

RADIATION THERAPY EQUIPMENT DECOMMISSIONING SERVICES



COBALT-60 REMOVAL/DISPOSAL

Now, a budget-friendly way of removing and disposing of older, used Gamma Knife® systems with cobalt-60 sources.

- ✓ **Decommission an older system no longer in use**
- ✓ **Free up space for a newer system**
- ✓ **Free up dollars for your next equipment project**
- ✓ **Complies with all USNRC/USDOT RAM QC directives**

ROS Inc. and our partners have developed the tooling, procedures and personnel to decommission Gamma Knife® Model B and newer cobalt-60 Irradiators. 25+ years of experience in source and device manufacture and disposal will ensure the necessary expertise to execute this project safely and efficiently.



LINAC REMOVAL/DISPOSAL

- Review site requirements
 - Assess rig path and floor
 - Schedule
 - Removal takes 1-4 days
 - Base frame removal takes 1-3 days



RADIOLOGY
ONCOLOGY
SYSTEMS

GAMMA KNIFE® REMOVAL/DISPOSAL PROGRAM

- Perform site visit to confirm rigging and logistics requirements.
- Scheduling personnel and cask availability - typically 60 days. Complete Regulatory notifications.
- Deliver decommissioning equipment to hospital.

..... • COMMENCE DECOMMISSIONING

- Day 1 & 2: Dismantle Gamma Knife® unit and move into position for unloading.
- Day 3 & 4: Set up equipment for unloading.
- Day 5 & 6: Unload 201 cobalt-60 sources from Gamma Knife® Unit (Delays for stuck sources could add 1-2 days).
- Day 7: Package and ship sources, begin equipment tear down.
- Day 8: Finish loading equipment, move Gamma Knife® Unit for disposal.



COMPLETE PACKAGE INCLUDES

- Source Unloading (including utilization of Type B(U) transport packages)
- Source Transport (in compliance with all RAM QC directives)
- Source Disposal (Certificate of Possession Transfer to be issued)
- Device Disposal (Certificate of Possession Transfer to be issued): a turn-key operation where the customer is relieved of all future ownership and responsibility for the radioactive material and the device



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