…*with the patient at the heart*

Epic

Epic

A glorious account of a ~~nation's~~ *patient's* events
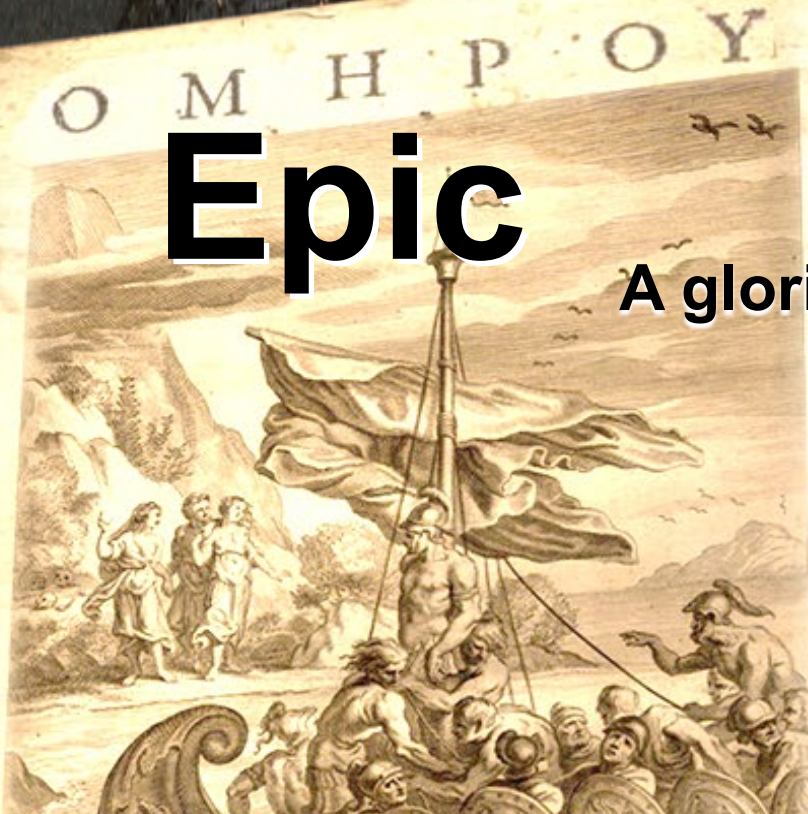
Many data sources, one integrated patient record

Mom-Baby

Genomic Data (COMING SOON)

Vitals

Lab Values

Community

Patient-Reported Outcomes

EHR Data

Cancer Staging

Social Determinants

Patient-Entered Goals

Anesthesia Data (COMING SOON)

