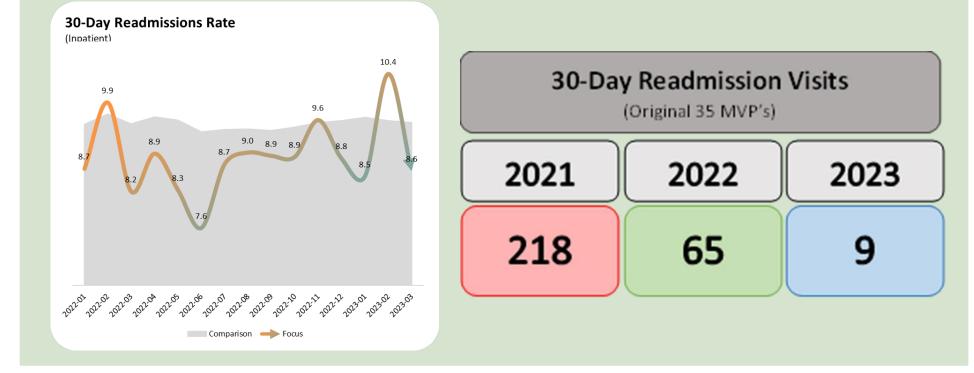
Acute Care Resource Utilization: Management of Multivisit Patients



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Problem & Importance

As we continue to strive for delivery of high-quality care in the setting of efficiency, successful transitions out of the hospital are imperative. With our readmission performance unfavorable, a root cause analysis was conducted to understand what the key drivers were. Through an EMR based intervention, EW Sparrow Hospital was able to decrease the need for hospitalization in patients who had previous trends of high utilization (10+ admissions in the prior rolling 12 months), leading to increased quality of life for patients while driving down readmission rates and overall acute care utilization.



