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Decentralisation of clinical trials: now and in the future

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Patient-centric data capture platform

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What are decentralized trials?

Nurse visits at home

Remote data capture

Recruitment beyond the hospital

Engaging digitally

What's needed to deliver virtual trials?

A suite of modular technologies and solutions are often required for successful virtual trials, including (not limited to):

Subjective data
eCOA / ePRO | EMR | EDC

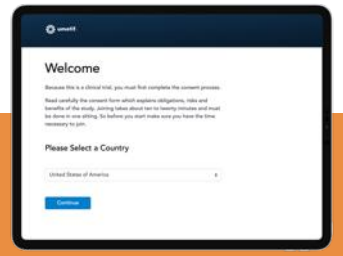
Objective data
sensors | wearables | labs

Engagement
content | context | reminders

Communications
telehealth | phone calls | emails

umotif's patient-centric eClinical platform: Powering decentralised studies

Wearables

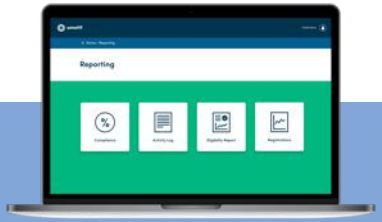


eConsent

Patient data capture (eCOA / ePRO)

Healthcare professionals

Investigators and monitors



Sponsors and CROs

Global hosting and language translations tools

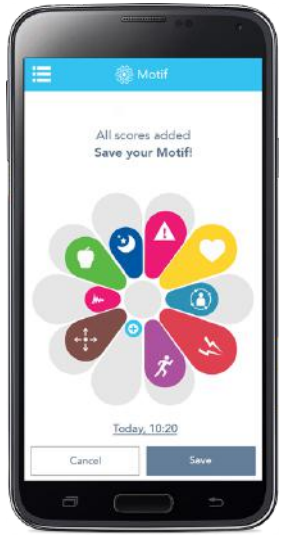
Data export and integration

1. Virtual study with activity monitoring

QUASAR

Largest virtual study investigating sleep and quality of life for adults with Rheumatoid Arthritis

- Helping to answer critical questions about the impact of RA on sleep and quality of life
- Home-based sleep tracking
- Daily capture of subjective PROs
- Objective actigraph device data



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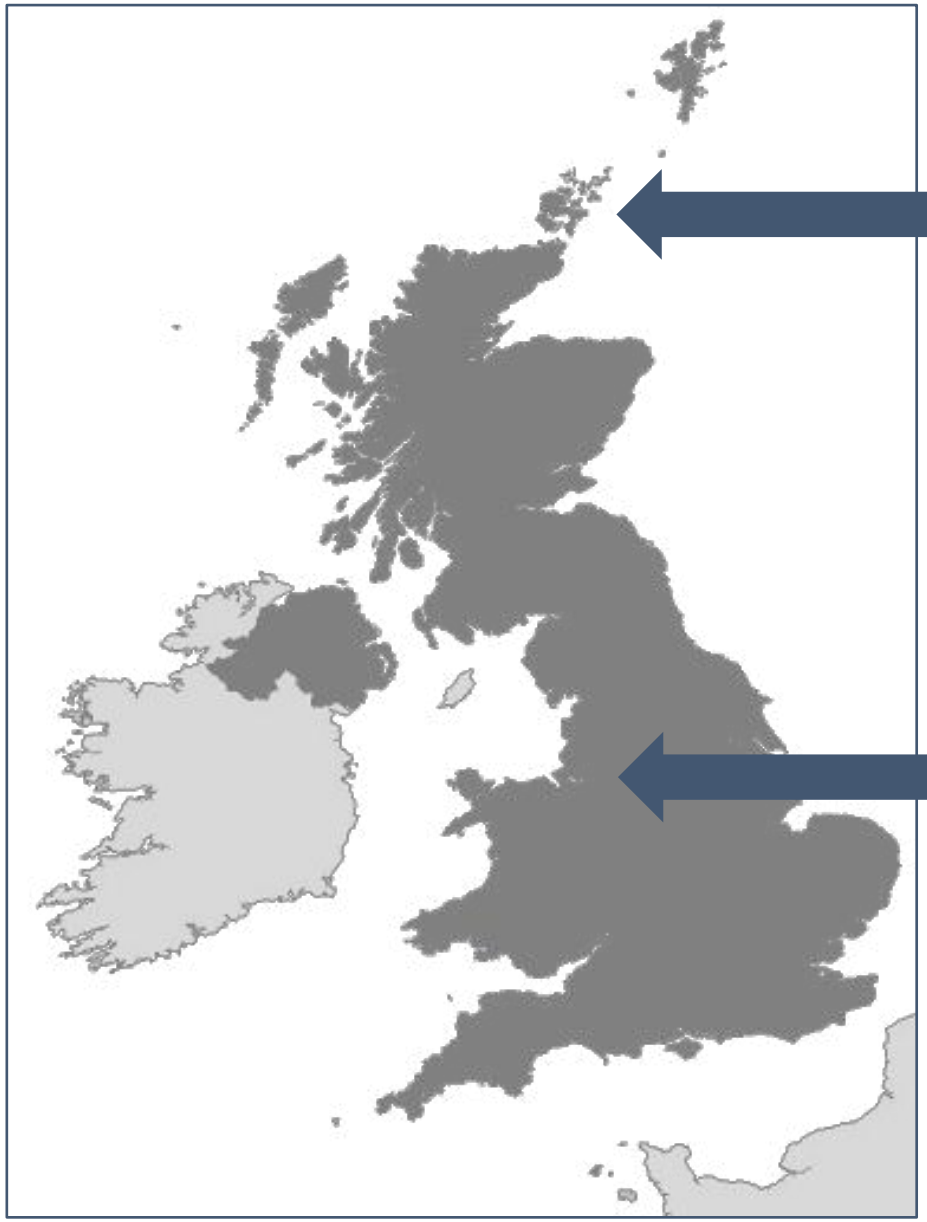