Transplant Cases

Financial Class
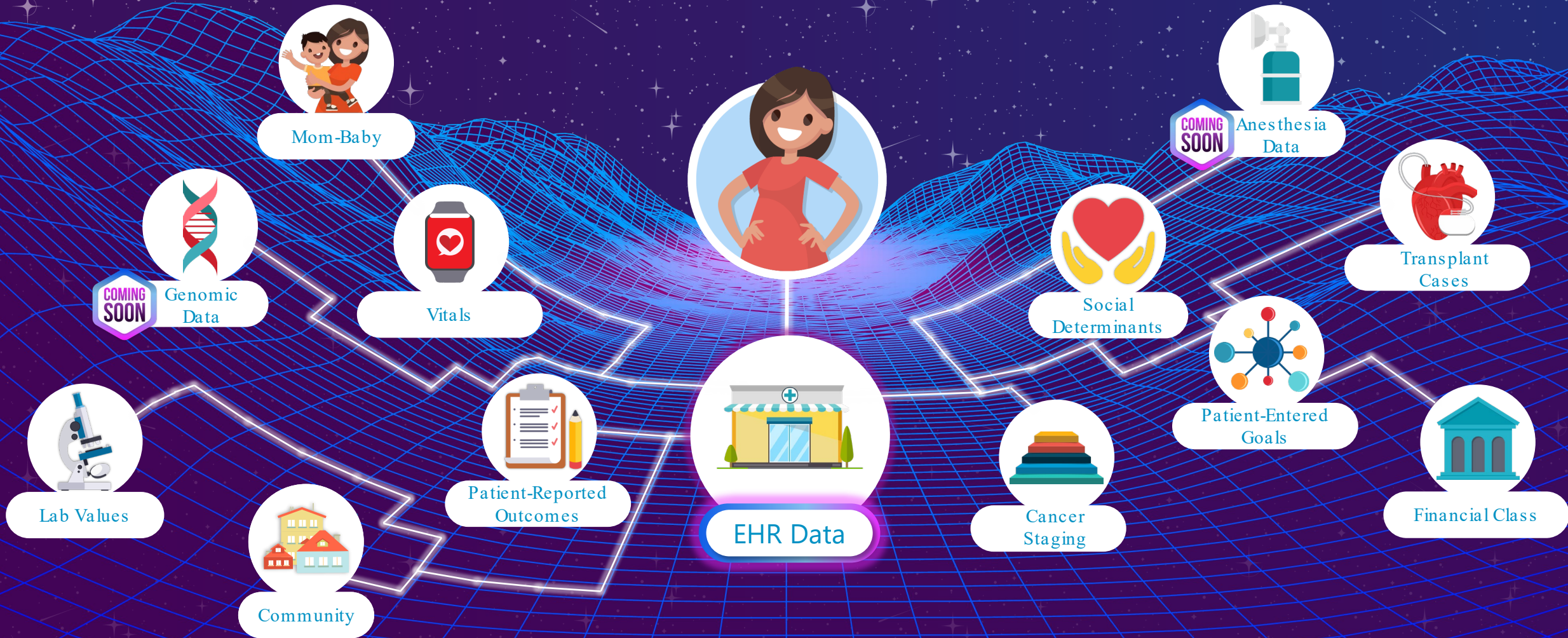
HEALTH GRID

bringing data together
with the patient at the heart

Cosmos

Social Safety Net

Social Care
Behavioral Health
State Systems
Correctional Health

Health Systems

Inpatient
Outpatient

Life Sciences

Clinical Trials
Precision Medicine
Specialty Diagnostics
Medical Device Manufacturers

Standalone Specialties

Dental
Orthopaedics
Urology
Nephrology
Cardiology

MyChart

Payers

Health Plans
Real-Time Prescription Benefits

Convenient Care

Urgent Care
Retail Clinics
National Telehealth Providers
Employer Health

Care in the Home

Home Health | Hospice | Hospital at Home
Home Infusion | Home Dialysis

Post-Acute

Rehab
Long-Term Care
Long-Term Acute Care

Workforce Supporting Cancer Surveillance

- Patients
- Clinicians and Researchers
- Health Care Organizations
- AI-Empowered Care Teams

