

Would you be interested in participating in a clinical study assessing a new medical device measuring blood oxygen levels?

If you are a healthy adult aged 18 - 55 you may be able to participate.



The MD-TEC team together with NIHR HRC-DDR is based at the Queen Elizabeth Hospital site of University Hospitals Birmingham (UHB) NHS Foundation Trust. We support the development of new medical technologies and devices.

We are looking for healthy adult volunteers aged 18-55 to participate in a study assessing the accuracy of a new blood oxygen measuring device (pulse oximeter) which goes inside the ear. We aim to recruit an equal number of participants across all skin tones to ensure the device works accurately and effectively for everyone.

The study will involve having your blood oxygen levels temporarily altered (a process called controlled desaturation). Several small blood samples will be taken through an arterial tube in your wrist. You will be closely monitored and supported throughout the study in hospital by NHS medical staff. The study has been approved by a Research Ethics Committee.

Location:

Queen Elizabeth Hospital (UHB),
Clinical Research Facility,
Birmingham, B15 2TH

Duration:

1 on-site visit
3-4 hours

Expenses:

Reasonable travel expenses
£100 shopping voucher

**STUDY DATES:
APRIL - JUNE
2026**

**For further information,
please contact us!**

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