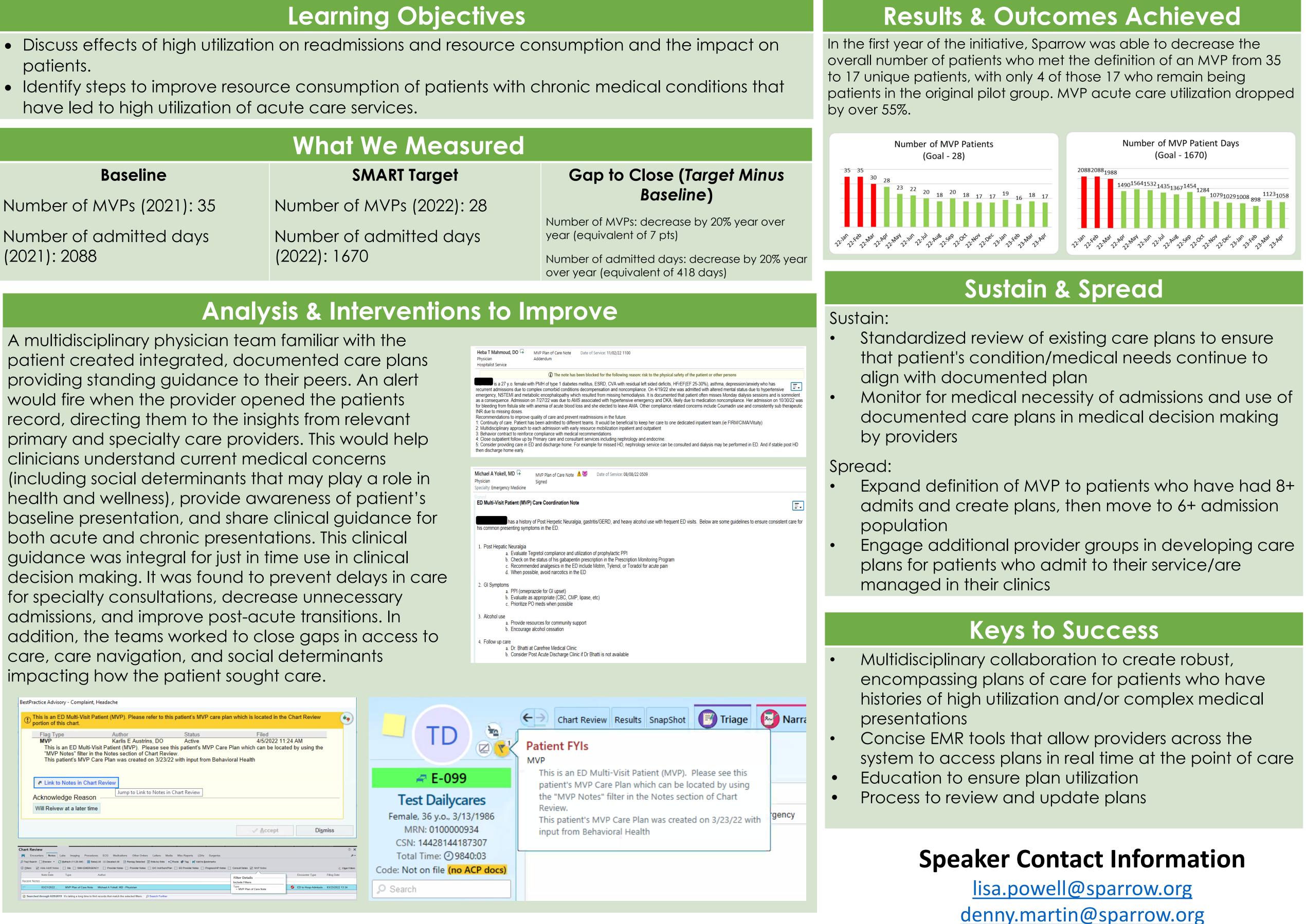
Understanding the Current State

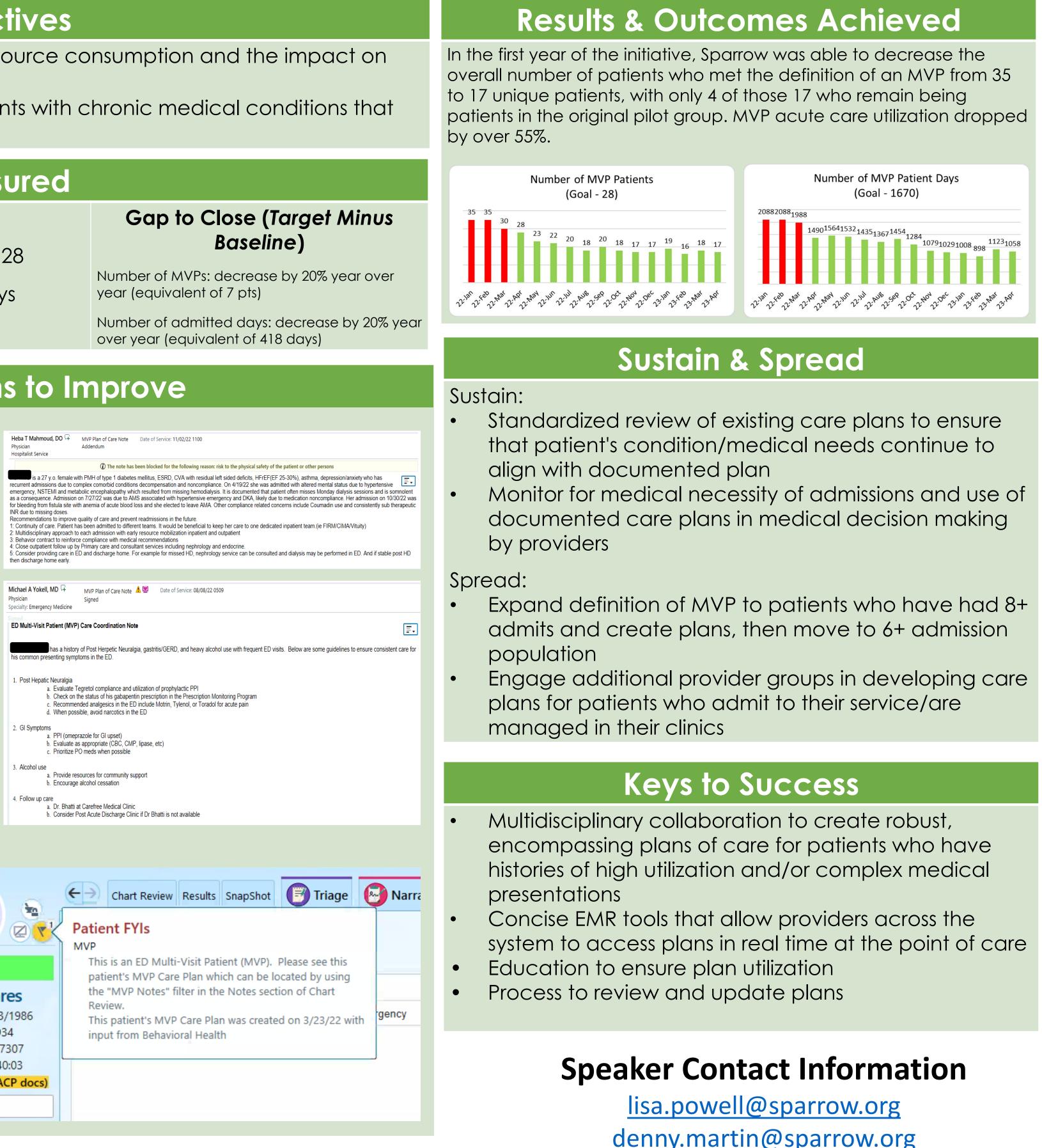
Sparrow Hospital began to analyze its utilization/readmissions data from several different approaches, one being by individual patient. Through this, we learned that in 2021 a significant portion of our utilization/readmission rate was being driven by a small number of individuals. It was at that point that we began to filter our data in different ways to look at patients who had ten or more inpatient or observation admissions in the prior year. After a root cause analysis of indication for multiple admissions, the data was analyzed for trends in admitting diagnosis, payer, social determinants, and other variables that may provide insight into addressing the specific reason driving high utilization. In response to what was learned through multiple rounds of applying various types of segmentation and filters, the team developed a strategy that required minimal resources to improve longitudinal management of these patients, regardless of where they presented in our system or who was on service.

patients.