What you can do now!
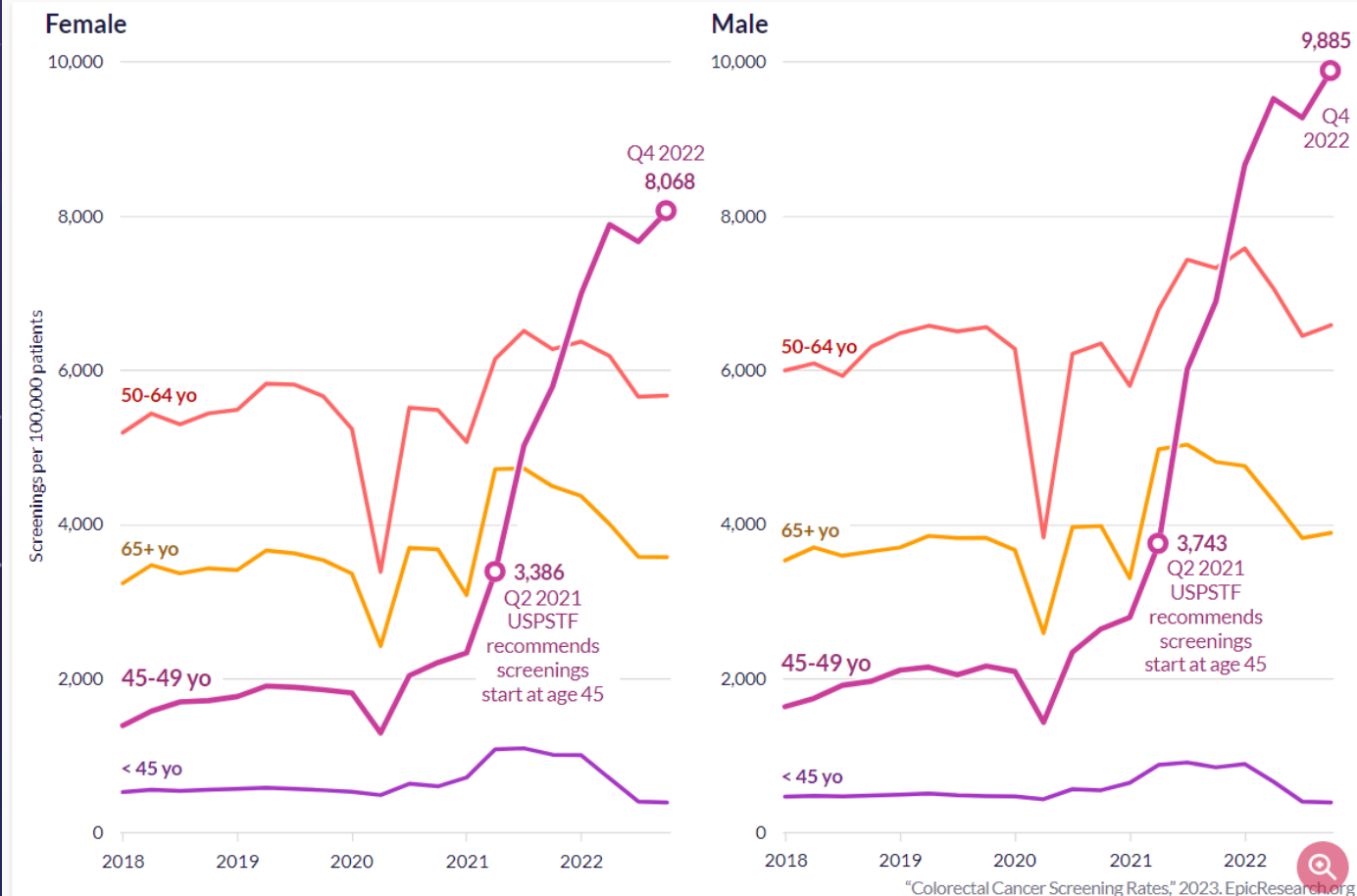
FIGURE 1

Colorectal Cancer Screening Rates

Figure 1. Quarterly rates of colorectal cancer screening per 100,000 patients stratified by sex and age group. Patients under age 45 are not currently included in USPSTF's recommendation for colorectal cancer screenings.

Epic Research

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Cancer Incidence Rates

According to the American Cancer Society, cancer affects one in three Americans in their lifetime. We aimed to trend how cancer screenings and diagnoses have changed over time, and how they were influenced by the pandemic. Our data tracker shows the quarterly rates of overall and advanced cancer diagnoses over the past five years to understand overall trends in cancer, including breakdowns for specific cancer types.

All   Breast   Cervical   Colorectal   Lung   Prostate

Cancer continues to be a leading cause of death worldwide. Many initiatives have sought to reduce the overall incidence of cancer and especially focus on catching cancer at earlier stages, when it is more treatable and less likely to lead to death. This data tracker focuses on the overall incidence of all types of cancers and the rate of initial diagnosis at advanced stages.

Colorectal cancer is the second leading cancer-related death in the U.S. In 2021, colorectal cancer screening guidelines expanded to include younger patients in an effort to increase early identification of potential colorectal cancer. According to the American Cancer Society, colorectal cancer diagnoses have dropped since the 1980s, partially due to increased screenings.

