MITRE SHR JOURNEY MAP v 0 I

A scenario of a patient's journey through a mild headache, and the data collected for her Standard Health Record

		2	3	4	5	6	7	8	9			12	13	4	15	16	17	18	19	20	21
Patients journey	Concern about a 2 week headache	Contact primary care provider remotely	Communicate health concerns to PCP	Provider asks about clinical information that could relate to the headache	Provider asks if there are any other factors that may related to the health concern	Provider decides that the patient may need to see a physician	Provider schedules an in person consultation with a primary care physician	Check-in to appointment	Nurse encounter	Meet primary care physician	Reiterate health concerns to physician	Reiterate information relating to the headache	Physical exminines the patients medical history	Physician examines the patient	Produce a diagnosis	Headache medication prescribed	Primary care physician updates the care plan	Schedule a follow-up appointment	Pick up medication from the pharmacy	Follow the new care plan	Headache improves after a few weeks
Users viewing the health record		Patient	Primary care physician Nurse Nurse practitioner Physician assistant	Primary care physician Nurse Nurse practitioner Physician assistant	Primary care physician Nurse Nurse practitioner Physician assistant	Primary care physician Nurse Nurse practitioner Physician assistant	Medical receptionist Primary care physician Nurse Nurse Physician assistant	Medical receptionist	Nurse Midlevel practitioner	Nurse Midlevel practitioner	Primary care physician	Primary care physician	Primary care physician	Primary care physician	Primary care physician	Primary care physician	Primary care physician	Medical receptionist	Pharmacist	Patient	Patient
Data collection source			Primary care provider enters information into the patient health record as patient describes symptoms and concerns	Primary care provider enters information into the patient health record as he is listening to the patients concerns	Primary care provider enters information into the patient health record as he is listening to the patients concerns	Provider asks if they can use the patients information to schedule an appointment for them			Nurse collects vitals before sending patient to the physician. Asks patient the reason for the visit	Nurse collects vitals before sending patient to the physician. Asks patient the reason for the visit	Physician enters information into patient health record as she listens to patient response	Physician enters information into patient health record as she listens to patient response	Physician asks the patient about any relevant medical history and updates the health record based on the extent of information received	Physical exam is performed by the physician	Physician synthesizes information gathered from the encounter and produces a diagnosis and plan of treatment	Physician writes an order for a headache medication once no drug allergies are determined. This information gets relayed digitally, to a pharmacist located at the patient's preferred pharmacy. The pharmacist then prepares the medication	Physician synthesizes information from the encounter, communicates it to the patient, and enters it digitally into the patients health record	The receptionist updates any payment information if necessary before scheduling a follow-up appointment	Pharmacist enters informatioin in the system that the patient has received their medication, and communicates any additional medication instructions	The patient updates any information on behavior changes as they are following the care plan	The patient manually removes a concern from their health record
Data collected or updated			Health concerns Health goals	Allergies (drug, food, environ) Current medications Smoking status Drug and alcohol use	Gender identity Food status/security Housing situation/security Employment status/security Stress factors Social isolation/exclusion Domestic violence or abuse	Consent for data sharing			Vital signs Health concerns	Vital signs Health concerns	Health conerns	Allergies (drug, food, environ) Current medications Smoking status Drug and alcohol use	Past hospitalizations (past year) Past major procedures Immunizations Past outpatient encounters (past year) Personal health history Family health history	Vital signs Health concerns Disabilities	Problems Health concerns Plan of treatment (care plan)	Current medications Allergies (drug, food, environ) Contraindications and intolerances	Plan of treatment (care plan)	Payment source Insurance identifier(s)	Current medications	Smoking status Level of physical activity Drug and alcohol use Medication compliance	Health concerns
Current data in health record	Patient Identification Patient name(s) Date of birth Administrative sex Address(cs) Telephone number(s) Email address(es) Emergency contact(s) Legal guardian (if minor) Preferred language Patient Support Payment source Insurance identifier(s)	Patient Identification Patient name(s) Date of birth Administrative sex Address(es) Email address(es) Email address(es) Legal guardian (if minor) Preferred language Patient Support Payment source Insurance identifier(s)	Patient Identification Patient name(s) Date of birth Administrative sex Address(es) Email address(es) Email address(es) Legal guardian (if minor) Preferred language Patient Support Payment source Insurance identifier(s)	Patient Identification Patient name(s) Date of birth Administrative sex Address(es) Emergency contact(s) Legal guardian (if minor) Preferred language Patient Support Payment source Insurance identifier(s) Health goals Current Health and Care Plan Health concerns	Patient Identification 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