## Fetal Spiral Electrode (FSE)
## 9898 031 37631

***Pull-Push Handle***
keeps spiral tip safely retracted in guide tube until ready for attachment

Attachment Electrode
9898 031 39771

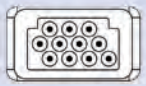
DECG Reusable Legplate Adapter Cable (4 available)

**PHILIPS**

## DECG Reusable Legplate Adapter Cable

**9898 031 37651**
Philips, Agilent, HP:

**9898 031 37791**
GE Corometrics:
115, 116, 118, 119, 173, 174
Adapters 1442AAO, 1442BAO



**9898 031 37801**
GE Corometrics:
120, 126, 128, 129

**9898 031 37811**
Spacelabs IM77

## Using the DECG Reusable Legplate Adapter Cable

**Check**
that the cleaning port cover is closed

**Connect**
legplate adapter cable to fetal module/monitor

**Snap**
legplate adapter cable onto attachment electrode

**Press**
attachment electrode onto the mother's leg

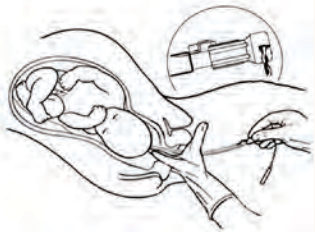
**Verify**
that yellow FSE connector is dry, wipe if needed

**Plug**
FSE connector into legplate adapter cable

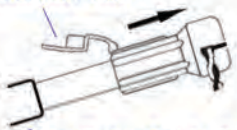
**After Use**
If needed, use the cleaning port to flush and clean the legplate adapter cable
(refer to *DECG Reusable Legplate Adapter Cable Instructions for Use*)

# Using the Pull-Push Handle
# Fetal Spiral Electrode (FSE)

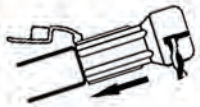
**Insert**
FSE guide tube and gently hold it flat against fetal presenting part while performing steps below



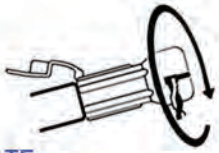
**Pull**
handle back to release protection tab from outer guide tube



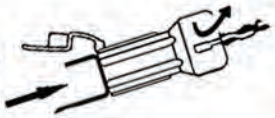

**Push**
handle forward toward outer guide tube until you feel spiral tip contact the presenting part



**Turn**
handle CLOCKWISE until mild resistance indicates full attachment, typically 1 full turn, using protection tab as a turning guide
**WARNING: DO NOT OVER ROTATE**



**Release**
wires from notch, then grasp guide tube and slide both applicator tubes off wires



**Connect**
FSE connector to Adapter Cable - refer to *Using the DECG Legplate Adapter Cable* on this card

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# Objectives
# Fetal Spiral Electrode (FSE)

## Instructor Notes

Use the following objectives to introduce clinicians to the Fetal Spiral Electrode (FSE):

- Explain how to set up the FSE, attachment electrode, and DECG reusable legplate adapter cable.
- Refer to the *Instructions for Use* shipped with the FSE and legplate adapter cable for set-up details.
- Explain that yellow color-coded components indicate product compatibility.
- Explain how to insert the FSE.
- Demonstrate how to attach the FSE using the Philips simulator (or a similar tool that represents the fetal presenting part).
- Demonstrate safe removal of FSE from the fetal simulator: grasp the wires as close as possible to the fetal presenting part, turning counter-clockwise until spiral tip comes free. **WARNING: Do not pull the spiral tip out of the fetal skin, and do not pull the wires apart.**

## Participant Learning Objectives

After completing this training, you should be able to:

- Identify FSE product safety features.
- Demonstrate how to use the FSE pull-push handle.
- Demonstrate how to *attach* and *detach* the FSE using the fetal simulator.
- Explain how to connect the FSE, legplate adapter cable, and attachment electrode.

Answers to *Check Your Knowledge*:
1. a. guide tube b. spiral tip c. protection tabd. pull-push
2. 6, 4, 2, 1, 5, 3
3. A

# Check Your Knowledge
# Fetal Spiral Electrode (FSE)

**1.** Fill in the blanks using the terms *spiral tip, pull-push, protection tab, guide tube.*

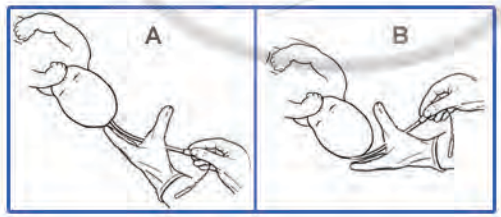
a. Removed by sliding it over the lead wires:
_____

b. Inserted into the presenting part:
_____

c. Secures the spiral tip in its protected position until ready for attachment:
_____

d. Describes how to use the FSE handle:
_____

**2.** Number the following steps in the order in which you should apply the FSE:

| STEP | DESCRIPTION |
|---|---|
| _____ | Connect the electrode to the legplate adapter cable |
| _____ | Turn handle clockwise until mild resistance indicates full attachment |
| _____ | Pull handle back to release protection tab |
| _____ | Insert guide tube and hold it flat against the presenting part |
| _____ | Release wires from notch then pull guide tube back to slide both application tubes off the electrical wires |
| _____ | Push handle forward until you feel spiral tip contact fetus |

**3.** Which illustration is correct? _____