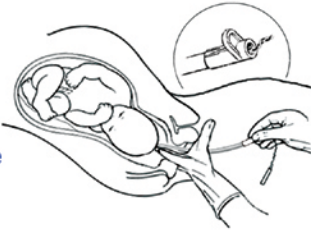


Using the Twist-Push Handle Fetal Double-Spiral Electrode (FDSE)

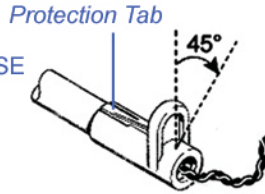
Insert

FDSE guide tube and gently hold it flat against fetal presenting part while performing steps below



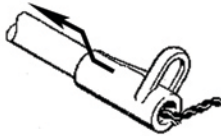
Twist

handle 45-degrees **CLOCKWISE** to unlock Protection Tab



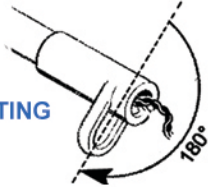
Push

handle forward, sliding it over the outer guide tube until you feel spiral tips contact the presenting part



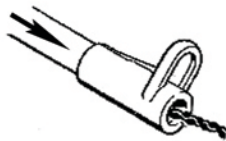
Turn

handle **CLOCKWISE** until mild resistance indicates full attachment
WARNING: NEVER TURN MORE THAN 1/2-TURN AFTER CONTACTING PRESENTING PART



Pull

outer guide tube back to slide both applicator tubes off wires



Connect

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



FDSE Connector

Objectives Fetal Double-Spiral Electrode (FDSE)

Instructor Notes

Use the following objectives to introduce clinicians to the Fetal Double-Spiral Electrode (FDSE):

- Explain how to set up the FDSE, attachment electrode, and legplate adapter cable.
- Refer to the *Instructions for Use* shipped with the FDSE and legplate adapter cable for set-up details.
- Explain that yellow color-coded components indicate product compatibility.
- Explain how to insert the FDSE.
- Demonstrate how to attach the FDSE using the Philips simulator (or a similar tool that represents the fetal presenting part).
- Demonstrate safe removal of FDSE from the fetal simulator: grasp the wires as close as possible to the fetal presenting part, turning counter-clockwise until spiral tips come free. **WARNING: Do not pull the spiral tips 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 FDSE product safety features.
- Demonstrate how to use the FDSE twist-push handle.
- Demonstrate how to *attach* and *detach* the FDSE using the fetal simulator.
- Explain how to connect the FDSE, legplate adapter cable, and attachment electrode.

Answers to Check Your Knowledge:
1. a. guide tube b. spiral tips c. protection tab d. twist-push
2. 6, 4, 2, 1, 5, 3
3. A

Check Your Knowledge Fetal Double-Spiral Electrode (FDSE)

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

a. Removed by sliding it over the lead wires:

b. Inserted into the presenting part:

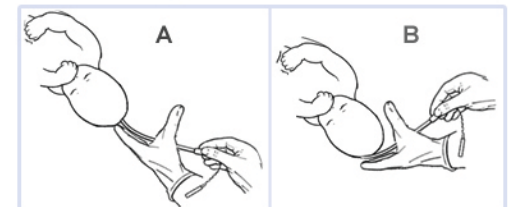
c. Secures the spiral tips in their protected position until ready for attachment:

d. Describes how to use the FDSE handle:

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

STEP	DESCRIPTION
_____	Connect the electrode to the legplate adapter cable
_____	Turn handle clockwise until mild resistance indicates full attachment
_____	Twist handle 45-degrees clockwise to unlock protection tab
_____	Insert guide tube and hold it flat against the presenting part
_____	Pull guide tube back to slide both application tubes off the electrical wires
_____	Push handle forward until you feel spiral tips contact fetus

