unqork | HUMAN API

Unqork + Human API
Transforming Clinical Trial Recruitment & Screening

Accelerate recruitment and screening while reducing the operational burden on patients and sites.

Clinical trial recruitment and screening are painful for both patients and site staff. For patients, initial screening—even when conducted digitally—is difficult and confusing, quickly proceeding into detailed questions on medical history that the patient may not know the answers to. Not surprisingly, some patients drop out prematurely and/or provide inaccurate information. Subsequent rounds of screening often occur at the site, which may take weeks or months to schedule and require travel on the part of the patient—often before eligibility is even confirmed.

Even when CROs are involved, site staff must often shoulder much upstream responsibility for recruitment and upfront screening. Therefore, they are compelled to spend time on outreach, assessment, and even ordering full medical records for patients who could—and in many cases should—have been disqualified well before the site got involved. These low-value tasks take time away from more impactful activities and can contribute to site burnout over the long term.

To date, there hasn't been a practical alternative to the status quo. Current point solutions digitize specific parts of the screening process, but aren't integrated with existing workflows or systems (e.g., EDC). Even the most advanced offerings are unable to make use of clinical data at sufficient scale.

Unqork and Human API have come together to transform the paradigm. Patients go through an intuitive, omnichannel intake experience to learn about and see if they might be a fit for the trial.
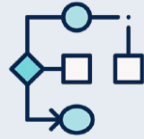
Those without any clear disqualifiers can then share their medical records in real-time with the closest site (or first to the CRO, in the case of a decentralized trial), by simply clicking a button.

Unqork parses these records using FHIR standards and maps them against the trial's inclusion/exclusion criteria to automatically score each patient's eligibility, saving the site staff a ton of time. The site can help the patient schedule further testing if needed, whether locally or onsite, as well as schedule virtual consultations to address remaining questions and review informed consent documents. Ultimately, a next-generation trial portal is "turned on" for participating patients, and the data that has been collected is pushed to the EDC to eliminate duplicate entry.

Key Benefits

✔ **Accelerated First-Patient-In Times:** Mitigate bottlenecks stemming from scheduling in-person visits and manual, labor-intensive documentation/assessment of clinical history

✔ **Strengthened Recruitment Volumes:** Reduce premature attrition and ensure that sites and qualifying patients are motivated to make it through the end-to-end process

✔ **Reduced Operational Expenses:** Conduct virtual screening & onboarding to reduce patient travel expenses and reduce CRO/site staffing ratios

✔ **Lowered Site Fatigue:** Significantly streamline the patient funnel by sparing site staff from having to spend time evaluating "false positives"

✔ **Enhanced Data Capture:** Seed relationship with patients (even those ineligible for the trial at hand) for future trials and/or ongoing contribution of medical records for RWE generation

Capabilities

Tailored User Experience

Responsive omnichannel interfaces with pixel-perfect, role-specific workflows for patients, sites, CROs, and sponsors

Upfront Screening

Custom screening logic and site routing based on the protocol and active sites for any given trial

Clinical Data Sourcing

The Human API platform helps healthcare stakeholders collect and make use of all digital health data to create better patient and provider experiences

Triaging Recommendations

Automatic mapping of patient medical history to trial inclusion/exclusion criteria to flag potential eligibility issues
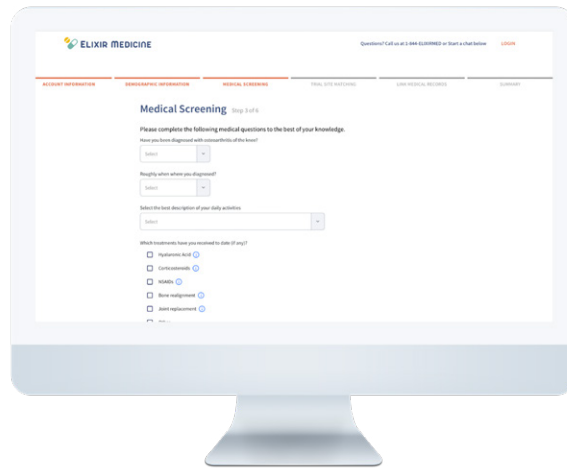
Seamless Integrations

Efficient integration and data exchange with existing systems (e.g., EDC, CTMS) and third-party services (e.g., clinical data, virtual connectivity, eConsent)
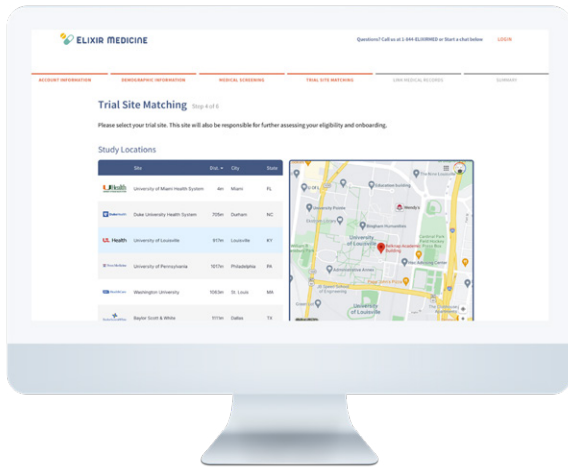
Tailored Dashboards & Alerts

Monitor and receive alerts as to each site's real-time performance against recruitment targets and whether or not they are on track
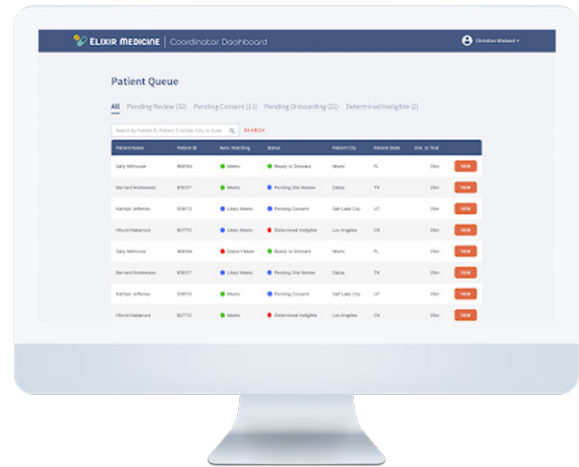
The Solution in Action

Patient facing onboarding provides questions
that automate screening based on custom logic

Automate site routing based on trial and
screening logic during patient intake.

Coordinator dashboards make it easy for site
staff to manage patient information

HUMAN API

The **Human API** platform is designed to help companies securely collect and make use of various digital health data to create better consumer, agent, and channel experiences.

The company's "Total Health Data Platform" ingests and integrates data from multiple sources including hospitals, EHR networks, HIEs, pharmacies, labs, wearable devices, and fitness apps. Human API empowers consumers to share their health information digitally with organizations they trust, including insurance carriers, brokers, and independent agents.

unqork

Unqork is the first enterprise no-code development platform. With Unqork, enterprises can rapidly develop and effectively manage sophisticated applications without writing a single line of code. The cloud-based platform comes "out-of-the-box" (or out-of-the-virtual-SaaS-box) with industry-specific toolsets and elements (e.g. UX, compliance engines, APIs & integrations), which work together in instant harmony—this means organizations can focus all their resources on addressing business challenges instead of technical ones.