HealthFlow.io

Patient-Centric Health Care. Period.
The Problem

Health Care Coordination Is Hard, And Health Technology Doesn’t Help

Built for Billing

Not patient outcomes

The Bottom Line: Over $78 Billion in annual waste tied to healthcare referral and care coordination issues, impacting:

• Patient treatment outcomes
• Availability of healthcare services
• Provider & Payer operational budget & bottom line
The Problem Is Growing

As the U.S. Population Ages, Care Coordination Needs Grow Exponentially

- 80% of clinical errors occur are due to lack of coordinated communication during care transition
- Care delivery is growing more fragmented as costs and system demand rise
- Existing care coordination solutions are largely tied to existing EHR/EMR limiting information exchange and interoperability

U.S. adults with at least 1 chronic condition | 60%
Corresponding healthcare spending | 90%

AGING US POPULATION
Source: US Census Bureau

Care Coordination In The Real World

Patient Health Data is Siloed, Disparate, & Difficult to Assemble

- Heath care system IT is fragmented, and disparate federal & state regulations add to the churn
- Existing Care Coordination solutions are clinical/system first

- Health data interoperability standards and government regulations (CCPR, GDPR, Information Blocking) continue to evolve
Other Drivers - CMS & ONC Rules Released

**Patient Access API**
Beginning on January 1, 2021, Medicare Advantage plans, Medicaid and Children’s Health Insurance Program (CHIP) managed care plans, state agencies, and Qualified Health Plan (QHP) issuers on federally-facilitated exchanges (collectively, “CMS Payers”) are required to implement and maintain an API to support patient access to their health information (the “Patient Access API”).

**Payer-to-Payer Data Exchange**
As of January 1, 2022, CMS Payers must comply with patients’ requests to send their clinical data, inclusive of the elements defined in the United States Core Data for Interoperability (USCDI) version 1 data set, to other CMS Payers, to ensure that the new payer has patients’ complete records if they change plans.

**Admission, Discharge, and Transfer (ADT) Notifications**
Starting in September 2020, CMS’s Medicare CoPs for hospitals and CAHs will require that they send electronic patient ADT event notifications to other health care facilities or community providers.
The HealthFlow Solution

HealthFlow Active Care Coordination Is Patient Centered & Outcome Driven

- Built upon industry standards for healthcare information and process interoperability (FHIR, BPMN+ Health, Etc)
- Enables secure patient handoff at all point of the Care Coordination team, ensuring a complete picture of treatment status and outcomes

- Empowers patients to take control of their care through referral transparency, data visibility, and consent management
HealthFlow Functional Architecture

HealthFlow Application Suite

System Interface & Data Ingestion
- Exchange Templates
- FHIR API
- Custom Interfaces

Data Processing & Enrichment
- Clinical NLP + ML
- Standards Alignment
- Contextual Integration

Data Packaging & Encryption
- Requestor Alignment
- Data Encryption
- Interface Selection

Data Delivery & Management
- Clinical Data Exchange
- Exchange Validation
- Smart Contract

Patient-Specific Blockchain Governance

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HealthFlow Patient & Clinical Care Team App

Your Patient-Centered Medical Home

Demo
HealthFlow Product Capabilities

- Health IT Standards-based APIs and Clinical Workflow processes accelerate and simplify integration
- Advanced model-driven parametric rules engine enables alignment to any environment at runtime
- Drives and improves care coordination through patient-centric process automation
- Provides detailed reporting against customer-specific criteria and measures
- Zero-trust, end to end encryption architecture with immutable transaction record
- Simplifies patient consent management & puts the patient in control of their health data
- Built to scale exponentially in real world implementations
- HIPAA & GDPR compliant
- Supports evolving Accountable Care Organization (ACO) value criteria
Questions & Thanks

Thank you for your attention and time
Backup
HealthFlow Administration & Management Reports
HF Demo (HF Administration UI)

- HF Administrator view displays a near real time status for all activities we’re supporting for a specific Provider or System.

- Shown are the statuses for positive trending activities, velocity for activities that are tending negatively, and activities that require immediate attention. (Based upon specific criteria defined for this customer)

- The UI also provides the ability to filter and drill down to the details for each activity.
HF Demo (HF Referral Detail View)

- HF Referral Detail view displays the current status and details for a specific patient referral.
- Starting from referral initiation, all steps are reflected within a workflow view, providing transparency and enabling proactive management of referrals by administrators or care team members.
- All known touchpoints are included, and any chokepoints are easily identified (based upon system agreements and data availability)