HSRAC Approvals for Diagnostic Imaging

**Definitions**
- IRB: Institutional Review Board
- HSRAC: Human Subjects Radiation Approval Committee - Joint subcommittee of SCCA RSC and UW RSC.
- RSC: Radiation Safety Committee

**Stakeholders**
- **HSRAC Members**
  - Diagnostic Imaging: X-ray/CT/PET/Fluoroscopy
    - Kalpana M. Kanal, PhD, DABR, FACR, FAAPM, FSCBTMRT, kanal@uw.edu
    - David A. Zamora, MS, dzmamora@uw.edu
  - Nuke Med Therapy: I-131, Y-90, Lu-177, At-211, Ra-227, In-111
    - Jean H. Lee, MD, jeanhlee@uw.edu – SCCA
    - Hubert J. Vesselle, PhD, MD, vesselle@uw.edu – UW
  - Radiation Therapy/Brachytherapy
    - Janice N. Kim, MD, janicenk@uw.edu – SCCA
    - Upendra Parvathaneni, MD, FRANZCR, upendrs@uw.edu – UW
  - Miscellaneous
    - Keith D. Eaton, MD PhD, kdeaton@uw.edu – SCCA Medical Oncologist
    - Patrick Clark, MD, pclarke@seattlecca.org – SCCA
    - Julie Anne Black, jblack@seattlecca.org, Associate Director Clinical Operations - SCCA
    - Kevin A. Makinson, PhD, CHP, kevinmak@uw.edu – UW Radiation Safety

**Notes**

**HSRAC Purpose**
The HSRAC is a subcommittee of the Radiation Safety Committees of both the Seattle Cancer Care Alliance (SCCA) and the University of Washington (UW) Radiation Safety Committees. Duties of the RSC are defined by regulation and include licensing activities and safety reviews which need to be carried out for each of the separately licensed institutions. However, advising the Institutional Review Boards (IRBs) regarding radiation use on human subjects can be accomplished with a single committee of radiation experts representing both institutions. A single Human Subjects Radiation Approval Committee (HSRAC) serves both SCCA and the UW Institutional Review Boards (and any of their contracted or affiliated HSRCS) in order to provide a uniform and simplified approval process for human subjects studies involving radiation, especially as research subjects move between the two institutions.

**Process Notes**

**Inputs**
- CT descriptions
- HSRAC application
- Dose database
- HSRAC policy
- Risk statements for diagnostic imaging
- Study Protocol
- IRB Documents

**Outputs**
- HSRAC Authorization Form

**Prepared by EH&S**

**Notes**