CLINCH-IT | Clinical Information Needs of CHCs for HIT

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We propose to identify clinicians’ and clinical teams’ information needs for providing coordinated care to patients with complex needs, including their need for information on patients’ social determinants of health. This work will take the critical step of identifying a set of design principles or criteria to inform the development of health IT that effectively addresses these information needs, with an emphasis on information needed when coordinating care for complex patients.

Potential Impact

The proposed study directly addresses PA 11-198, which asks for research that elucidates “the nature of cognition, task distribution, and clinical work in various health care delivery settings…” and addresses “current knowledge gaps regarding our understanding of health care providers’ information needs and health care decision making processes, both individually and collectively.” This study directly speaks to the PA’s goals by identifying: clinicians and clinical care teams’ information and decision making needs when coordinating care for complex patients (Aim 1), and their information needs regarding patients’ social determinants of health (Aim 2), and identify design principles and develop health IT tools to meet these needs (Aim 3).