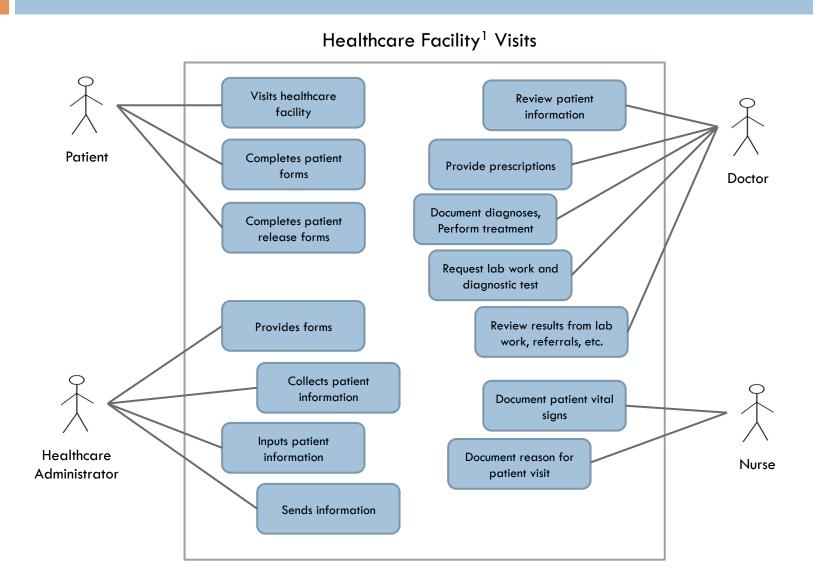


STANDARDIZED ELECTRONIC TWO-WAY DATA TRANSFER HEALTHCARE (SETH) FORM TM

Use Case Diagrams and Process Flows

Use Case Diagrams – Current State



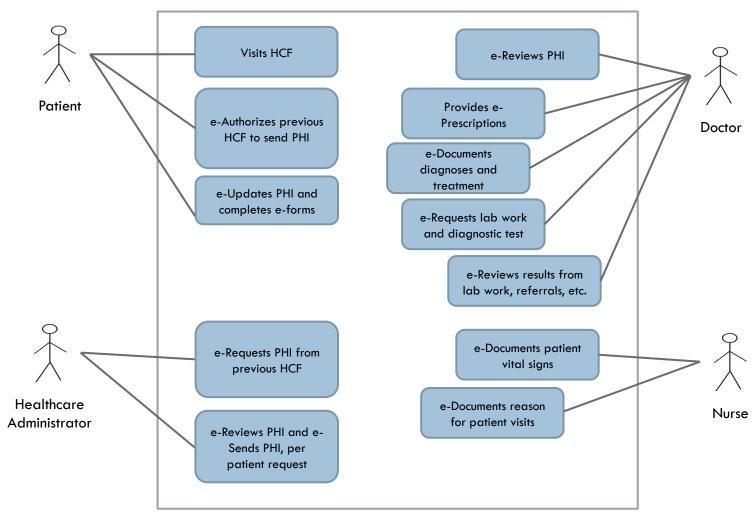
Use Case Diagrams – To-be State

e- (electronically, electronic)

HCF (Healthcare Facility)

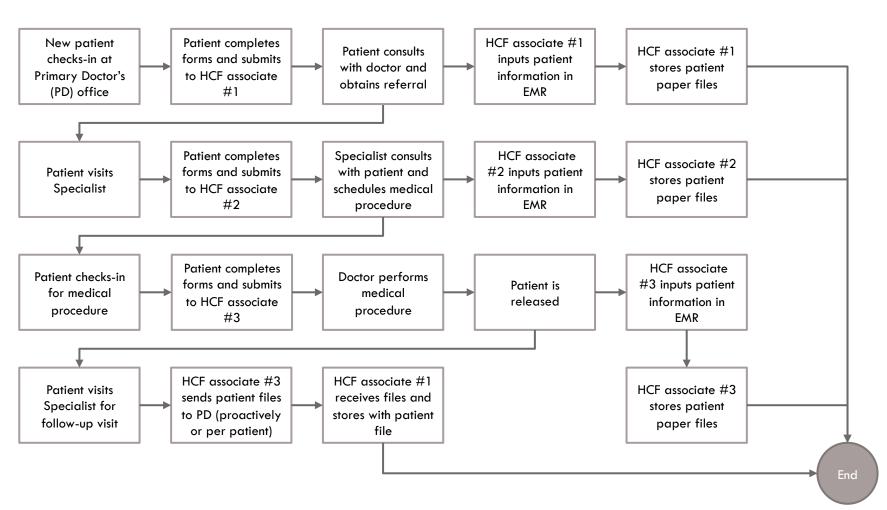
PHI (Protected Health Information)