Participant

Study site

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A faster, more engaging, fully remote study

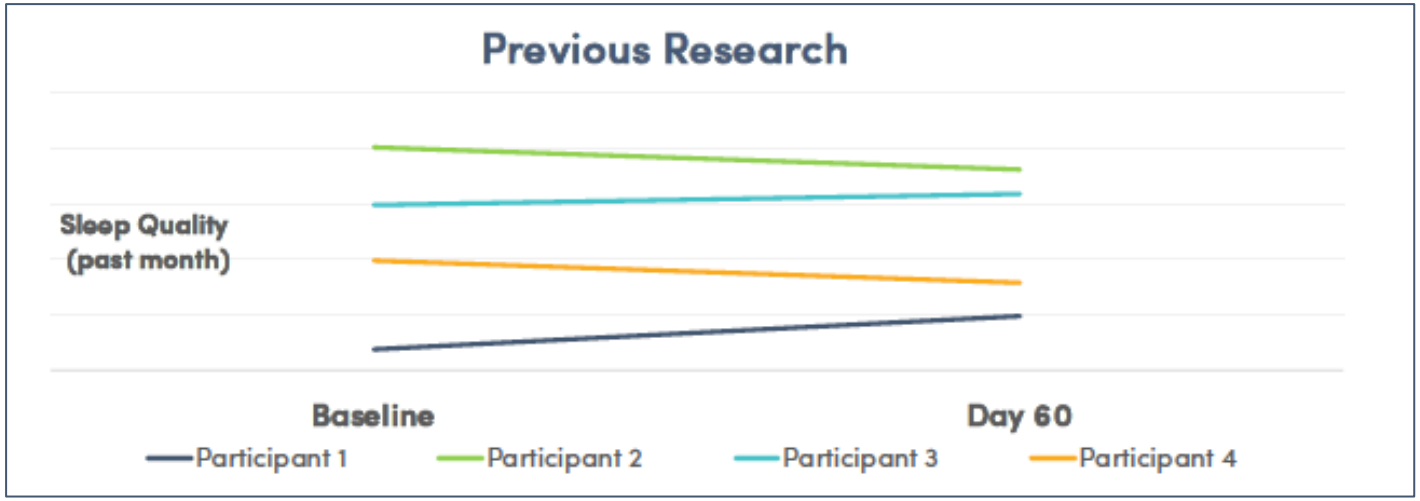
94% Patient engagement

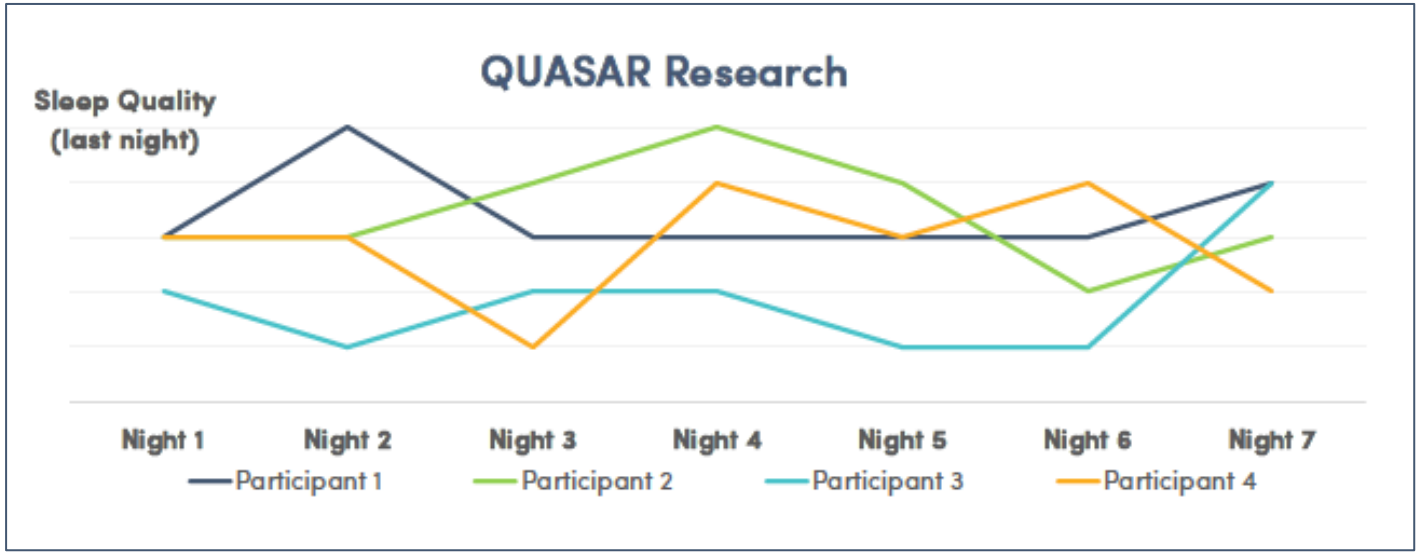
>190,000 hours of sleep and activity data

Study data volume achieved 6 months faster

QUASAR

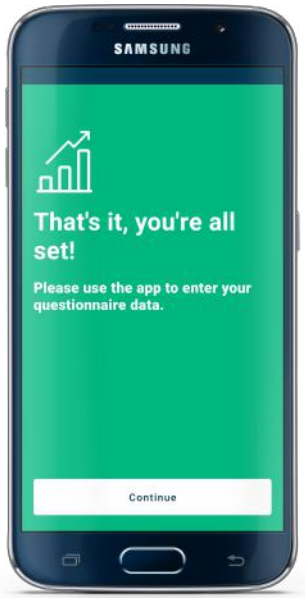
Capturing new data to power novel insights