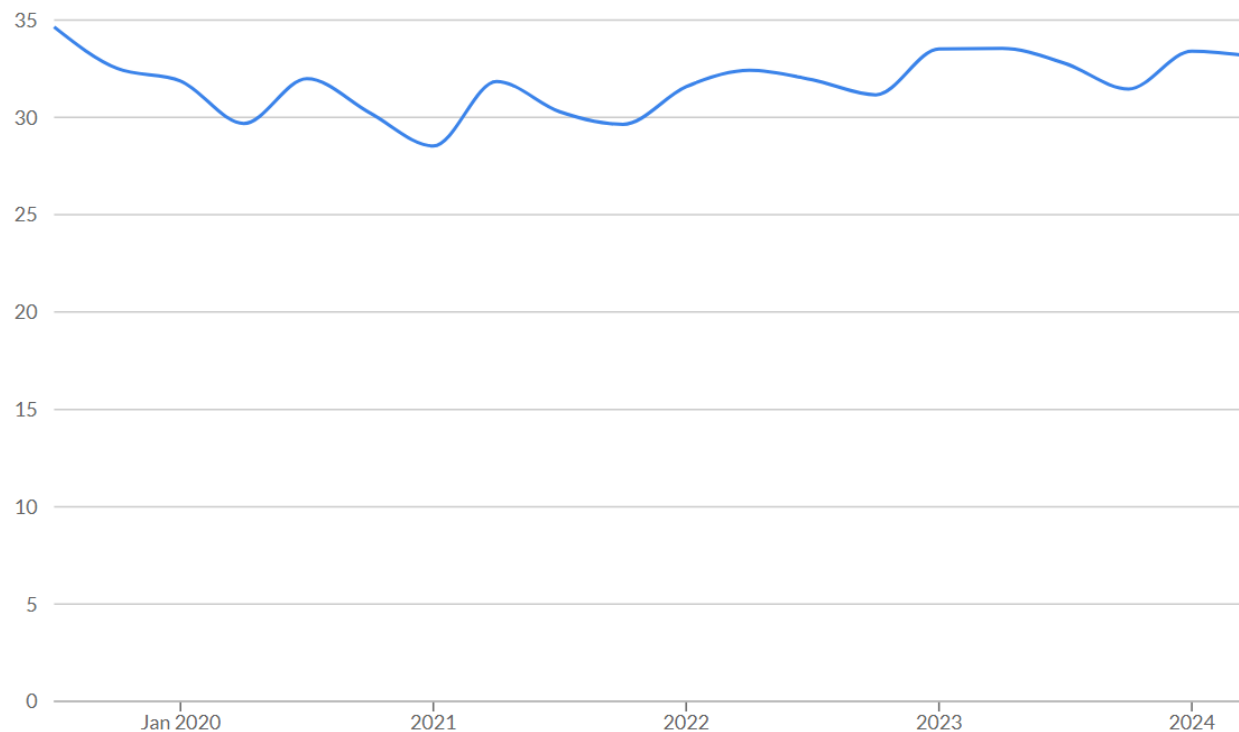## Colorectal Cancer Cases
Q2 2024 (through Invalid Date)

──◆── 33.1

Colorectal Cancer Cases

Quarterly rates of new cancer diagnoses per 100,000 patients.

The Spectrum *of* Artificial Intelligence

Rule-Based Logic

Expert-defined and explicitly coded

Predictive Analytics

Statistically-derived to predict a pre-defined event

Generative AI
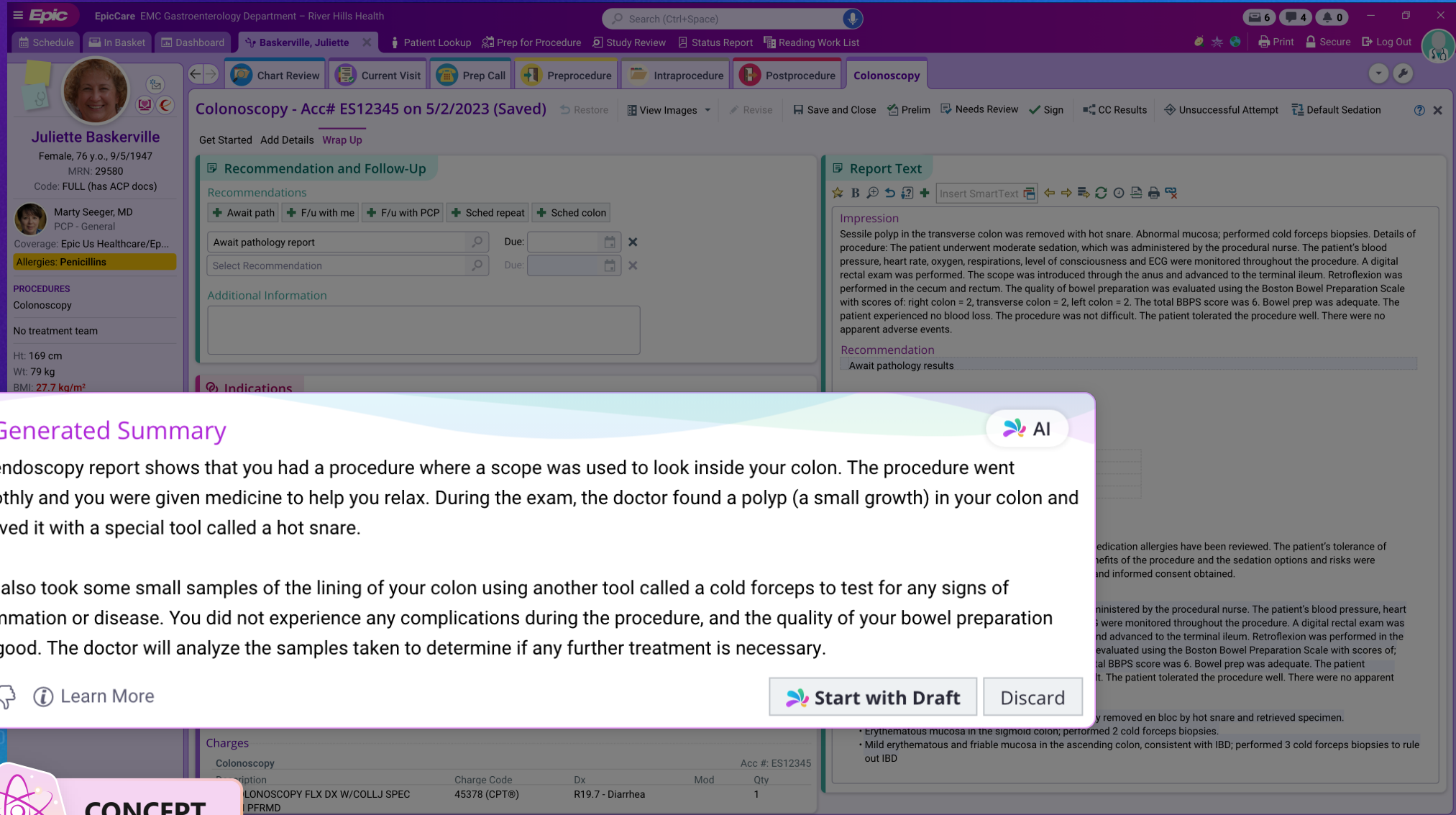(Large Language Models)

