For Industry

Mi-Trial supports better clinical trial delivery by keeping participants informed, engaged, and on-track. Through intelligent scheduling and timely communication, Mi-Trial helps trial teams reduce operational burden, minimise missed visits, and improve protocol adherence.

The Clinical Trial Companion App

Mi-Trial, the clinical trial companion app, has been developed from many years' experience of working with trial participants and delivering clinical trials.

Each of the partners in Mi-Trial brings distinct skill-sets which support the Mi-Trial product, including direct experience designing and delivering clinical trials and expertise in developing intelligent health-related apps. Working with Mi-Trial means drawing on the full expertise of the team.

Mi-Trial was developed to address a range of unmet needs for three cohorts:

- **Trial sponsors.**
- **Patients or participants.**
- **Trial organisations or units.**

Benefits to participants

- Single repository for all trial information.
- Scheduling tool to sync with own diary.
- Reminders about restrictions and important information.
- Access to trial contact details.
- Ability to submit feedback to trial organisation.

Benefits to trial organisations

- One-stop scheduler.
- User-friendly, flexible interface.
- Allows a range of notifications to be sent to participants, reducing workload.
- Single platform to manage much of trial experience (visit setup, communication with patients, sharing documents, monitoring participants).

Benefits to trial sponsors

- Enhance adherence to trial protocol.
- Reduce protocol deviations, wasted visits, and costs associated with this.
- Maintain engagement with participants.
- Easy to access and manage platform for reviewing participant details and mapped journey.

Mi-Trial Product Overview

- Flexible scheduling tool which enables research teams to set up a broad range of study schedules, milestones, and activities.
- The visits and appointments are mapped for each participant, allowing tracking and schedule modifications where needed.
- Participants can view all events, notifications and appointment instructions through the **Personal Study Plan**, which syncs with calendar apps. This allows the participant to keep informed, track their progress and minimise protocol deviations.
- The **Documents** feature enables participants to access important supporting information such as participant information.
- Automated notifications can be pre-configured and edited in the study visit design.
- Custom, ad-hoc communications or notifications can be sent to specific participants through the web portal.
- Notifications are currently presented in-app and via push notification if the participant enables this. Email / SMS / post notification functionality can be added.
- Regulatory and Ethically approved for use in UK clinical trials.

Background / The Team

Mi-Trial was conceived by clinical researchers working on and delivering clinical trials. Professors Alex Horsley and Jacky Smith are both clinical academics working in Respiratory medicine (cystic fibrosis and cough research respectively) and between them have led and designed dozens of clinical trials. The other partner is the SME **ELAROS**.

ELAROS is a Sheffield-based developer of medical apps, already partnered with a number of different NHS organisations and currently rolling out **autonom-e**, a customisable digital solution for the remote assessment, triage, monitoring, management, rehabilitation, and education of patients with a range of long-term conditions built on the **C19-YRS Long COVID symptom app**.

Developed in partnership with the **Medicines Evaluation Unit (MEU)**.

The **Mi-Trial** team of clinical researchers, clinical academics and a digital health company provide a unique combination of experience to this project. The app has been developed over the last 3 years by the partners in the **Mi-Trial Company** (a University of Manchester spin-out).

Professor Alex Horsley (Chairman)

Alex is a Professor of Respiratory Medicine at the University of Manchester, consultant at the Manchester Adult Cystic Fibrosis (CF) Centre, and CF academic lead for the NIHR Manchester Biomedical Research Centre. He is director of the NIHR Manchester Clinical Research Facility at Wythenshawe Hospital, where he oversees trials activity in a wide range of specialties. Alex is also the chair of CF Trust Clinical Trials Accelerator Platform, chair of the NIHR Respiratory Translational Research Collaboration, and CF specialty lead for the NIHR Clinical Research Network.

He is responsible for initiating and maintaining one of the largest CF trials programs in the country, having led >25 trials of new therapies in CF since 2012 and making Manchester one of the leading sites for CF clinical trials internationally. He has been national or global lead on trials of several ground-breaking therapies, including transformative new CFTR modulator therapies. He has experience at all phases of clinical trials and has also helped design and deliver clinical trials in acute COVID-19.

