

RESEARCH IN CUMH

IMPROVING THE SAFETY OF LABOUR AND BIRTH

AI4LIFE II



We will study CTG (heart rate) readings together with information already recorded in the hospital during labour for babies born between 2019-2028.

We are looking for patterns to develop an AI system that may help doctors and midwives recognise when a baby might need extra support.



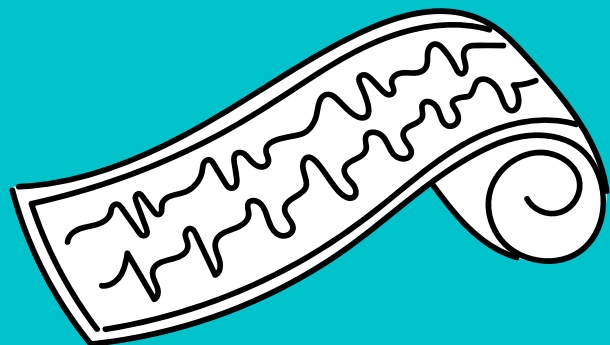
WHAT IS A CTG (CARDIOTOCOGRAPH)

A monitor used during pregnancy and labour to:

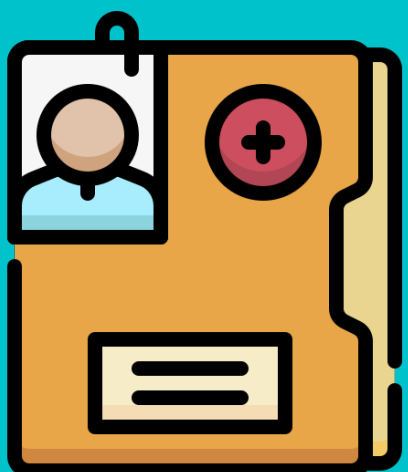
- Check the baby's heartbeat
- Records the mother's contractions

It uses soft sensors placed on the mother's tummy. It does not hurt the mother or the baby.

WHAT INFORMATION WILL WE USE?



CTG Recordings



Information that is recorded in your and your baby's hospital chart

WHO IS DOING THE RESEARCH



This research is being carried out by University College Cork (UCC) through the INFANT Research Centre, working together with staff in Cork University Maternity Hospital (CUMH).



YOUR PRIVACY



- Only a small number of authorized UCC research and hospital staff prepare the dataset.
- Only authorized researchers will see your names, dates of birth, addresses, or identifiers.
- Your name will be replaced with a code so when the dataset is transferred to UCC you will be identified by a code only.
- No new information is collected from you.



THIS STUDY HAS RECEIVED ETHICAL APPROVAL FROM THE CLINICAL RESEARCH ETHICS COMMITTEE AND A CONSENT DECLARATION GRANTED FROM THE HEALTH RESEARCH CONSENT DECLARATION COMMITTEE (HRCDC)

YOU CAN OPT OUT

- Scan the QR Code below
- CUMH PI: mairead.oriordan@hse.ie
- Data Manager: teresa.berkery1@hse.ie

Once data is fully anonymized (in early 2029) opting out will no longer be possible.



Find out more about our Research, your rights and our contact details



Email INFANT: elevate@ucc.ie

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www.infantcentre.ie