



# King George's Medical University

Uttar Pradesh, Lucknow – 226003, India

**Prof. Madan Lal Brahma Bhatt**  
**Vice Chancellor**

KGMU/VC/411 / January 04, 2020

**Sub.: Decommissioning plan of Telecobalt/GammaKnife unit and safe management of disused Co-60 source(s)**

We understand that Telecobalt and Gamma Knife units houses highly radioactive Co-60 source(s). After useful life of these units, it is responsibility of the employer to decommission the disused unit and arrange for return of disused source(s) to supplier for its safe management with prior approval from AERB as per Atomic Energy (Radiation Protection) Rules, 2004 promulgated under Atomic Energy Act, 1962. We understand that decommissioning of the equipment and arrangement for safe return to supplier/export of source(s) to the country of origin involve considerable costs and hence, appropriate financial arrangement with the supplier is to be made for this purpose. The provision of financial arrangement will be helpful in carrying out decommissioning/return of disused unit/source(s) in normal scenario as well as in unlikely event of bankruptcy or other constraints. Therefore, decommissioning plan taking into account of the financial arrangements, in the requisite format is provided as follows:

e-LORA User Institution Number: **UP00003**

User Institution Name and City: **King George Medical University, Lucknow**

e-LORA Institution Number of Indian supplier of the equipment: **KA-29494**

Institution Name and City of Indian supplier of the equipment:

**TeamBest Theratronics Asia, Pvt. Ltd.**  
2/299A Plot No. 36, 5th Cross Street,  
V.G.P. Prabhu Nagar, Perumbakkam,  
Chennai – 600100

Institution Name and Country of foreign supplier of the source: **Best Theratronics Ltd., Canada.**

1. M/s. **King George Medical University, Lucknow (Telecobalt user)**, undertake that our hospital has decided that whenever we procure/replace source in a Telecobalt unit, Theratron 780 E, the Co-60 source for this unit will be supplied by **M/s Board of Radiation & Isotope Technology, Mumbai** through **TeamBest Theratronics Asia, Pvt. Ltd., 2/299A Plot No. 36, 5th Cross Street, V.G.P. Prabhu Nagar, Perumbakkam, V.G.P. Prabhu Nagar, Perumbakkam, Chennai – 600100.**
2. We, M/s. **King George Medical University, Lucknow (Telecobalt user)**, have prepared a **decommissioning plan in consultation with** Indian supplier of the equipment and made an agreement with M/s. **TeamBest Theratronics Asia, Pvt. Ltd., 2/299A Plot No. 36, 5th Cross Street, V.G.P. Prabhu Nagar, Perumbakkam, V.G.P. Prabhu Nagar, Perumbakkam, Chennai – 600100** in which we have included clause for **necessary financial arrangements which is to be made for decommissioning of the unit and return of the disused source(s) to the original supplier.**

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3. We hereby attach the copy of decommissioning plan incorporating the financial arrangement for your records.
4. We M/s. **King George Medical University, Lucknow**, hereby undertake that we will return the above radioactive source(s) for safe management, when it will be no longer useful for treatment purposes, to the original supplier (Country of origin - **Best Theratronics Ltd., Canada.**) as per Rule 21 (4) of the Atomic Energy (Radiation Protection) Rules, 2004 and regulatory requirement stipulated in clause no. 10.13 of AERB safety code on Radiation Therapy Sources, Equipment and Installations (Ref: AERB/RF-MED/SC-1 (Rev. 1)). We understand that on failing to comply with the above regulatory requirements, AERB may take appropriate regulatory action against our institution / Employer / Licensee as deemed fit under the provision of Atomic Energy Act, 1962 and Atomic Energy (Radiation Protection) Rules, 2004.
5. We, M/s **TeamBest Theratronics Asia, Pvt. Ltd.**, 2/299A Plot No. 36, 5th Cross Street, V.G.P. Prabhu Nagar, Perumbakkam, V.G.P. Prabhu Nagar, Perumbakkam, Chennai - 600100, hereby undertake that we have entered into an agreement for safe management of disused radioactive source supplied to **King George Medical University, Lucknow, which is to be housed in the Telecobalt unit, Theratron 780 E.** This agreement includes financial provision for decommissioning/safe management of the unit/radioactive source, subject to necessary regulatory clearance from AERB.

Signature of Employer of user institute

Name:

Designation:

Name & Address of the institute:

(Seal of the institution)

Signature of Employer of Indian supplier of the equipment

Name:

Designation:

Name & Address of the Indian supplier of the equipment:

(Seal of the institution)

**Enclosures:**

Copy of decommissioning plan which includes:

1. Aspects such as arrangement for availability of RSO, authorized supplier for decommissioning, availability of BARC certified Service Engineers, approved transport container & necessary tools and gadgets for decommissioning, appropriate radiation survey meter, and a written contingency plan in case of emergency, checking for contamination, contacting agency to accept disused source, safe transport as per

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regulation, intimation of completion of decommissioning etc. (kindly refer enclosed decommissioning guidelines in Annexure-1 for preparation of decommissioning plan).

2. Copy of agreement (duly authenticated by the employer of user institute and Indian Supplier) in which Indian supplier has agreed to assist the end user taking into account of the financial arrangements made by the end user.

*M L Bhatt*  
*11/07/22*

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LUCKNOW