Professor Jacky Smith (CSO)

Jacky is a Professor of Respiratory Medicine at the University of Manchester and an Honorary Consultant at Manchester University NHS Foundation Trust. She runs a multi-disciplinary research team whose focus is on understanding mechanisms underlying pathological cough and a regional clinical service seeing patients with refractory chronic cough. She is Director of the NIHR Manchester Respiratory Biomedical Research Centre, and previously Director of the Manchester Clinical Research Facility.

Background / The Team

Professor Paul O'Brien (CEO)

Professor Paul O' Brien was appointed CEO of ELAROS 24/7 in April 2012. Paul has held senior posts in the private sector (Chief Executive), local government (Chief Officer), health (Director in West Essex NHS Trust) and education (Head of Department).

He has previous venture start-up experience having established the Essex Development and Regeneration Agency with a turnover of £8.5 million and funds under management of £15 million - employing 60 planners, economists, surveyors, bid writers and fund managers.

He has extensive experience of public sector transformation having externalised a local government service and more recently the externalisation of a £33 Million NHS Service. Paul also has broad non-executive board experience gained over a 15 year period and has completed the Institute of Directors Diploma in Company Direction. Paul's work in business & management education in Russia and Bulgaria, in the 1990s, secured the Queen's Anniversary Prizes for Higher & Further Education.

Paul is a visiting lecturer to the University of Surrey on its MBA & Msc Entrepreneurship programmes.

James McMunn (CTO)

James has worked for 20+ years around a broad set of technologies and across a wide range of sectors, including; Health, Insurance, Finance, and Travel (The British Library, Jet2 and Confused.com).

James has worked on complex software projects, from building databases, assessing security risks, streamlining backend code to building cloud infrastructure.

Over the past four years James has been working with ELAROS on a range of health apps and on a web-based health commissioning platform.

James is the lead software developer for the Mi-Trial platform.

Background / The Team

Izaak Walker (Commercialisation Manager)

Izaak joined Mi-Trial in October 2025 as our Commercialisation Manager after graduating with a First Class Honours in his integrated MEng degree in Bioengineering at the University of Sheffield.

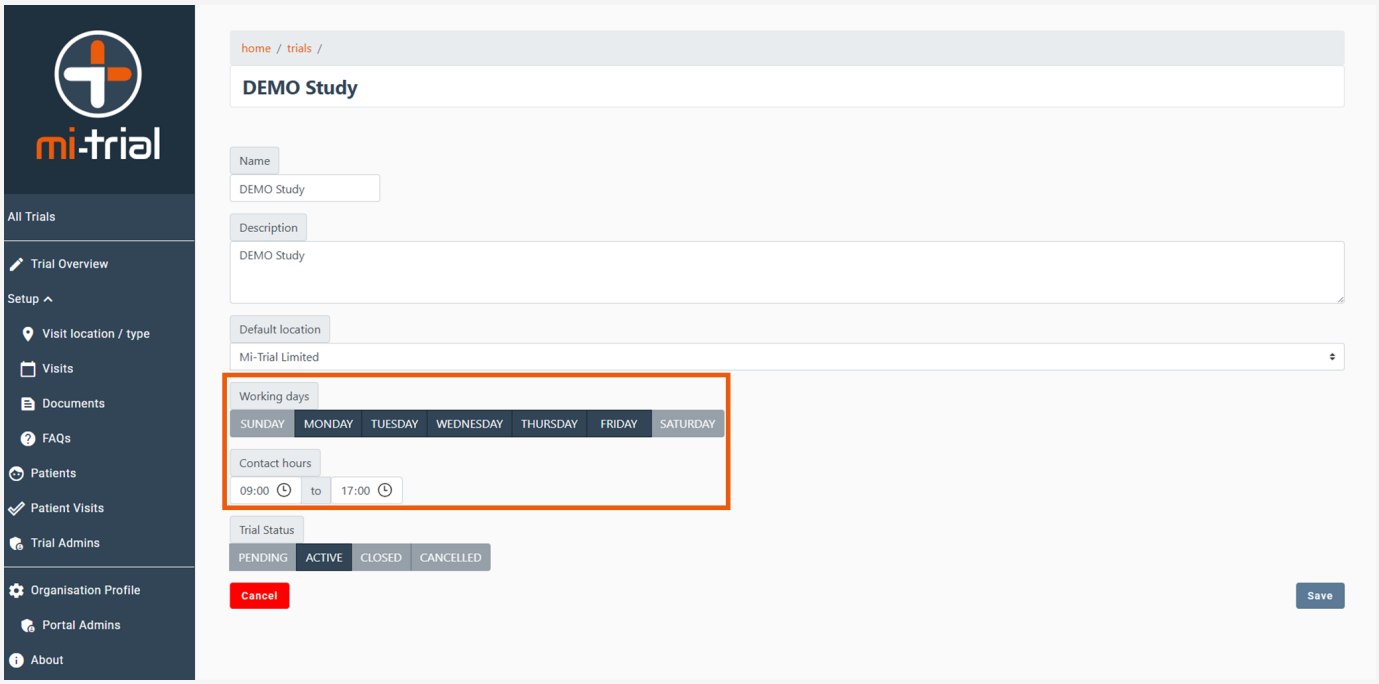
With a distinct interest in the MedTech industry, during his degrees' integrated year in industry he worked at a global orthopaedic company assisting in the development, introduction, and sustainment of commercialised implants and instrumentation within a cross-functional team, playing a pivotal role in driving innovation, ensuring regulatory compliance, and promoting a culture of continuous improvement within the company; as part of this role, he also worked directly within the New Product Introduction (NPI) team on the company's new bespoke implant system and associated instrument set, working to achieve 510(k) clearance for US market penetration.

