



Educational CTG App

SKILL-UP Monitor

KKG-5

Quick Start Guide

Designed to simulate a clinical Cardiotocography (CTG) monitor, this educational app supports training in CTG interpretation and assessment.



Watch the how-to video

Scan the QR code or open the URL below to view the video.

https://www.youtube.com/watch?v=9FsXS_FV_3lo



1 Prepare

Compatible Devices

Install the **CTG SKILL-UP Monitor** app on an iPad or Android tablet.

Internet connection is required only during the initial startup.

2 Select a mode

Select the operating mode according to the training purpose.

Instructor's Monitor

- Manage training sessions
- Play and stop cases
- Configure event settings
- Modify maternal vital signs

Learner's Monitor

Observe and interpret CTG tracings.

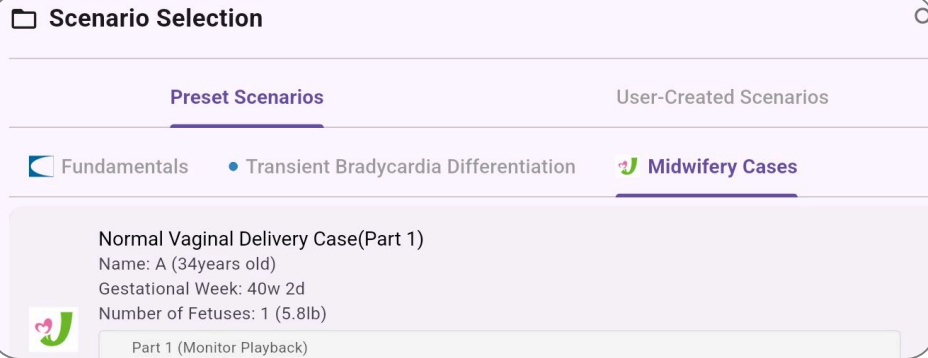
Displays vital signs only; controls are disabled.

Case Editor

Create and edit original cases by modifying fetal heart rate tracings and maternal vital signs. (See step.4 below)

3 Select a case

Select a case and start playback.

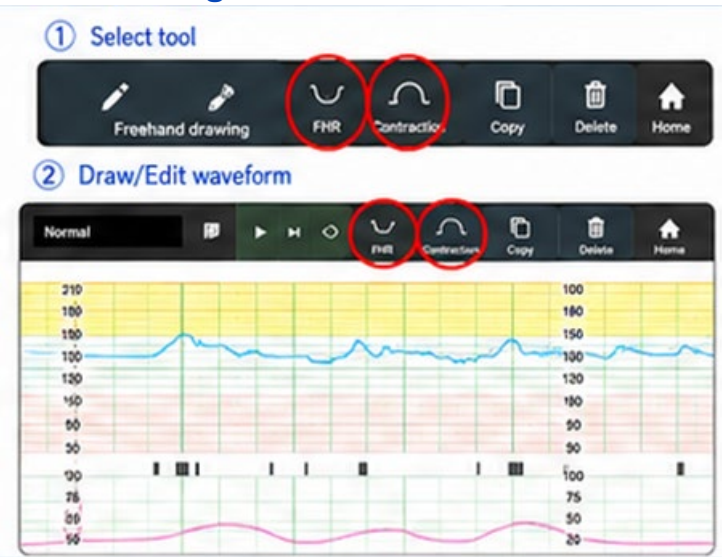


1 Editing waveforms and maternal vital signs

A Waveforms editing

Instructor's Monitor only

1. Select **FHR** or **Contraction** from the toolbar.
2. Draw or edit the waveform.
3. Edit during playback as required.



B Maternal vital signs

Instructor's Monitor only

1. Select the parameter to edit.
 - Maternal heart rate (MHR)
 - Blood pressure (BP)
 - Oxygen saturation (SpO₂)
 - Respiratory rate (RR)
 - Body temperature (Temp)
2. Changes are reflected immediately.
3. Updated values are synchronized with the Learner Monitor.

① Select a maternal vital item to change



Display after change (SYNC)

Instructor's Monitor



Learner's Monitor



Key points

- Simulate changes in patient condition by adjusting waveforms and vital signs.
- Features preset and custom cases for different learning objectives.
- Support observation and CTG interpretation practice.

Main features



Case library

Stores a range of cases



Playback control

Play, pause, fast-forward, and rewind



Annotation

Record key events



Data storage

Save and manage session data

Tips for effective training

- ✓ Share the learning objectives before training.
- ✓ Focus on changes in fetal heart rate patterns.
- ✓ Encourage team discussion.
- ✓ Reinforce learning through debriefing.

Intended use

- For education and training only.
- Not for clinical assessment or diagnosis.
- Not a medical device.

System requirements

- iPadOS 13 or later
- Android 8.0 or later
- Display size: 8 in or larger recommended

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