



# Christian Hospital

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## Northwest HealthCare

**BJC** HealthCare

September 3, 2019

Magdalena Gryglak  
U.S. NRC Region III  
2443 Warrenville Road  
Suite 210  
Lisle, Illinois 60532-4352

**Licensee:** Christian Hospital; Dept. Of Nuclear Medicine

**Address:** 11133 Dunn Road; St. Louis, MO 63136

**RAML #:** 24-13383-01

Dear Ms. Gryglak:

This letter is in response to your email from August 28, 2019 requesting more information concerning a request from the above licensee, Christian Hospital, dated May 28, 2019.

Concerning Item 6D (Cs-137 sources):

The inventory of Cs-137 sealed sources listed in the ThermoFisher Scientific letter dated 7/19/2011 were previously possessed by Christian Hospital. Unfortunately we no longer have sealed source inventory nor leak test records for these sources as we have exceeded the record retention periods. On this same letter, R.M. Wester and Associates is listed as the recipients. This company was used to facilitate the transfer of the sealed sources to ThermoFisher Scientific.

Concerning items 6.E. through 6.G. (I-125, Pd-103, and Ir-192):

Please see the attached the most recent transfer record for Ir-192 seeds in nylon ribbons. The acknowledgement of receipt is dated February 16, 2011.

Should you require additional information, please do not hesitate to contact me.  
[Emily.chasteen@westphysics.com](mailto:Emily.chasteen@westphysics.com)

Sincerely,

Emily Chasteen, M.S., DABR  
Radiation Safety Officer





**BEST MEDICAL INTERNATIONAL, INC.**

*6 mu/r sub*

### IRIDIUM 192 RETURN FORM

BEST MEDICAL INTERNATIONAL, INC. is authorized by the U.S. Nuclear Regulatory Commission license number 45-19757-01 to receive Iridium 192 seeds. BEST MEDICAL INTERNATIONAL, INC. packaging meets Department of Transportation specification for 7A, Type A.

#### SHIPPER'S CERTIFICATION

Please complete the following for return shipment:

Radioactive Material: Iridium 192 seeds in nylon ribbons

Total Activity: 13.33 mCi as of: 02/11/2011

Total Number of Seeds: 30

Container Serial Number: 21270 / # 1001A

Shipper's Hospital Name: Christina Hospital

Phone Number: 314-683-4350

Address: 11133 Dura Road  
ST. LOUIS, MO 63136

Purchase Order Number: 0010665-0000

Date: 2/11/2011

By: John Churro / medical physicist

Print Name and Title

Retain one copy for your records  
Return one copy in shipping container

Authorized Signature

7643 Fullerton Road  
Springfield, VA 22153



703-451-2378  
800-336-4970

FAX: 703-451-5228  
WWW.BESTMEDICAL.COM





Best Medical International, Inc.

healthcare for everyone

To: Hospital Name: CHRISTIAN HOSPITAL  
Address: RADIATION ONCOLOGY  
11133 DUNN ROAD  
ST. LOUIS, MO  
ATTN: RADIATION SAFETY OFFICER

### ACKNOWLEDGEMENT

This acknowledges the receipt of Ir-192 radioactive shipment  
from you on: February 16, 2011

The shipment was made by you on: February 11, 2011  
with Airbill #: 871331614586


Your documentation indicated the shipment contained:

RADIOACTIVE MATERIAL IRIDIUM 192 SEEDS IN NYLON RIBBONS

Total Activity:	<u>13.33</u>	mCi
Total # of Seeds:	<u>30</u>	

These quantities will be reported in our consolidated radioactive waste  
disposal documentation.

\* You may be required to keep this acknowledgement for possible  
review by your regulatory agency.

  
Dr. Ramesh Indaram: rti





**FedEx**US Airbill  
ExpressTracking  
Number

8713 3161 4586

From Address and postal code

Date 2-14-11

Sender's FedEx  
Account Number

Sender's Name Nuclear Medicine Dept 314 453-4350

Company Christian Hospital

Address 11133 Dunn Rd

City ST LOUIS

State MO ZIP 63136

Your Internet Billing Reference

To

Recipient's  
Name

Phone 1

Best Medical Int

HOLD Weekly  
For FedEx service address  
Restrict FedExHOLD Saturday  
The FedEx service address must  
be FedEx Priority Overnight  
or FedEx 2Day to be eligible

7643 Fullerton Rd

Street address only. Do not include ZIP codeDo not include ZIP code

Springfield

State VA ZIP 22153

Find drop-off locations at [fedex.com](http://fedex.com)

Simplify your shipping. Manage your account. Access all the tools you need.

