
CAMILLE VAUGHAN,
ANN VANDENBERG,
MELISSA STEVENS

camille.vaughan@emory.edu,
avanden@emory.edu,
mbsteve@emory.edu

Required Skills:

(List skills needed) – No Preference

Preferred Team Communications:

Conference Call, Skype

Data Sources:

Generic data could be used if the data include patient age, prescriber, and prescription details (drug name, quantity, instructions for use)

Other Items:

Project has time zone flexibility. Mentors and students will determine a good time for virtual meeting

Team Info:

Needs a Developer, Tester, Project Manager. Allows one team of 4-6 members.

EQUIPPED

EQUIPPED (Enhancing Quality of Prescribing Practices for Older Adults Discharged from the Emergency Department) is an innovative quality improvement initiative designed to reduce potentially inappropriate medication prescribing to adults aged 65 years and older in the setting of the ED. EQUIPPED comprises three interventions that all address the Patient Safety Research Framework promoted by AHRQ: a) provider education via didactic education and journal club; b) electronic clinical decision support via specialized geriatric pharmacy order sets and links to online educational content at the point of prescribing; and c) academic detailing including audit and feedback and peer benchmarking. EQUIPPED is informed by the Beers Criteria, which are widely used by government agencies and supported by research in various settings as a marker of prescribing quality. EQUIPPED is currently underway in 11 Veterans Affairs EDs under the leadership of Drs. Vaughan and Stevens and a multidisciplinary team including geriatricians, emergency medicine providers, pharmacists, nurses, and gerontologists. EQUIPPED implementation sites consistently demonstrate a relative reduction in the use of potentially inappropriate medications by nearly 50% at 6 months.

PROJECT OBJECTIVES

Develop a FHIR app that provides clinical decision support to promote prescription of safe alternatives to medications that are considered potentially inappropriate for older adults based on the American Geriatrics Society Beers Criteria.

Develop a FHIR app that will give individual prescribing audit and feedback data to providers based on evaluation of monthly prescribing data with peer comparison, if available.

SUCCESSFUL PROJECT

To Be Discussed

Intellectual Property: None