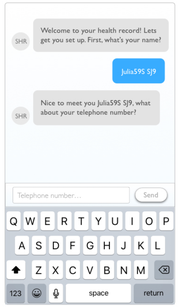
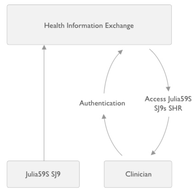
# MITRE **SHR USE CASE STORYBOARDS v02**
06.OCT.16

The following are use cases describing the conceptual idaes and vision of how the SHR may be used in the future. A strong emphasis is on the concept of patient data ownership and access to health information.

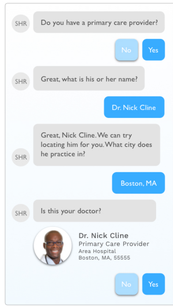
## USE CASE 1: Patient opens the SHR for the first time and establishes an ID




1 Conversational UI protocol gathers basic patient information

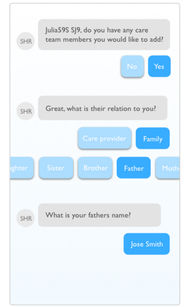



2 Patient ID information is stored in an HIE, and medical providers are able to access that information at a later time

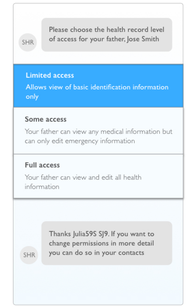



3 Conversational UI asks the patient for information on their PCP

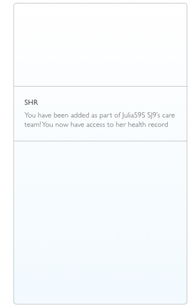
4 The next time the PCP logs into their HIE, they are notified of their addition to the patients SHR



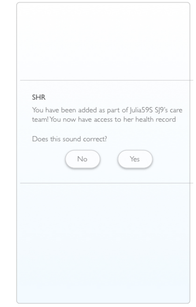

5 SHR asks the patient for basic information on any care team members they would like to add



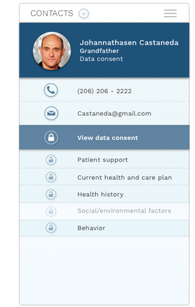

6 SHR permission and consent is specified for each care team member




7 Those members are notified via text or phone that they have ben added as care team members

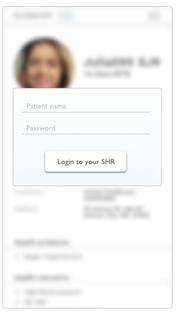



8 The members validate their addition to the patients SHR

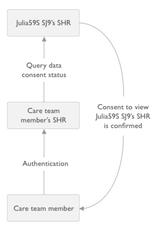



9 Once contacts have been validated, the patient assigns extent of view or edit options for each care team member (sections such as patient ID are able to be viewed by all, by default)

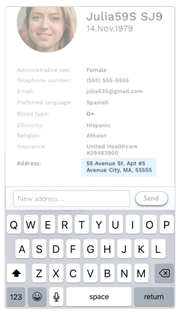
## USE CASE 2: Care team member updates basic information via SHR




1 Care team member opens patient SHR

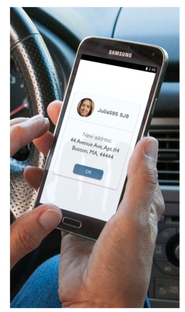



2 Authenticates user and returns portions of the SHR that the care team member is authorized to view/ edit as determined by the patient

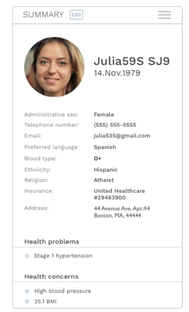



3 Care team member updates address information for the patient

4 The patient is notified of the change



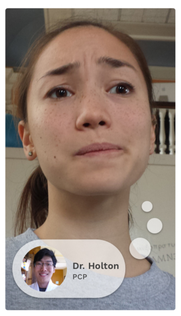
5 The change is authorized by the patient



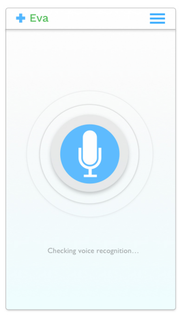

6 The SHR is updated

## USE CASE 3: Patient self-assessment using conversational UI (text)

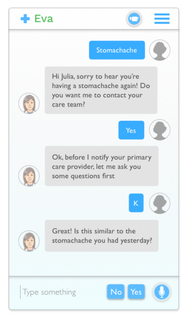
1 Patient is at home and notices a symptom



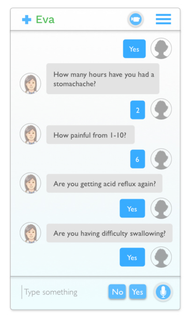

2 Patient decides to contact care team



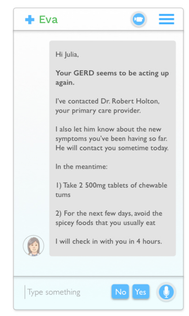

3 Authentication to enter SHR



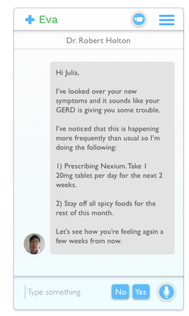

4 Contact the care team



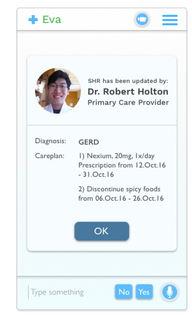

5 The patient answers a series of protocol questions relating to the symptom(s)



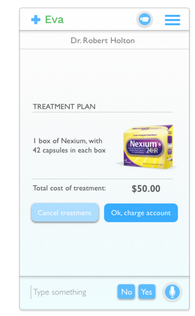

6 Answer data is pushed back to the care team



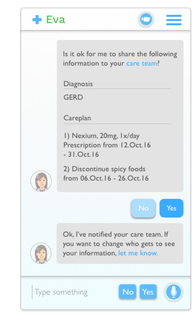

7 Diagnosis is made by the clinician



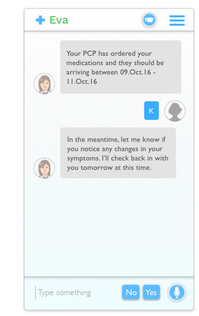

8 The patients SHR is updated with diagnosis and intervention info, allowing the patient to view the updated info. The patient is notified of the intervention.




10 Intervention validated by the patient




11 SHR notifies patient that the recent diagnosis and intervention info will be sent to those that were given data consent




12 Medications are ordered by the care team

12 Drugs are delivered to the patient