Healthcare Facility¹ Visits



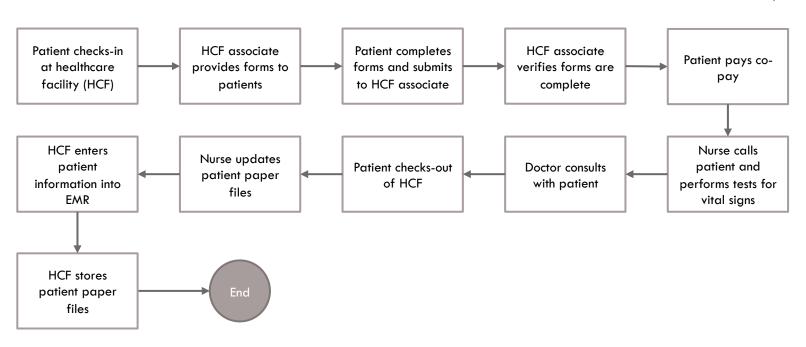
Patient Referral As-is Process

Consolidated High Level As-is Process



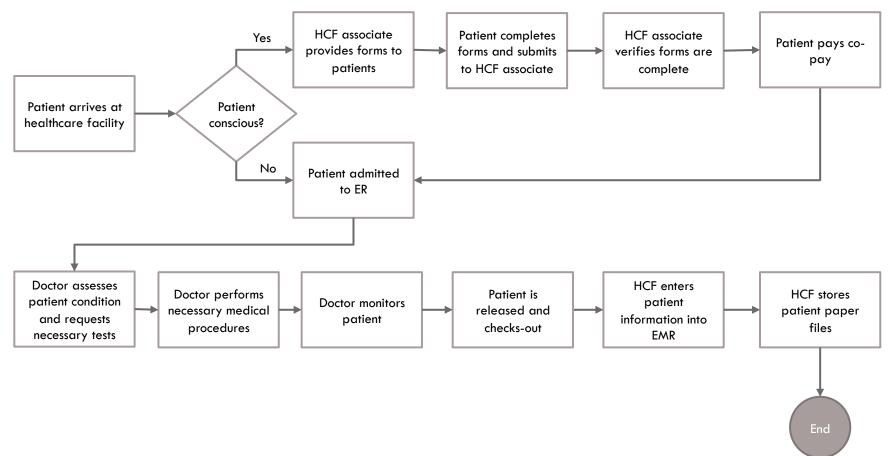
As-is Process

New Patient Visits Healthcare Facility (HCF): Scheduled Visit with Primary Care Doctor and Specialist/Referral



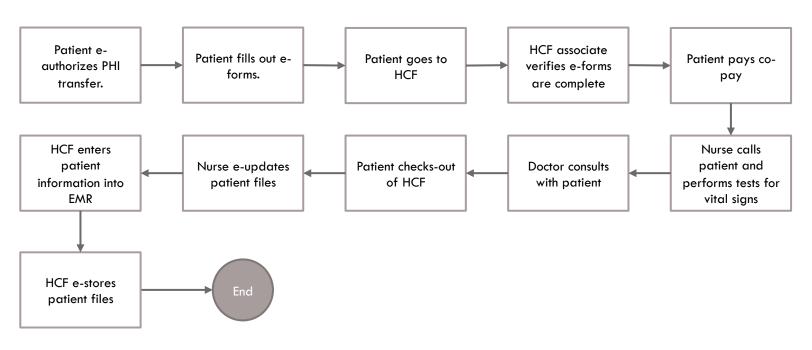
As-is Process

New Patient Visits Healthcare Facility (HCF): Unscheduled Visit to ER



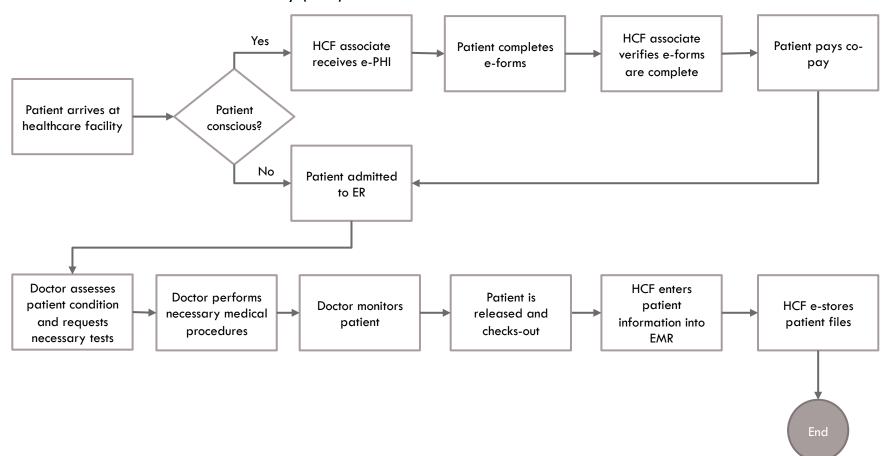
To-be Process

New Patient Visits Healthcare Facility (HCF): Scheduled Visit with Primary Care Doctor and Specialist/Referral



To-be Process

New Patient Visits Healthcare Facility (HCF): Unscheduled Visit to ER



Data Extraction Using HL7 Standards –

Current State HOSPITAL NETWORK A HOSPITAL NETWORK B **HL7 TEXT FILE HL7 TEXT FILE** Last Name Field Last Name Field 2. Field Value #2 2. Field Value #2 3. Field Value #3 3. Field Value #3 Field Value #4 4. Field Value #4 **HL7 STANDARDS HL7 STANDARDS EPIC CERNER** Last Name Field Field Value #1 Field Value #2 Field Value #2 Field Value #3 Field Value #3 Field Value #4 Field Value #4 Last Name Field Field Value #5

Data Extraction Using HL7/FHIR API/HEART

Standards - Future State

