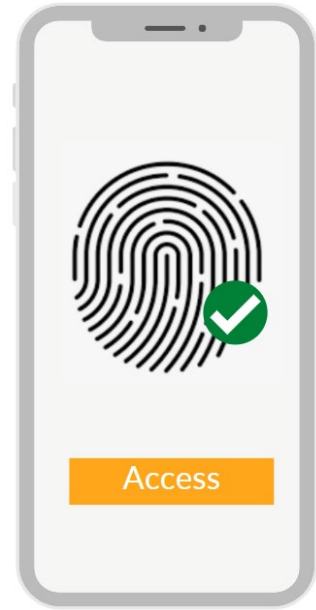


eConsent in Medical Device Clinical Investigations

Broadcast starts at
15.00 CET on Dec. 17th 2020



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Today's Hosts



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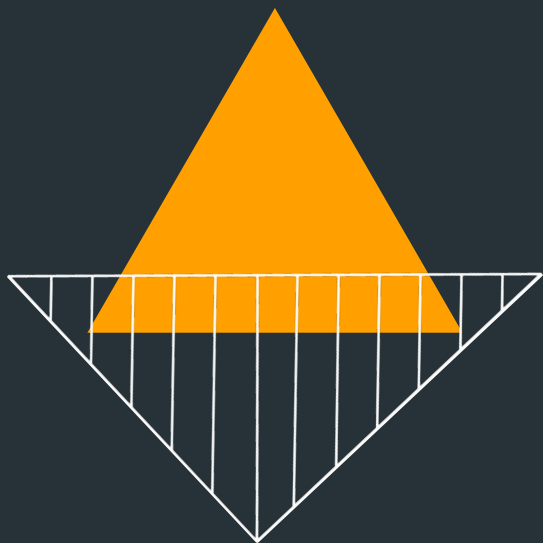
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Today's Agenda

- Definitions
- eConsent variations
- Compliance
- Case examples
- FAQ and Q&A



What is a consent?



1 Informed
Consent

2 Data Processing
Consent

The Consent **Process**

● Objective

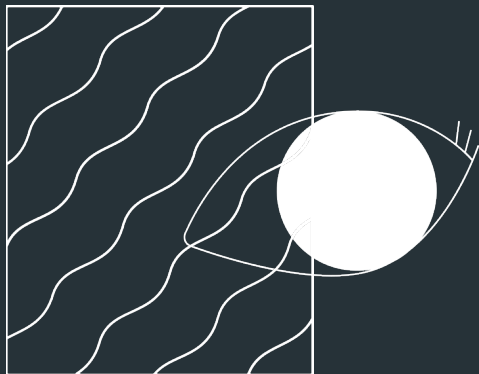
● Rights & Risks

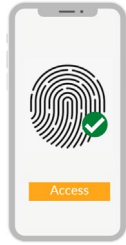
● Ethics

● Acceptance

eConsent

Digital reproduction of the
same process





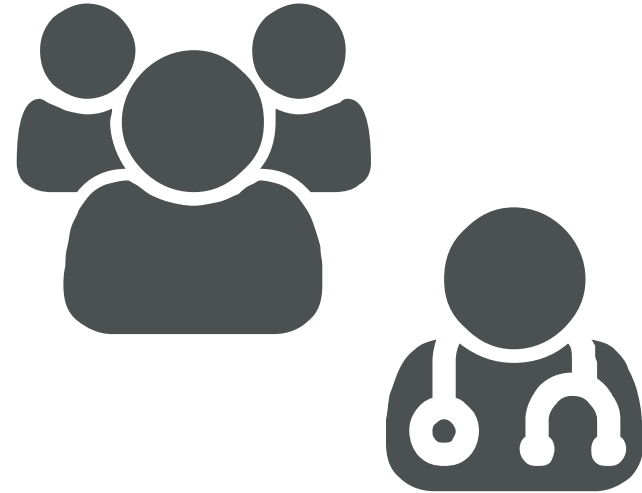
Electronic



Traditional

Actors Involved

- Clinicians
- Patients
- Guardians / relatives



Electronic Signatures

Electronic Signature



Samuel

Biometric Signature



Samuel

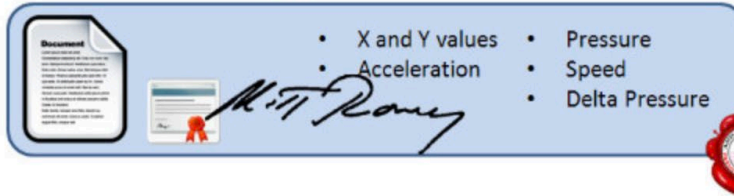
- X and Y values
- Acceleration
- Pressure
- Speed
- Delta Pressure

Digital Signature



NEM ID

*Advanced
Biometric Signature
using Digital Signature*



- X and Y values
- Acceleration
- Pressure
- Speed
- Delta Pressure

eConsent

Variations

eConsent Variations



Subject Only

Subjects “registers” and accepts consent without active involvement



Subject & Investigator Remotely

Subject & Investigator sign remotely (e.g., after a conference call)



Subject & Investigator on-site

Patient & Investigator sign electronically but in person

Regulatory Compliance

What to watch out for

- eConsent vs eSignature
- Most countries accept eConsent
- Not all countries accept both for clinical investigations



Regulatory Compliance

Where is eConsent and eSignatures allowed for clinical investigations



Regulatory Compliance

Guidelines and laws

● FDA Guidance

● Joint statement from MHRA

● German law

GUIDANCE DOCUMENT

Use of Electronic Informed Consent in Clinical Investigations – Questions and Answers



The screenshot shows the official website of the German Medicines Act (Arzneimittelgesetz). At the top, there are logos for MHRA (UK), Ymchwil Iechyd a Gofal Cymru (Wales), NHS Scotland, HSC (Northern Ireland), and the NHS Health Research Authority. Below these, the German Federal Government logo and the Bundesministerium der Justiz und für Verbraucherschutz are visible. The main content area is titled 'Gesetz über Medizinprodukte' and includes a navigation menu on the left with links like 'Startseite', 'Gesetze / Verordnungen', 'Aktualitätendienst', etc. The main text area displays the 'Gesetz über Medizinprodukte' and provides links to the full text in HTML, PDF, XML, and EPUB formats. It also includes a table of contents with sections like 'Inhaltsübersicht', 'Erster Abschnitt', 'Zweiter Abschnitt', and 'Dritter Abschnitt'.

Signature Frameworks

eSignature frameworks

eIDAS

- Regulation (EU) No 910/2014 establishes an EU-wide legal framework for electronic signatures.

FDA CFR21 Part 11

Regulatory guidance on Electronic Records;
Electronic Signatures - Scope and Application



Deciding **Factors**

- **Why do I need eConsent and to what degree?**
- **What variation suits my study design?**
- **Where's it supported?**



Case

Examples

Case Example #1

SUBJECT ONLY

COVID-19 Cohort



- All subjects registered online and read Informed consent
- Consent provided using the “Ice-Key” (validated digital signature)
- SMART-TRIAL enrolls subject and questionnaires are sent to participants

Case Example #2

- Device trial fully remote following to MHRA guidelines (other research)
- Built-In SMART-TRIAL “ink like” signature
- eConsent conducted via remote consultation

SUBJECT & PI SIGN REMOTELY

FAQ

eConsent

Common Questions

- Do you have to use validated vendor for eSignature?
- How can subjects withdraw their approval?
- Is video consultation always required?
- Can I combine eConsent with paper?



LIVE

Q&A

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