Generally-trained to generate novel content

Deterministic
Targeted

Probabilistic
More generalized

Engage Patients *with* Patient-Friendly Reports

Epic | EpicCare EMC Gastroenterology Department – River Hills Health

Search (Ctrl+Space)

Schedule | In Basket | Dashboard | Baskerville, Juliette | Patient Lookup | Prep for Procedure | Study Review | Status Report | Reading Work List

Print | Secure | Log Out

Juliette Baskerville
Female, 76 y.o., 9/5/1947
MRN: 29580
Code: FULL (has ACP docs)

Marty Seeger, MD
PCP - General
Coverage: Epic Us Healthcare/Ep...
Allergies: Penicillins

PROCEDURES
Colonoscopy

No treatment team

Ht: 169 cm
Wt: 79 kg
BMI: 27.7 kg/m²

Chart Review | Current Visit | Prep Call | Preprocedure | Intraprocedure | Postprocedure | Colonoscopy

Colonoscopy - Acc# ES12345 on 5/2/2023 (Saved) — Restore | View Images | Revise | Save and Close | Prelim | Needs Review | Sign | CC Results | Unsuccessful Attempt | Default Sedation

Get Started Add Details Wrap Up

Recommendation and Follow-Up

Recommendations

Await path | F/u with me | F/u with PCP | Sched repeat | Sched colon

Await pathology report — Due:
Select Recommendation — Due:

Additional Information

Indications

Report Text

Insert SmartText

Impression
Sessile polyp in the transverse colon was removed with hot snare. Abnormal mucosa; performed cold forceps biopsies. Details of procedure: The patient underwent moderate sedation, which was administered by the procedural nurse. The patient's blood pressure, heart rate, oxygen, respirations, level of consciousness and ECG were monitored throughout the procedure. A digital rectal exam was performed. The scope was introduced through the anus and advanced to the terminal ileum. Retroflexion was performed in the cecum and rectum. The quality of bowel preparation was evaluated using the Boston Bowel Preparation Scale with scores of: right colon = 2, transverse colon = 2, left colon = 2. The total BBPS score was 6. Bowel prep was adequate. The patient experienced no blood loss. The procedure was not difficult. The patient tolerated the procedure well. There were no apparent adverse events.

Recommendation
Await pathology results

Generated Summary 🌸 AI

The endoscopy report shows that you had a procedure where a scope was used to look inside your colon. The procedure went smoothly and you were given medicine to help you relax. During the exam, the doctor found a polyp (a small growth) in your colon and removed it with a special tool called a hot snare.

They also took some small samples of the lining of your colon using another tool called a cold forceps to test for any signs of inflammation or disease. You did not experience any complications during the procedure, and the quality of your bowel preparation was good. The doctor will analyze the samples taken to determine if any further treatment is necessary.

👍 👎 ℹ Learn More

🌸 Start with Draft | Discard

Charges
Colonoscopy   Acc #: ES12345
Description   Charge Code   Dx   Mod   Qty
COLONOSCOPY FLX DX W/COLLJ SPEC   45378 (CPT®)   R19.7 - Diarrhea   1
PFRMD

CONCEPT

Extracted Synoptic Results

CONCEPT