Daniel Weatherill (Management Accountant)

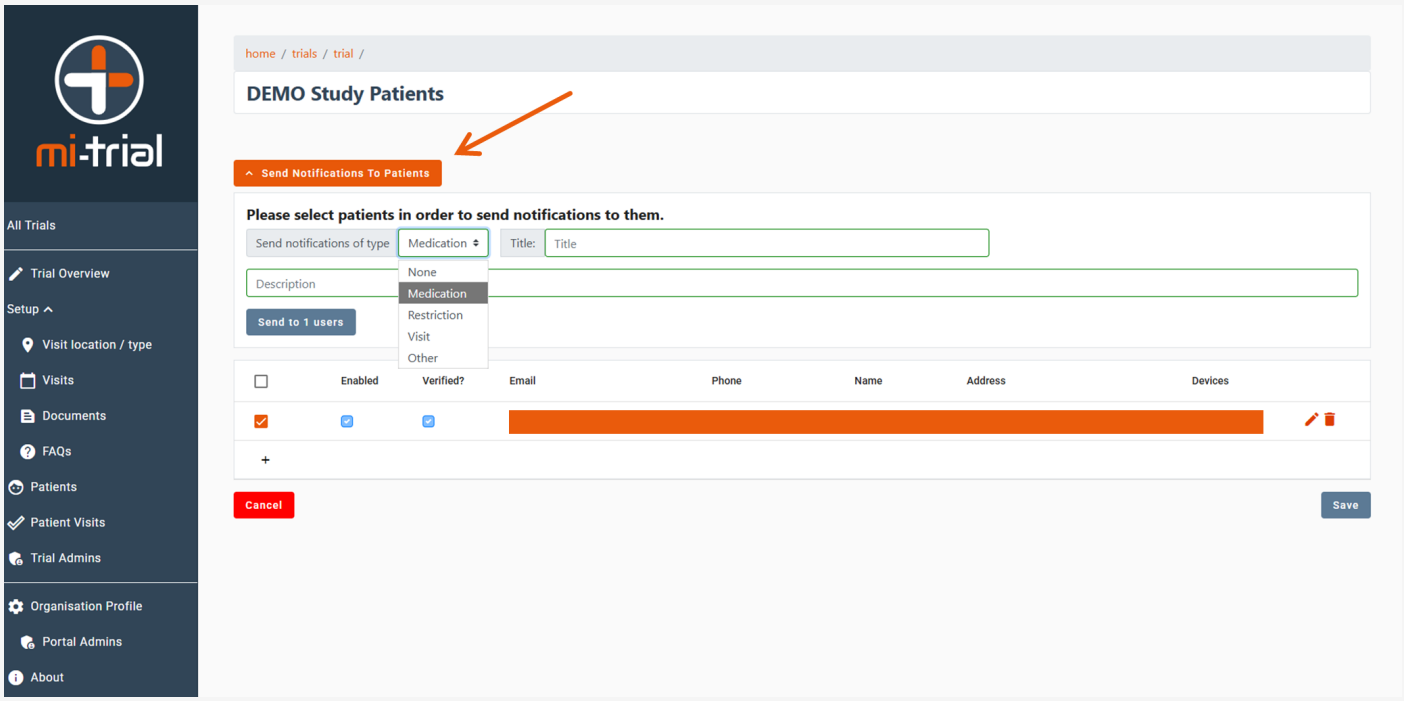
Dan is a recent graduate from The University of Sheffield, studying Business Management. He particularly enjoyed the maths and data side of his course, exploring how software can assist with decision making. He also found a particular interest in the responsible business side of the course, such as Corporate Social Responsibility and Corporate Governance. This led to his decision to begin studying for CIMA's CGMA qualification in August 2023, currently at the managerial level.

