



**Medical Events Subcommittee
Report (FY 2018)
Reported 10/01/17 – 9/30/18**

Ronald D. Ennis, M.D.
Advisory Committee for the Medical Uses of Isotopes
September 10, 2019



Subcommittee Members

- Ronald D. Ennis, M.D. (Chair)
- Richard Green
- Darlene Metter, M.D.
- Michael Sheetz
- Harvey Wolkov, M.D.

- NRC Staff Resource: Donna-Beth Howe, Ph.D.



	FY 2013	FY 2014	FY 2015	FY 2016	FY2017	FY2018
35.200	2	6	4	8	6	0
35.300	2	4	7	5	4	2
Manual brachy	16	5	8	7	5	13
HDR	8	9	13	5	14	10
GK	2	1	8	3	0	1
Microsp heres	13	24	18	26	23	19
RSL/intr avascul ar brachy	1/0	1/0	1/0	0/0	2/0	1/1



Conclusions

- No concerning trends or emerging new issues have been reported.
- One potential new issue is emerging – There is an increasing use of radiopharmaceuticals of high activity and high volume. This increases the risk of MEs and of their potential for serious medical consequences.
- Full trend analysis of MEs over a several year period will be performed in 2020.

Acronyms

- FY - Fiscal Year
- HDR - High Dose-Rate
- GK - Gamma Knife
- IVB - Intravascular Brachytherapy
- ME - Medical Event
- Micro-Sph - Micro-Spheres
- RSL - Radioactive Seed Localization