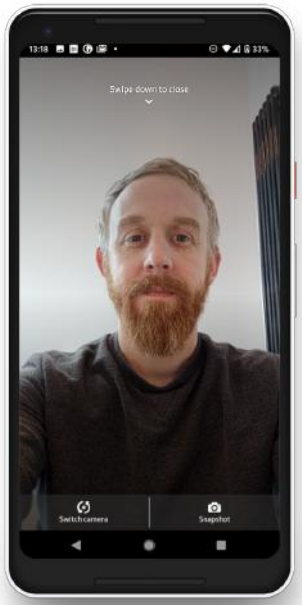




2. Major pharma decentralised trial

Major European pharma company clinical phase trial





ePRO + Telehealth + Actigraph

Decentralisation to improve patient experience and increase trial resilience

Fewer site visits

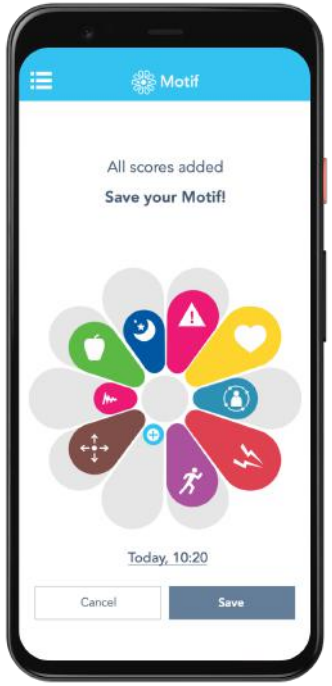
Better patient experience

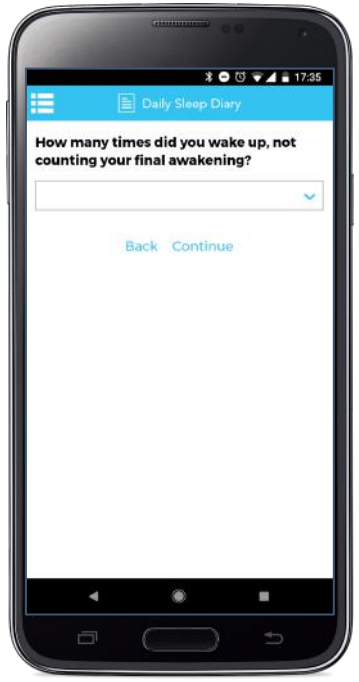
Broader range of data captured

3. Virtual study with bio sampling

Gaining Insight into RheumAtic Fatigue

- Exploring RA and fatigue
- At-home dry blood spot sampling
- Specific study eDiary
- Daily symptom tracking





Symptom tracking

Daily study diary

Dry blood spot sampling

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GIRAF

Large datasets captured from highly engaged patients

Entirely remote capture of novel dataset

Recruited new study participants

84% sample completion, >> expectations

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GIRAF

Capturing diverse data sets opens new research possibilities

Proven in-home testing

Broadens potential patient pool

Lower cost study models

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Questions?

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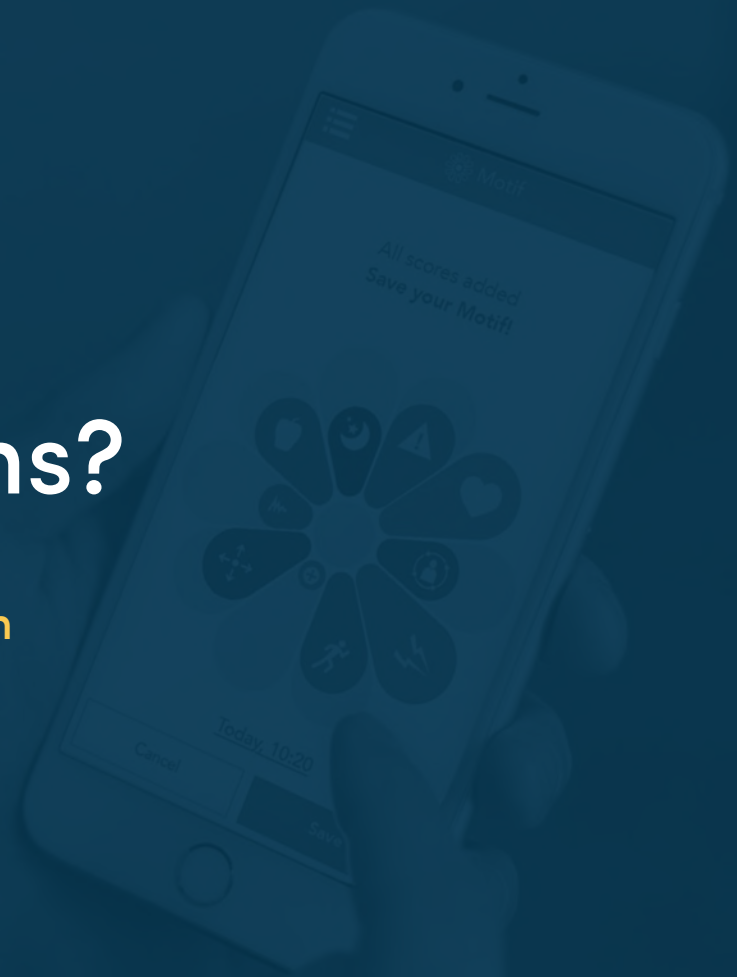
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