Number of admitted days (2021): 2088

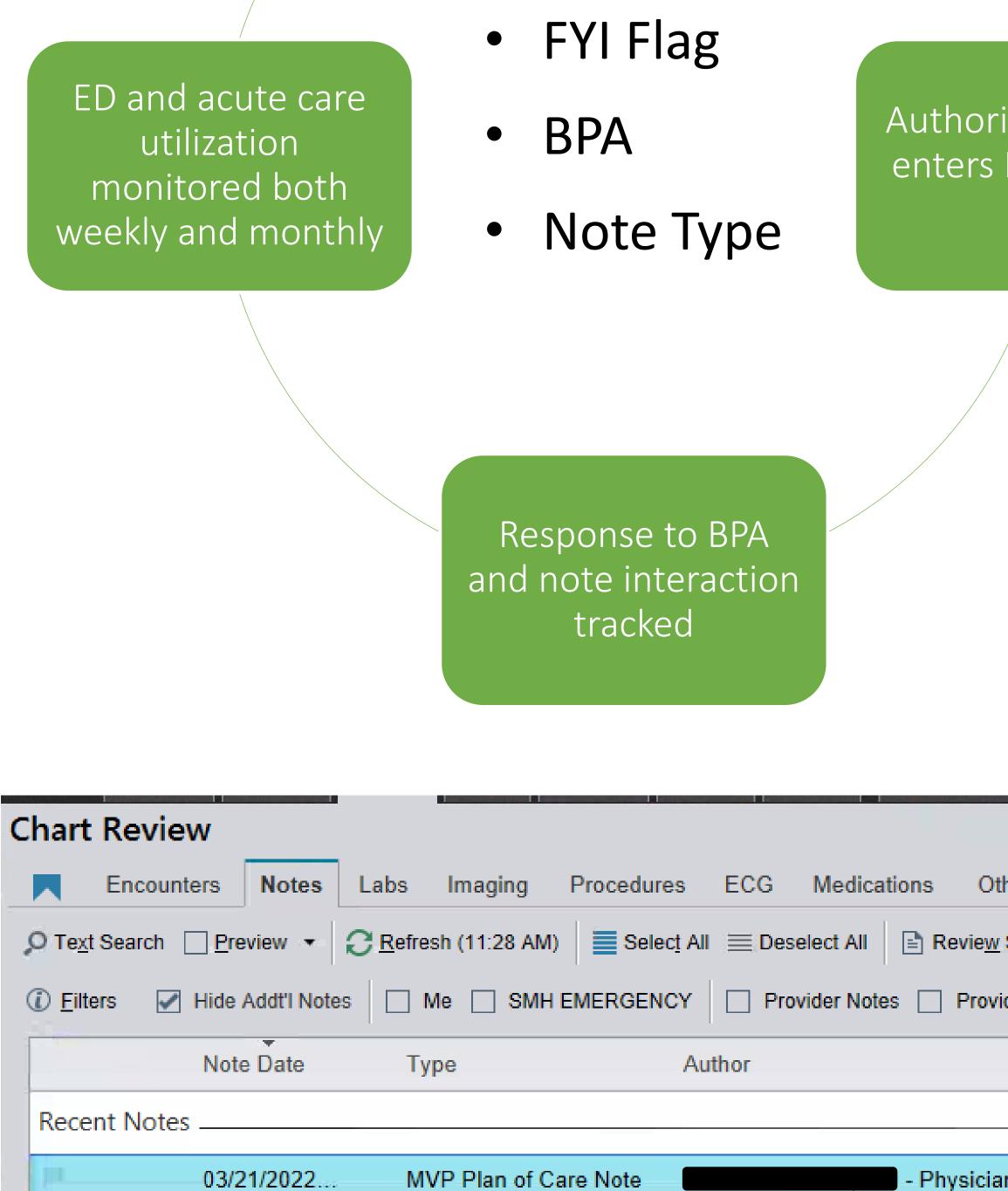
A multidisciplinary physician team familiar with the patient created integrated, documented care plans providing standing guidance to their peers. An alert would fire when the provider opened the patients record, directing them to the insights from relevant primary and specialty care providers. This would help clinicians understand current medical concerns (including social determinants that may play a role in health and wellness), provide awareness of patient's baseline presentation, and share clinical guidance for both acute and chronic presentations. This clinical guidance was integral for just in time use in clinical decision making. It was found to prevent delays in care for specialty consultations, decrease unnecessary admissions, and improve post-acute transitions. In addition, the teams worked to close gaps in access to care, care navigation, and social determinants impacting how the patient sought care.







Multidisciplinary team meets to develop real time clinical guidance



(i) Searched through 6/29/2019 It's taking a long time to find records that match the selected

Process + Lav Decrease	yered EM e in Acute
rized provider 5 MVP note in EMR	Code: Not on file (no ACP)
BestPractice Advisory - Complaint, Headache This is an ED Multi-Visit Patient (MVP). Please portion of this chart. Flag Type Author MVP This is an ED Multi-Visit Patient (MVP). Pl "MVP Notes" filter in the Notes section of C This patient's MVP Care Plan was created Link to Notes in Chart Review Acknowledge Reason Will Reivew at a later time	Status , DO Active lease see this patient's MVP Care Chart Review.
Other Orders Letters Media Misc Reports LDAs Surge M Selected Side-by-Side Image: Route Tag Image: Add to Bookmarks vider Notes D/C Inst/Sum/Plan ED Provider Notes Progress/	
an d filters. O Search Further	Filter Details Include Filters Type MVP Plan of C

IR Tools = Significant Care Utilization