Product Screenshots (Web Portal)

Trial Setup view, where the trial organisation configures settings. Working days and contact hours feed into the scheduling algorithm to help determine the most time-efficient visit times, whilst maintaining protocol and valid date ranges.

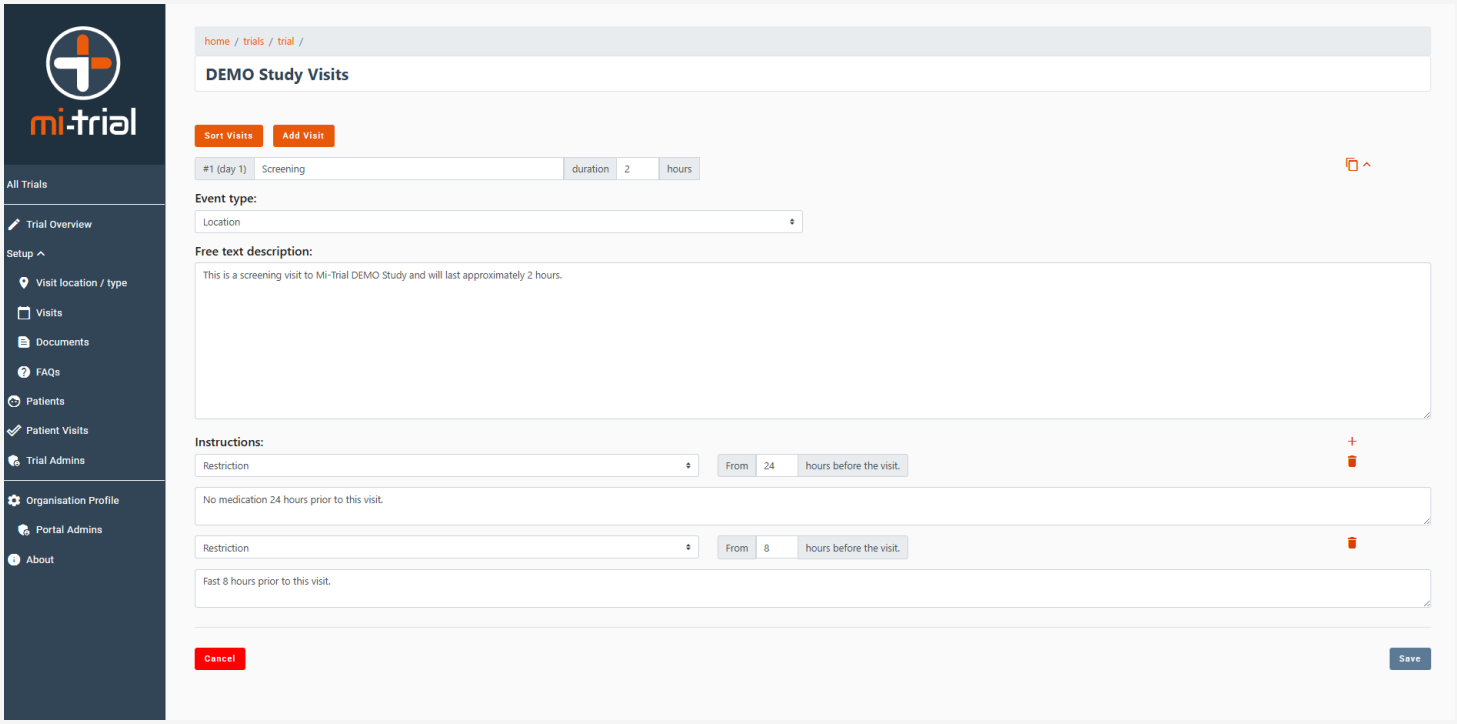


Patients menu in Portal mode, where the trial organisers can send bespoke / custom notifications to specific patients.



