



TALK SERIES

How to Manage Medical Device Incidents

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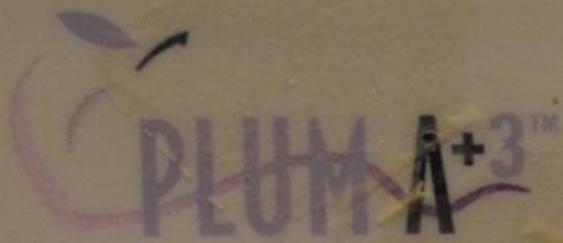
Medical Device Incident

A patient care provider
has a clinical objective
that requires a medical device
but is unable to achieve the objective
and harm occurs.

1. Take care of the patient



3

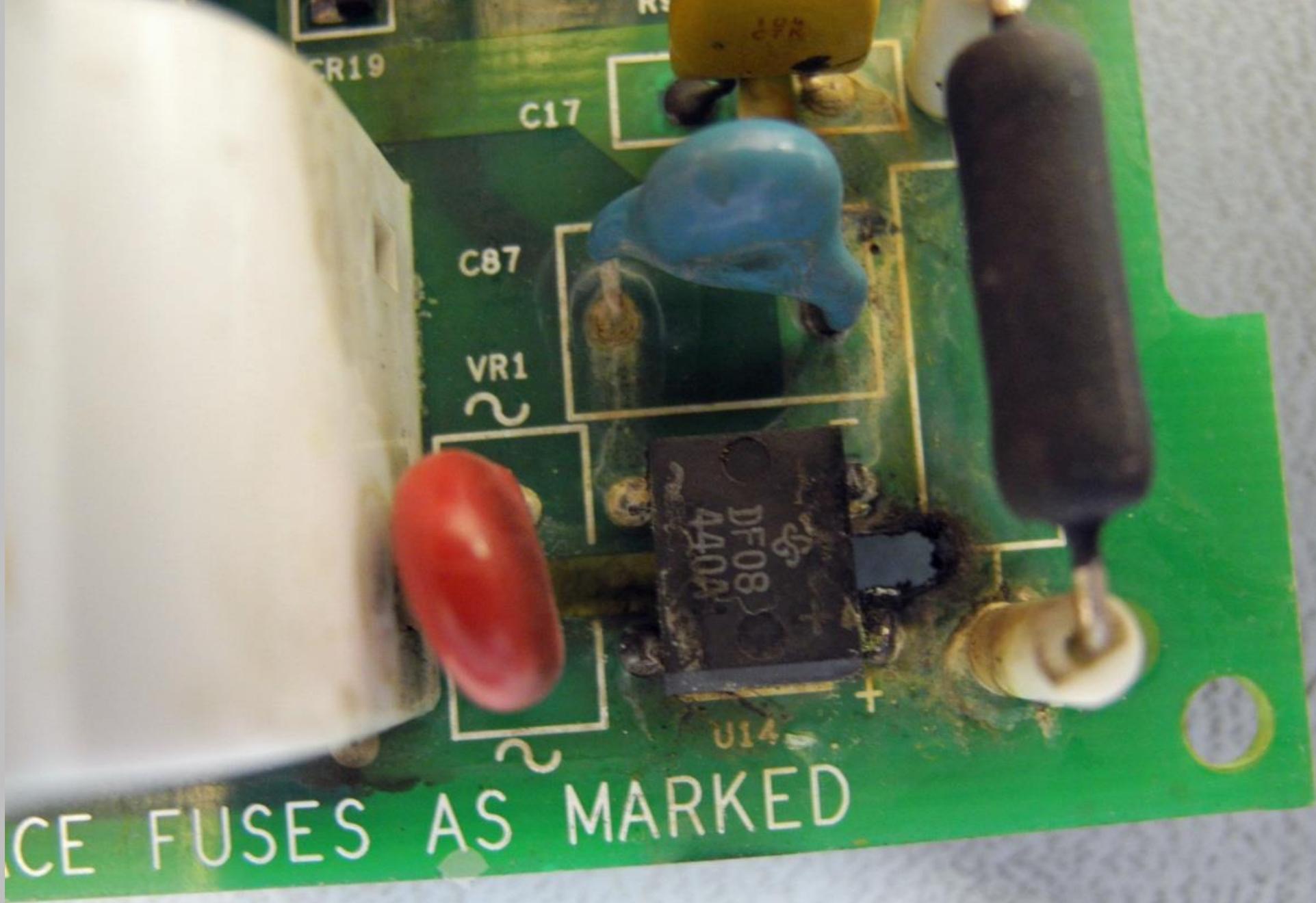
**PLUM A+3™**

PULL


**Close
Lever**

PULL

Clos
Lev



CE FUSES AS MARKED

2. Report internally

Report an event Click on the icon that describes the event. Don't see what you need? Click on "Other".



Fall



Medication



Adverse Drug Rxn



Medical Device



Unsafe Behaviour



Laboratory



Blood



Wound / Skin Injury



Medical Imaging



Perinatal



Surgical Count



Narcotic Count



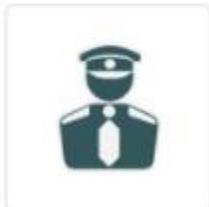
Safety Hazard



Action ADE



Visitor Safety



Security / Property



Reportable Death



Other

3. Sequester the device

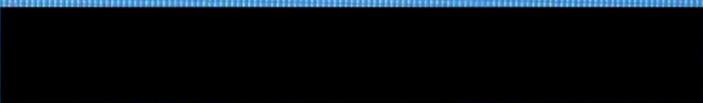
- Out of service and locked up
- Preserve disposables and packaging
- Preserve the settings
- Plug in the device

4. Preserve patient data

- Paper records: hand-written notes, printouts, etc.
- Electronic Medical Record (EMR) systems
- Medical device event and alarm logs



Passive AC



Setup

Menu ▶ Event Log

50/256

▲	High Vte	3388.0	927
	Low Expiratory Pressure	2.9	2
	Check Circuit	0.5	12
	Check Circuit	0.5	9
▼	Check Circuit	0.5	43

