Human Factors & Usability Testing

Worldwide Locations

Medical devices, apps and software

Global Recruitment

Compliant Documentation

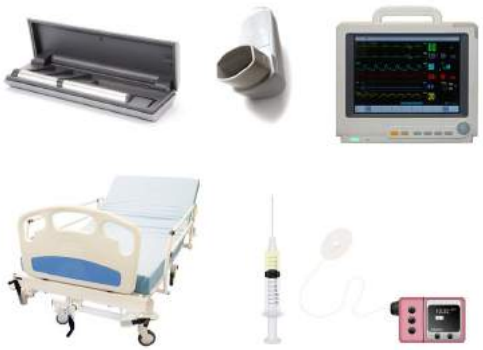
THAY MEDICAL

Future-proofing medical devices

Types of devices we test

Medical devices THAY Medical test:

- HOSPITAL BASED MEDICAL DEVICES
- DRUG DELIVERY DEVICES
- HOME BASED MEDICAL DEVICES
- CONSUMER HEALTHCARE DEVICES
- SEXUAL HEALTHCARE DEVICES
- USER INTERFACES & MEDICAL APPS
- TELEHEALTH & SOFTWARE SYSTEMS
- MEDICAL DEVICE ACCESSORIES



Use environments we can test in:

- Hospitals, Clinics & Operating Rooms
- Doctor Surgeries & Nurses Offices
- Home—use environments
- Simulation Centres & Usability Suites

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ISO 13485 Certificate No. MD1348521

ISO 9001 Certificate No. GB2005100

Human factors & Usability Testing

Understanding your intended users to create usable medical devices.

THAY Medical are a natural choice of partner when developing medical devices, where ease of use, efficiency, effectiveness and user satisfaction is required. We specialize in collaborating with medical device developers to provide the usability and human factors engineering elements that are now critical in maximizing device safety, and in particular—use safety.

Human factors and Usability Testing is part of the development process. Ensuring that your intended users are able to use your device in the environment you intend them to use it in safely. This type of testing generates objective data that can show if a device is safe to use, which can be used in mitigating use-based risk. Data that can substantiate the risk associated with using the device.

Who can we test?

THAY Medical are able to test pretty much anyone required. We are able to recruit patients, carers and clinicians, the general public and specialist professionals to participate in this type of testing. We are able to recruit in most countries and can test in multiple languages.

Where can we test?

THAY Medical are able to test in many countries globally. We primarily focus on evaluating medical devices in Australia, Brazil, Canada, China, Europe, India, Japan, South Korea and the USA but we are capable of testing anywhere where there are no commercial restrictions imposed.

Compliance & Ethics

THAY Medical always ensure we perform Human factors and Usability testing to the highest standards. Testing is performed to relevant country requirements such as IEC 62366-1 and the US FDA design controls guidance Title 21, CFR 820. Where it is required, we always get ethical approval for the testing. We perform testing to meet global regulations such as ABPI (PMCPA), MRS and the FDA best practices to ensure the safety of the participants, and to obtain the best quality data.

Creating usable devices

Human factors and Usability Testing is a method of evaluating a device with focus on the intended users and their interactions with the product to show use safety . A focus on understanding how your intended users are likely to interact with your device can ensure a usable product. This can be the difference between a good device, and a great device. For more details, please visit our website or contact us.