Tracking  
Number

0200

Sender's Copy

## 4a Express Package Service

To most locations

Packages up to 168 lbs

☐ FedEx Priority Overnight  
Next business morning delivery  
Standard and no additional charges  
except SAT/POST delivery is added☐ FedEx Standard Overnight  
Next business morning delivery  
Standard delivery SAT/POST☐ FedEx First Overnight  
Earliest next business morning  
delivery to most locations  
Delivery Tuesday 2011 available☐ FedEx 2Day  
Second business day delivery  
Standard and no additional charges  
except SAT/POST delivery is added☒ FedEx Express Saver  
Third business day delivery  
Standard delivery SAT/POST

## 4b Express Freight Service

To most locations

Packages over 150 lbs

☐ FedEx 1Day Freight  
Next business day delivery  
Standard and no additional charges  
except SAT/POST delivery is added☐ FedEx 2Day Freight  
Second business day delivery  
Standard and no additional charges  
except SAT/POST delivery is added☐ FedEx 3Day Freight  
Third business day delivery  
Standard and no additional charges  
except SAT/POST delivery is added☐ FedEx 4Day Freight  
Fourth business day delivery  
Standard and no additional charges  
except SAT/POST delivery is added

## 5 Packaging

Indicate what you use

☐ FedEx  
Envelope\*☐ FedEx Pak\*  
Includes FedEx Small Pak, FedEx  
Large Pak and FedEx Bubble Pak☐ FedEx Box☐ FedEx Tube☐ Other

## 6 Special Handling and Delivery Signatures Options

☐ GATEWAY Delivery

FedEx Standard Overnight, FedEx Priority Overnight, FedEx 2Day, FedEx 3Day Freight

☐ No Signature Required  
Package may be left unattended  
at recipient's address☐ Direct Signature  
Delivery to recipient's address  
only for delivery☐ Restricted Signature  
The use of Restricted Signature  
requires a signature of recipient  
addressed to recipient's address  
only for delivery

Does this shipment contain dangerous goods?

☐ No☒ Yes  
I am a Professional  
Shipper or Manufacturer☐ Yes  
Shipment is dangerous  
and requires☐ Dry Ice  
Shipment is dry ice☐ Cargo Aircraft Only

## 7 Payment Bill to

Enter FedEx Account No. or Credit Card No. below

☐ Service  
Account No. or Credit  
Card No.☒ Account☐ Third Party☐ Credit Card☐ Express Check

Total Packages

Total Weight

Total Declared Value

This bill is subject to FedEx terms and conditions of service. The amount shown is subject to the carrier's liability on the back of this bill. Please review FedEx's terms and conditions of service.

554

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## Song, Taehoon

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**From:** Gryglak, Magdalena  
**Sent:** Tuesday, September 03, 2019 2:21 PM  
**To:** Pavon, Sandy; Song, Taehoon  
**Cc:** Tomczak, Tammy; Frazier, Cassandra  
**Subject:** FW: Re: Request to remove sources, NRC license no. 24-13383-01, Christian Hospital  
**Attachments:** 2019-09-03 Christian RAML response for more information.pdf; 2019-09-03 (transfer of Ir-192 seeds in nylon).pdf

Good afternoon,

Please place the attached documents in ADAMS:

Christian Hospital  
030-02382  
24-13383-01  
CN612444

Thank you  
Magdalena

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**From:** Emily Chasteen <emily.chasteen@westphysics.com>  
**Sent:** Tuesday, September 03, 2019 12:56 PM  
**To:** Gryglak, Magdalena <Magdalena.Gryglak@nrc.gov>  
**Subject:** [External\_Sender] Re: Request to remove sources, NRC license no. 24-13383-01, Christian Hospital

Ms. Gryglak,

Please see the attached letter and supporting documents that you requested.

Thank you for your patience. I believe that this response adequately addresses all items we discussed. Please let me know if you require any other documents.

Best,

*Emily*

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*Emily Chasteen, M.S. DABR  
Senior Medical Physicist  
West Physics  
[www.westphysics.com](http://www.westphysics.com)*