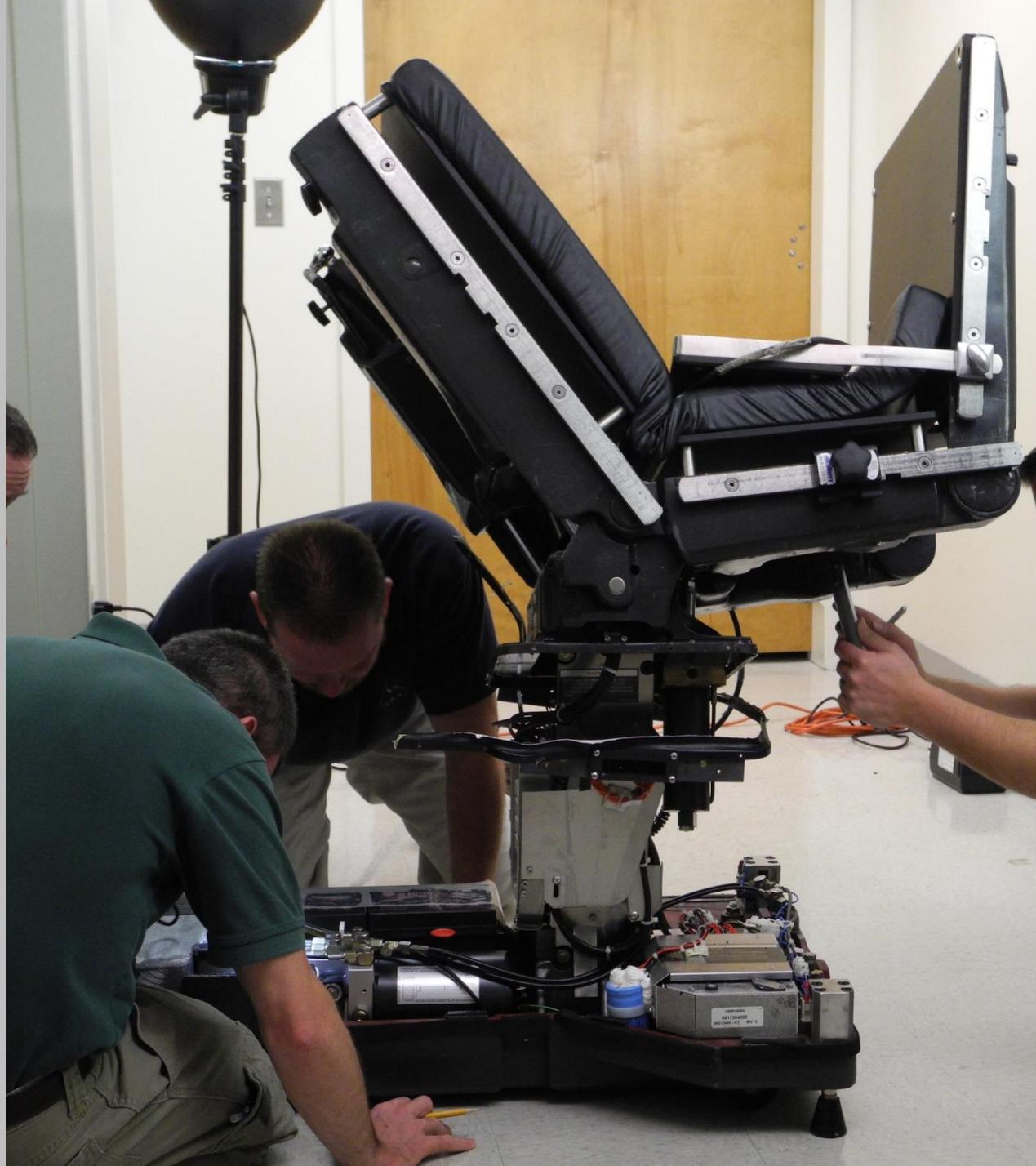
Finish

Page

Clear

5. Investigate the incident





6. Report externally

U.S. Food and Drug Administration (FDA)

- Safe Medical Devices Act (SMDA)
- Medical Device Reporting (MDR) System

MAUDE - Manufacturer and User Facility Device Experience

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The MAUDE database houses medical device reports submitted to the FDA by mandatory reporters ¹ (manufacturers, importers and device user facilities) and voluntary reporters such as health care professionals, patients and consumers.

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Help



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Product Problem

Product Class

Event Type

Manufacturer

Model Number

Report Number

Brand Name

Product Code

Date Report Received

by

FDA (mm/dd/yyyy)



to



[Go to Simple Search](#)

