

Definition of Medical Event in Permanent Implant Brachytherapy

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On behalf of the American
Brachytherapy Society (ABS)

CFR 10 Part 35

Medical Event:

- Wrong patient
- Wrong site
- Wrong isotope
- Wrong dose

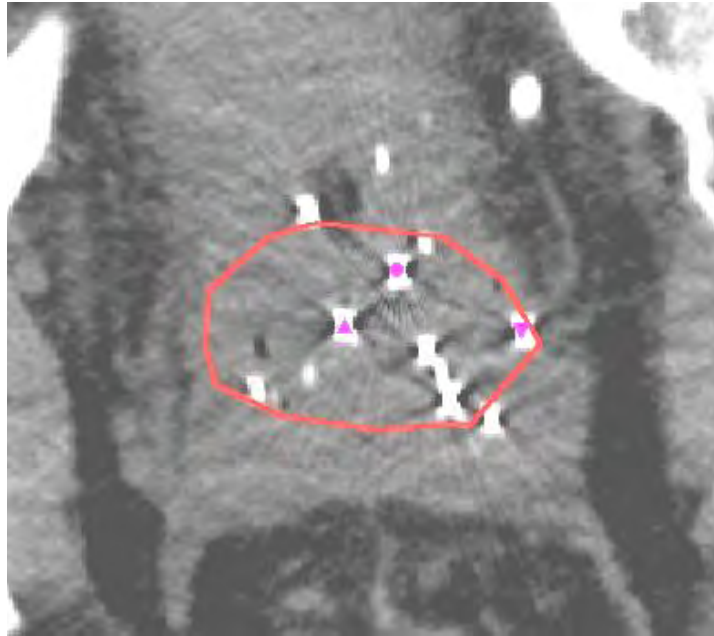
Medical Event

“total dose delivered differs
from the prescribed dose
by 20 percent or more”

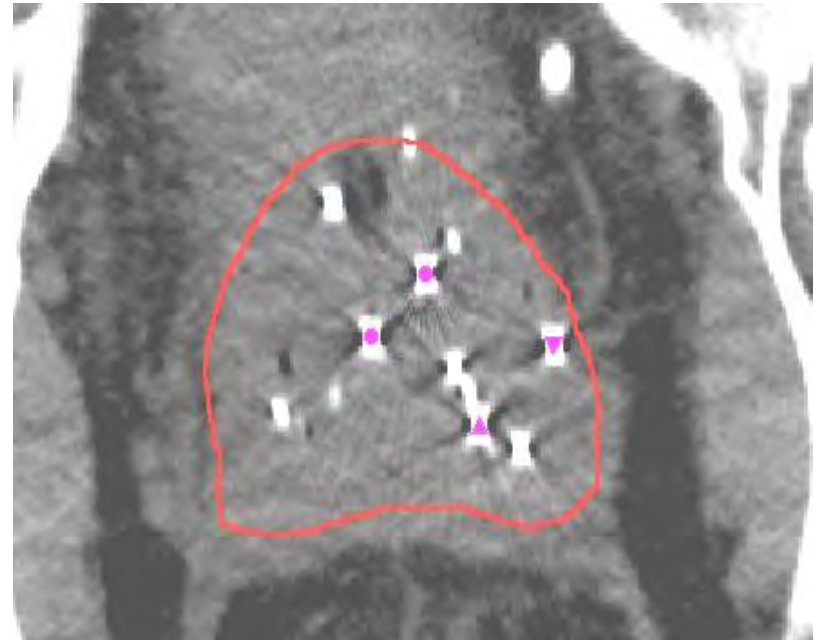
Absorbed Dose

- Volume changes
- Timing of Imaging
- Modality of Imaging
- Contouring variation

