safety Net Clinics?

WHAT WILL WE DO?
CHR will partner with the OCHIN network of safety net clinics and with HealthPartners, a health care system in Minnesota, to implement and test a promising point-of-care clinical decision support tool called CV Wizard. CV Wizard runs each patient’s data through an algorithm based on current care guidelines, and provides an individualized, prioritized summary of cardiovascular disease (CVD) risk. It also offers relevant, guideline-based care recommendations. This tool will enable providers and patients to prioritize needed changes to reduce CVD risk.

We’ll assess whether CV Wizard improves CVD risk factor control among the diverse and largely un- or under-insured populations served by community health centers, where rates of CVD risk factor management are lower than among insured populations.

We will study this tool’s effectiveness, and its use, in 60 community health centers. We will also explore barriers to use of the tool through a qualitative assessment.

WHAT DIFFERENCE WILL THIS STUDY MAKE?
Electronic Health Record systems, and all the patient data in them, represent a huge opportunity. With this study, we may be able to realize some of the potential of electronic health records to improve the quality of patient care. Ultimately, we hope the CV Wizard tool will lead to better CVD risk factor control for patients who receive care at community health centers.