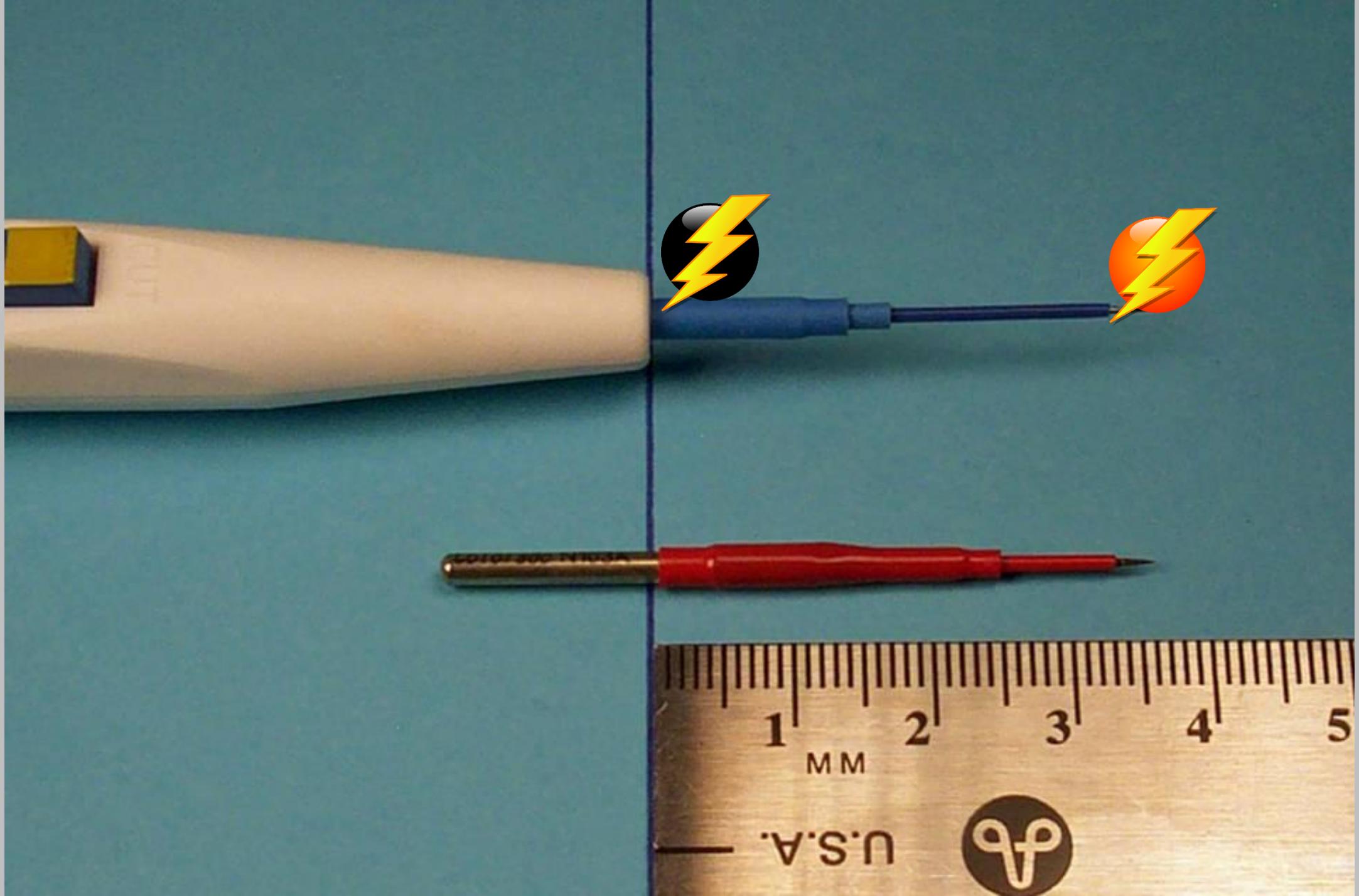
10

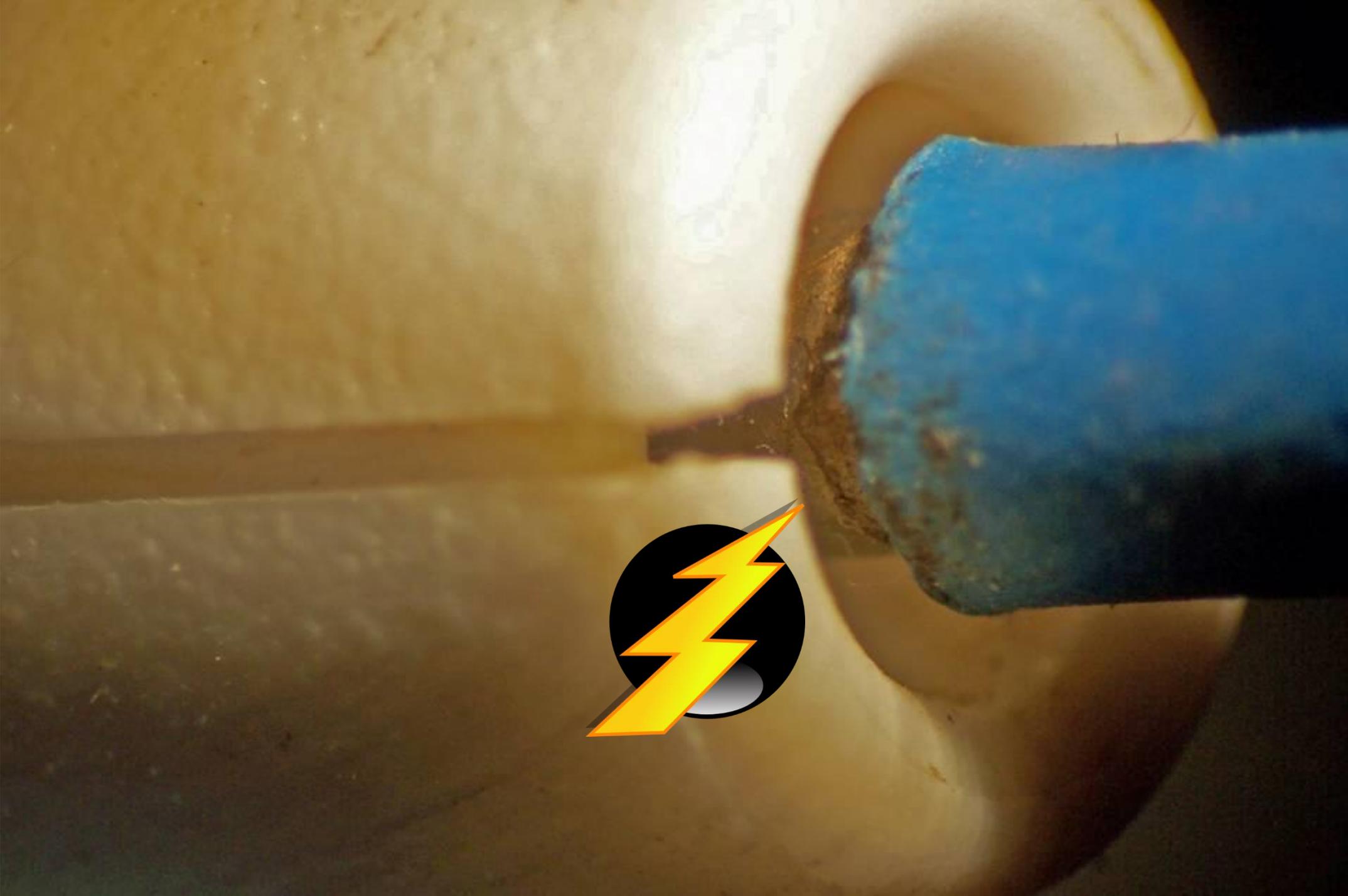


Records per Report Page

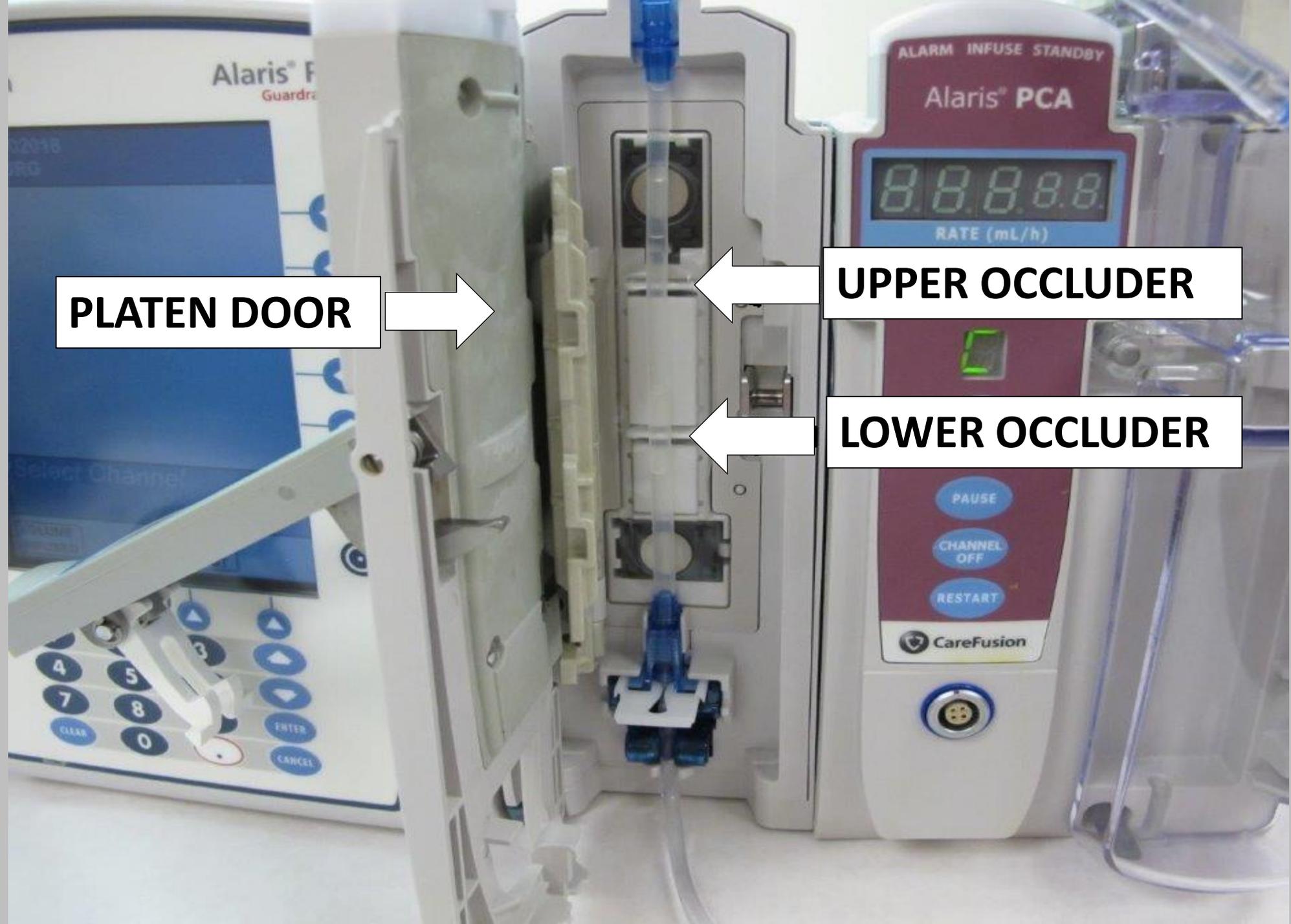
[Clear Form](#)

Search





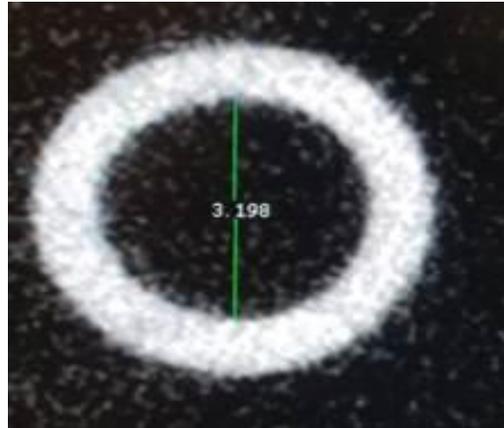
7. Avoid recurrences



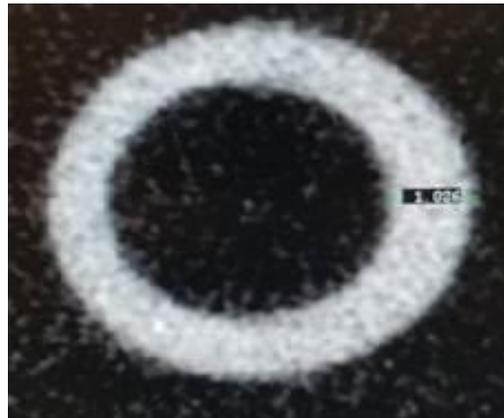
PLATEN DOOR

UPPER OCCLUDER

LOWER OCCLUDER



Exemplar Tubing: wall thickness is uniform (Good)



Incident Tubing: wall thickness is non-uniform (Bad)

1. Take care of the patient
2. Report internally
3. Sequester the device
4. Preserve patient data
5. Investigate the incident
6. Report externally
7. Avoid recurrences



Thank you!

