APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- HUMAN USE

(TYPE OR PRINT LEGIBLY)

A. GENERAL INFORMATION

APPLICATION FOR: ____ NEW AUTHORIZATION __X_ RENEWAL OF AUTHORIZATION NUMBER _HO2 ____ AMENDMENT ? NUMBER

Sealed Sources.

APPLICANT'S NAME *(LAST, FIRST, MI)*	APPLICANT MAILING ADDRESS *(INCLUDE ORGA*
O'CONNELL, JOHN J.	WALTER REED ARMY MEDICAL CENTEI RADIATION ONCOLOGY SERVICE
TELEPHONE NUMBER: (202)782-6180/6181	FAX NUMBER: (202)782-0305

B. AUTHORIZED USERS (PLEASE LIST ON PAGE 2)

C. RADIOACTIVITY USAGE LOCATION

LOCATIONS WHERE MATERIALS WILL BE USED (*BUILDING AND ASSOCIATED ROOMS*):
WALTER REED ARMY MEDICAL CENTER, DEPARTMENT OF RADIOLOGY, RADIATION ONCOLOGY
Service Bldg. #2, 6900 Georgia Avenue NW, Washington DC 20307

LOCATIONS WHERE MATERIALS WILL BE STORED (*BUILDING AND ASSOCIATED ROOMS*):

N/A

D. RADIOACTIVE MATERIAL DATA

RADIOISOTOPE	CHEMICAL AND/OR PHYSICAL FORM *(SEALED AND/OR UNSEALED)*	POSSESSION LIMIT	USE
.90-Sr	Solid Applicator	200mCi	Eye Disease
137-Cs	Solid tubes	2000 mCi	Intra-Cavity
[illegible]-Ir	Solid seeds in plastic ribbons	1700 mCi	Interstitial treatment
[illegible]-I	Solid seeds	300 mCi	Interstitial treatment
.103-Pd	Solid seeds	1500 mCi	Interstitial treatment
.238-U	Solid depleted uranium	164.4 Kg (54.25 mCi)	Shielding for linacs
.226-Ra	Radium Sulfate solid needle	20 mCi	Calibration Source

E. CERTIFICATE (*THIS SECTION MUST BE COMPLETED BY APPLICANT*)

I CERTIFY COMPLIANCE WITH THE PROVISIONS OF AR 40-7(CLINICAL USE OF INVESTIGATIONAL DRUGS), AR 70-25 (USE OF VOLUNTEERS AS SUBJECTS OF RESEARCH), AR 40-37 (RADIOISOTOPE LICENSE PROGRAM-HUMAN USE), ALL APPLICABLE WRAMC REGULATIONS, AND THAT ALL INFORMATION CONTAINED HEREIN, INCLUDING AND SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

I ACKNOWLEDGE MY RESPONSIBILITY AS **PRINCIPAL INVESTIGATOR** AS DEFINED IN WRAMC REGULATIONS.

JOHN J. O'CONNELL, LTC, MC — 7/29/5
SIGNATURE OF PRINCIPAL USER — DATE

ADMINISTRATIVE APPROVAL - CHIEF, DEPT. OR DIVISION OF THE PRINCIPAL USER.

MICHAEL P. BRAZAITIS, COL, MC — 29/7/05
SIGNATURE OF CHIEF, DEPT. OR DIV. — DATE

F. WRAMC RADIATION CONTROL COMMITTEE APPROVAL

APPROVED:	APPROVED:	AUTHORIZATION NO. :
		HO2
HEALTH PHYSICS OFFICER, WRAMC Mark A. Melanson LTC (P) MS PSO WRAMC NOV 4 2005	CHAIRPERSON SUBCOMMITTEE FOR HUMAN USE: RADIATION CONTROL COMMITTEE, WRAMC DAVID W. BURTON Chief, Radioactive Material Control Health Physics, WRAMC	EXPIRATION DATE: Aug 06

PAGE 1

The Health Physics Office is granting interim approval to this application until the next scheduled RCC Meeting on DEC 18 2005
Date

APPROVED BY RCC
on DEC 8 2005
DATE

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE
6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • VOICE: 202-356-0058 • FAX: 202-356-0086

AUTHORIZATION AMENDMENT REVIEW

Date of Amendment Initiation: 8/2/05

Authorization Number: 102

Description of the Amendment: Renewal

Mark appropriately.

Requested Authorization Information (signatures, etc.)			DWB	
Initial/Annual Training Form (WRAMC Form 538)		DWB	DWB	Ed, 10/31/05 Not needed because she Jones (notified 8/31) was reassigned
Training & Experience Form (WRAMC Form 1643)		DWB	NC	
Protocol Form (WRAMC Form 1644)		X		
Radioisotope changes		X		
Pre-Room Survey conducted		X		
Admin Hold Survey conducted		X		
Final Survey conducted		X		
Bioassay Program enrollment		X		
Dosimetry Program enrollment		X		DD Form 1952 received? Y or N
Dosimetry Program removal		X		
Instrumentation affected		X		

ADDITIONAL INFORMATION

Changes: Increase in possession limit 90Sr from 240 to 200 mCi, ~~137Cs from~~ Ir192 from 2700 to 1999 mCi, I125 from 700 to 300 mCi, Pd103 from 2000 mCi to 1500 mCi,
Delete: Joseph Brooks, Deborah Citrin, Eric Friedman, Arlene Tennant
Add: Dee Smart, ~~Cynthia~~ Jones, Tamara Garnett, Bronwyn Stull

APPROVAL

Defense and Support Branch Chief: David W. Burks

Operations Branch Chief: CD Pitts

MCHL-XRT

27 JUL 05

MEMORANDUM FOR David W. Burton, Chief, RMC Branch

SUBJECT: Renewal of Authorization #HO2

Please expedite our enclosed request for renewal of authorization HO2. If there are any questions, do not hesitate to contact me at (202) 782-6180.