Product Screenshots (Web Portal)

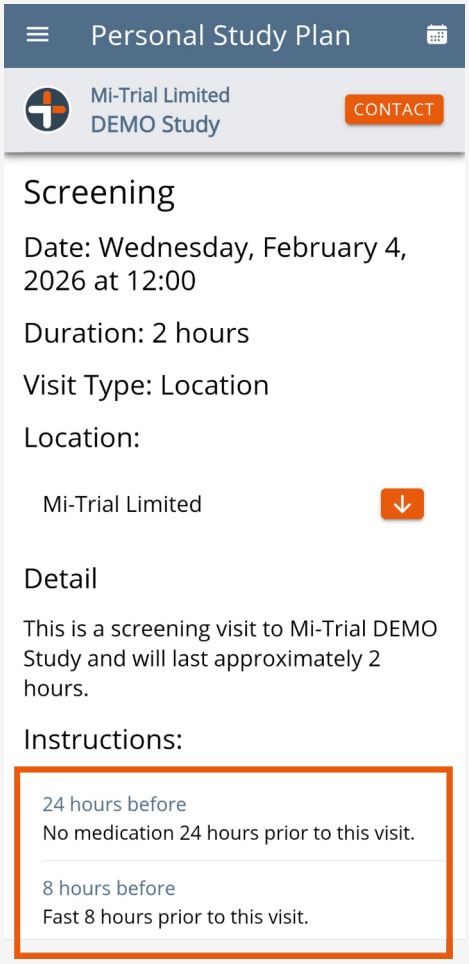
Interface to setup and configure study **Visits**. The system is designed to be flexible and enable various study structures to be set up. If a patient visit occurs in a date which breaches the boundaries defined here, the portal administrator will receive a notification of this to either amend the dates or check / approve the out of bounds date.

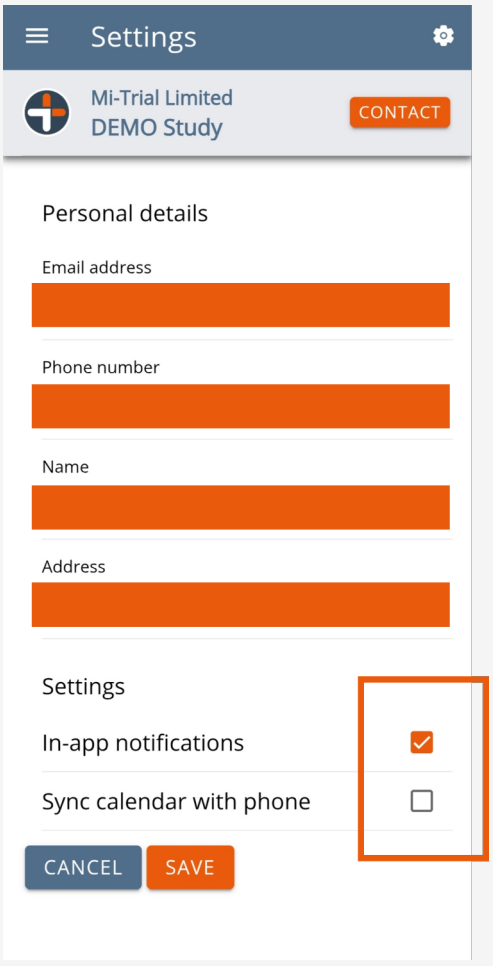


Product Screenshots (Web App)

Participant view of an event in their Personal Study Plan. Note the two instructions which will also populate the **Notifications** page and also send as push-notifications if the participant has these enabled. SMS / Email notifications functionality can be added.

A **web app** version is also available to access off the mobile.





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Request a demo:
https://forms.office.com/e/vGtkStS8Ff

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