Inter-observer Variability

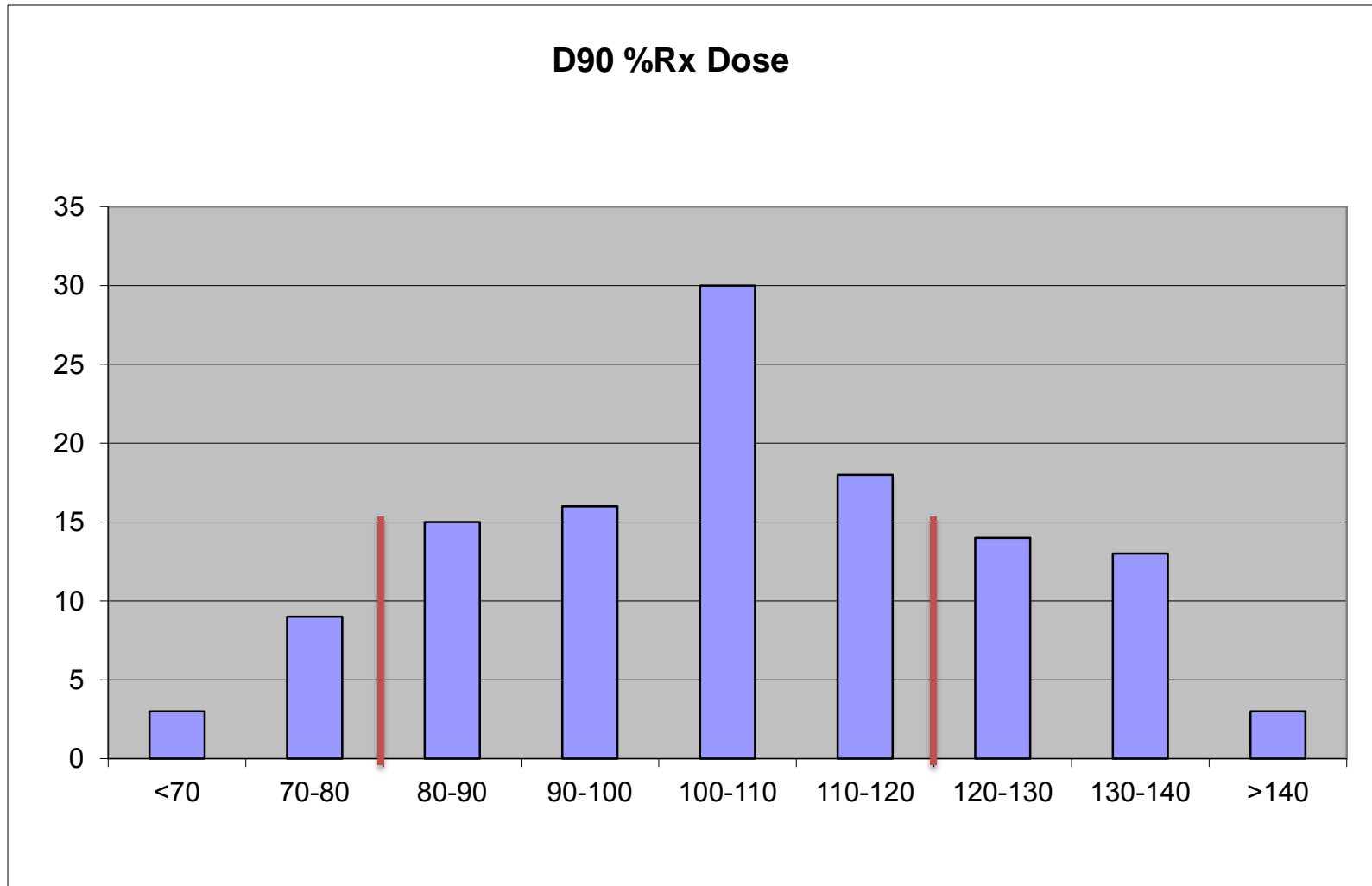


52 cc



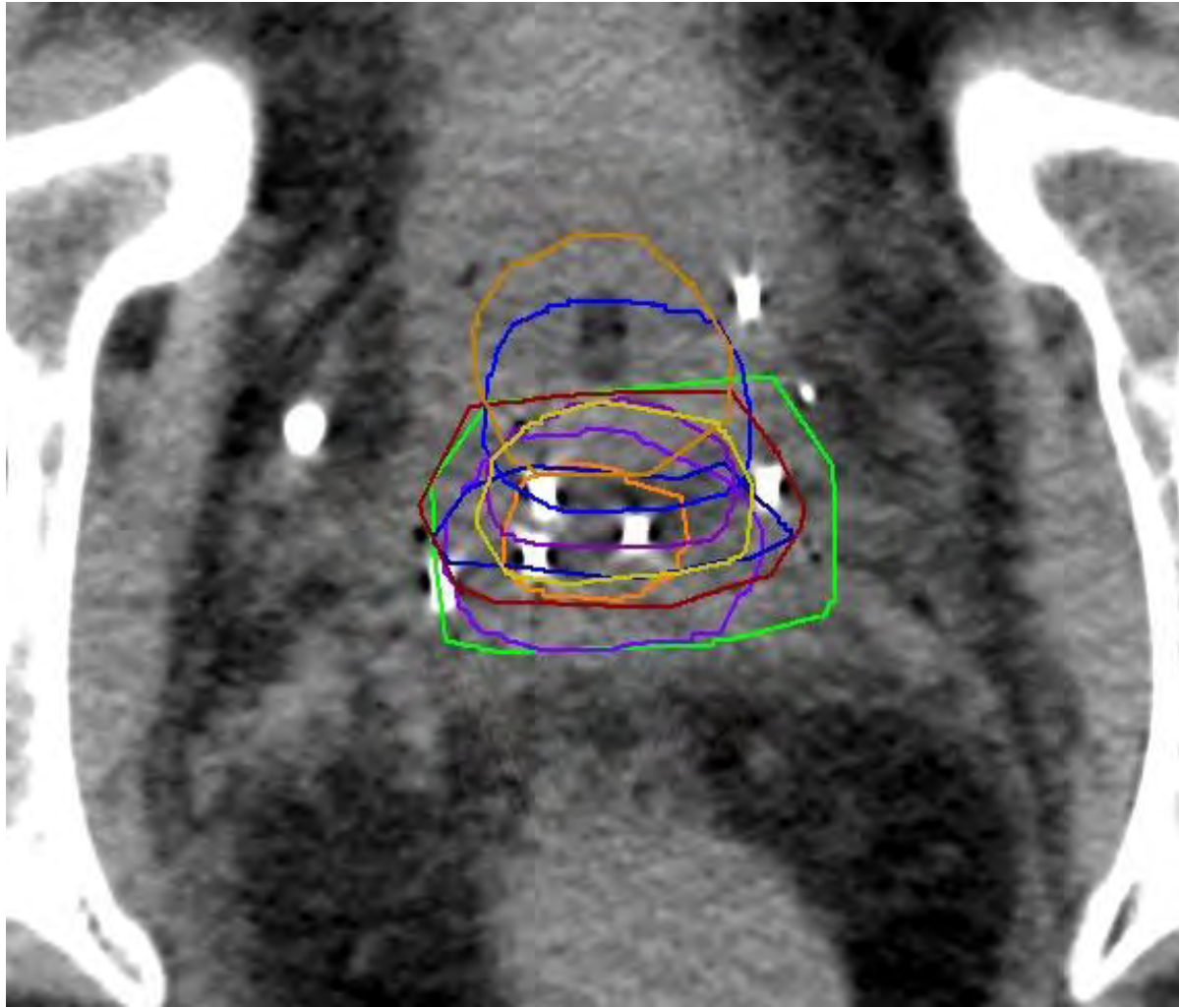
80 cc

RTOG 0019-Postimplant Dosimetry



35% of cases ME!

“Expert” contours?



Proposed Changes

The new changes puts the onus on the AU for things that they can control; not the things they cannot.

Proposed Changes

- Simple, relevant
- Supported by ABS
- Clarity will increase use
- Opportunity to educate