Wilfred Sewchand, Sc.D.
Chief, Clinical Physics
Radiation Oncology Service

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- HUMAN USE

(TYPE OR PRINT LEGIBLY)

A. GENERAL INFORMATION

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O'CONNELL, JOHN J.	WALTER REED ARMY MEDICAL CENTER RADIATION ONCOLOGY SERVICE
TELEPHONE NUMBER: (202)782-6180/6181	FAX NUMBER: (202)782-0305

B. AUTHORIZED USERS (PLEASE LIST ON PAGE 2)

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~~192~~-Ir -192	Solid seeds in plastic ribbons	3700 mCi	Interstitial treatment
~~125~~-I -125	Solid seeds	700 mCi	Interstitial treatment
.103-Pd	Solid seeds	2000 mCi	Interstitial treatment
.182-Ta	Solid wire	200 mCi	Interstitial treatment
.238-U	Solid depleted uranium	164.4 Kg (54.25 mCi)	Shielding for linacs
.226-Ra	Radium Sulfate solid needle	20 mCi	Calibration Source

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I ACKNOWLEDGE MY RESPONSIBILITY AS **PRINCIPAL INVESTIGATOR** AS DEFINED IN WRAMC REGULATIONS.	**ADMINISTRATIVE APPROVAL** - CHIEF, DEPT. OR DIVISION OF THE PRINCIPAL USER.
JOHN J. O'CONNELL, MAJ, MC SIGNATURE OF PRINCIPAL USER — DATE 8/6/04	MICHAEL P. BRAZAITIS, COL, MC SIGNATURE OF CHIEF, DEPT. OR DIV. — DATE 6/AUG/04

F. WRAMC RADIATION CONTROL COMMITTEE APPROVAL

APPROVED:	APPROVED:	AUTHORIZATION NO. :
HEALTH PHYSICS OFFICER, WRAMC LTC JOHN R. MERCIER, Ph.D. Chief, WRAMC Health Physics 6900 Georgia Ave., NW BLDG 41, Room 38 Washington, DC 20307-5001	CHAIRPERSON SUBCOMMITTEE FOR HUMAN USE: RADIATION CONTROL COMMITTEE, WRAMC Thomas W. Allen COL MC Chief, Nuclear Medicine Service	HO2 EXPIRATION DATE: Aug 05

The Health Physics Office is granting interim approval to this application until the next scheduled RCC Meeting on 9/9/04 Date

B. AUTHORIZED USERS		
LIST ALL CO-INVESTIGATORS	LIST ALL TRAINEES	LIST ALL STAFF WORKERS
Gant, Alan vchand, Wilfred ıg, Paul Wilder, Richard Wilson, Steven	Residents: Brooks, Joseph Brown, Michael Citrin, Deborah E. Friedman, Eric Mansueti, John Pai-Panandiker, Atmaran Simone, Nicole	Eck, Richard M. Mathew, Richard Moody, Laverne Wan, Yun-Hwa

DEFINITIONS FOR USERS
A "**Co-Investigator**" is an individual who possesses adequate training and experience with radioactive material to quality as a Principle User. The individual works under the direction of and is responsible to the Principal User for the safe and proper use of the materials specified in the application. List all Co-Investigators alphabetically by last name. Each Co-Investigator should be identified as follows: last name, first name, middle initial and rank/grade. Attach a completed Training and Experience Form for each Co-Investigator, if a **current** copy is not on file with the Health Physics Office.
A "**Trainee**" is an individual who works under the direct supervision of a Principal User or Co-Investigator for the purpose of obtaining the necessary training and experience to qualify for either status. . List all Trainees alphabetically by last name. Each Trainees should be identified as follows: last name, first name, middle initial and rank/grade.
A "**Staff Worker**" is an individual who works under the direct supervision of a Principal User or Co-Investigator for the purpose of performing certain routine duties associated with the use of radioactive materials specified in the application. The individual does not sess suitable training and experience to be classified as Principal User or Co-Investigator and is not undergoing training that ld qualify the individual to attain either status. List all Staff Workers alphabetically by last name. Each Staff Worker should be identified as follows: last name, first name, middle initial and rank/grade.

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE
6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • 202-356-0058/59

AUTHORIZATION REVIEW PROCESS

Authorization Number: H02 Date: 9 Aug 04

RMC BRANCH

	Initials Pending	Complete	Comments
WRAMC Form 538			
Authorization or Amendments		DMB	
Protocol		DMB	NA
Isotopes		DMB	Same

OPERATIONS BRANCH

Pre-Room Survey		DMB	NA
Admin Hold Survey		DMB	NA
Final Survey		DMB	NA
Bioassay Program		DMB	NA
Dosimetry Program		DRD	
Instrumentation		DMB	/

GENERAL COMMENTS

Delete: Roberts, Boyer, ~~Hoody~~ Tennant
Add: Song, Mansueti, Simone

MHCL-XRT

20 JUL 04

MEMORANDUM FOR David W. Burton, Chief, RMC Branch

SUBJECT: Renewal of Authorization #H02

Please expedite our enclosed request for renewal of authorization HO2. If there are any questions, do not hesitate to contact me at (202) 782-6180.

WILFRED SEWCHAND, Sc.D.
Chief, Clinical Physics
Radiation Oncology Service

The Health Physics Office is granting interim approval to this application until the next scheduled RCC Meeting on 9/9/04
Date