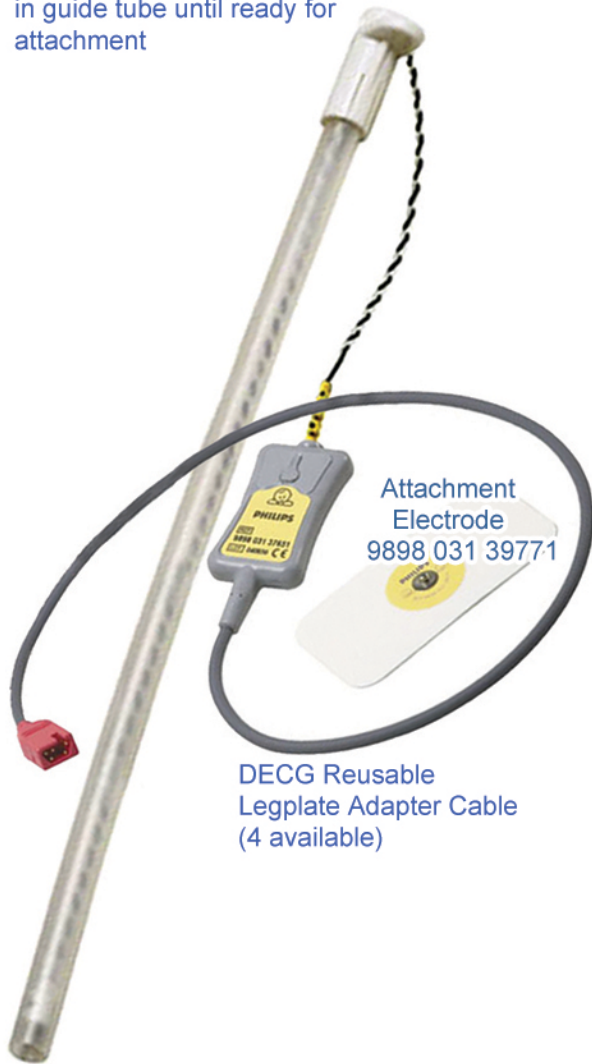
3. Which illustration is correct? _____



Fetal Double-Spiral Electrode (FDSE)
9898 031 37641

Twist-Push Handle

keeps spiral tips safely retracted in guide tube until ready for attachment

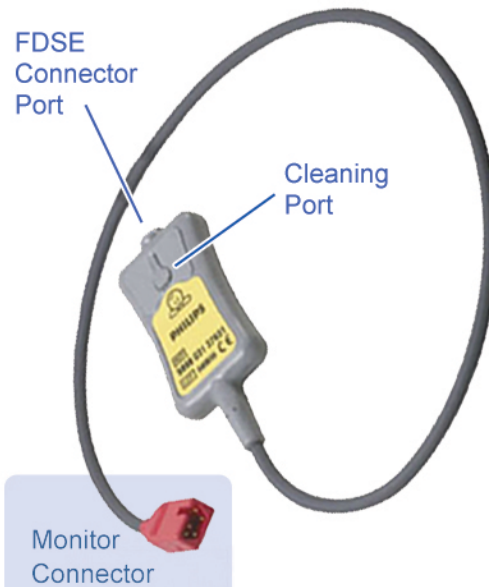


Attachment
Electrode
9898 031 39771

DECG Reusable
Legplate Adapter Cable
(4 available)

PHILIPS

**DECG Reusable Legplate
Adapter Cable**



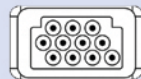
Monitor
Connector



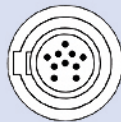
9898 031 37651
Philips, Agilent, HP



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

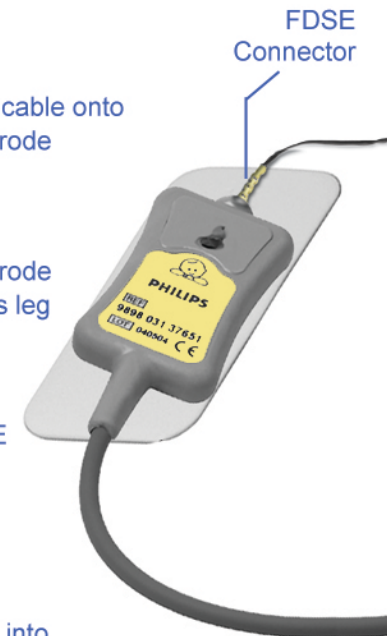
that yellow FDSE
connector is dry,
wipe if needed

Plug

FDSE 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*)



FDSE
Connector