State of California—Health and Human Services Agency
Department of Health Services

California Department of Health Services
SANDRA SHEWRY
Director

ARNOLD SCHWARZENEGGER
Governor

FACSIMILE TRANSMITTAL SHEET

Date: 5/19/05

To: DANTE
Company: INEEL
Fax Number: 208-526-2930

From: Peggy Lee McKernan,
Staff Services Analyst

Total Number of Pages Including Cover: 5

Notes/Comments:

This is an initial report of this event from California (Agreement State). Additional information will be provided upon completion of the investigation of this event, which is expected within 60-90 days. If you require additional information before then, please let me know.

XCA 737 St. Joseph Hospital
(inspector marked ND for Reportable, but should have been a voluntary/Info report.

This event is closed by State.

Thanks
Peggy

050361

Flex your POWER

Food, Drug and Radiation Safety: Radiologic Health Branch
MS 7610, PO Box 997414, Sacramento, CA 95899-7414
(916) 440-7961 FAX (916) 341-7216
pmckerna@dhs.ca.gov
DHS Internet Address: www.dhs.ca.gov

State of California – Health and Human Services Agency

Department of Health Services – Radiologic Health Branch

4/28/05

MATTER REQUIRING INVESTIGATION/INSPECTION

☐ HEALTH AND SAFETY ☒ ADMINISTRATIVE

737A

LICENSEE / REGISTRANT / USER

LICENSEE/REGISTRANT/USER NAME: St. Joseph Hospital

LICENSEE/REGISTRANT/USER CONTACT: Rahman Pourang

PHONE: 707-445-8121

TITLE: RSO

OTHER PHONE/EMAIL:

OFFICE ADDRESS: 2700 Dolbeer St. / Eureka 95501

EVENT/SITE LOCATION:

OTHER CONTACT:

PHONE:

LICENSE/REGISTRATION NUMBER: 1703-12

OTHER PHONE/EMAIL:

INFORMATION SOURCE

NAME/POSITION:

ADDRESS – Number Street:

TELEPHONE NUMBER:

OTHER PHONE/EMAIL:

FIRST CONTACT BY (Check One Only)

☒ Telephone ☒ Letter/Form ☐ Email

☐ Other (Specify): _____

Contact Date: 04/26/05 (mo/day/yr) Contact Time: ____

Event Date: 04/21/05 (mo/day/yr) Discovery Date: ____ (mo/day/yr)

OTHER NOTIFICATIONS (e.g., other agencies, patient, etc.) (*)

HP CONSULTANT USED: ☐ YES ☐ NO ☒ UNK

PRESS/MEDIA INVOLVEMENT: ☐ YES ☒ NO ☐ UNK

ASSIGNMENT

5010 NUMBER (Date Notified): 042605

INSPECTION OFFICE (AGENCY): RHB - SACRAMENTO / Region 1

INSPECTOR: Ken Furey

EVENT TYPE

☐ MACHINE ☒ MATERIALS (Check One)

☐ Radiation Exposure (EXP)
☐ Transportation (TRS)
☐ Leaking Source (LKS)
☒ Misadministration (MD2)
☐ Release of Material (RLM)
☐ Theft or Loss (LAS)
☐ Equipment Malfunction (EQP)
☐ X-ray Registration (XR)
☐ Certification (CT)
☐ Mammography (MM)
☐ Landfill/Scrap Yard (LY)
☐ Crematory (CR)
☐ Other (OTH)

Involve CA SS&D: ☐ Yes; ☒ No Provided to RML: ____ (date)

COMPLAINT (AL) ☐ Yes ☒ No

Forwarded by NRC ☐ Yes ☒ No
Respond to Complainant ☐ Yes ☒ No
Anonymity Requested ☐ Yes ☒ No

REPORTABLE EVENT (NMED)

NRC reportable event? ☐ ≤ 24-hr ☐ 30-Day (X) Info ☒ No

Regulation Requiring Report: (NRC) ____ (CA) CCR, title 17, seciont 30322

If ≤ 24-hr, this form must be reported to NRC Ops. Ctr. within 24 hours.

Report made to NRC Ops Center: Date: ____ Time: ____
(301) 951-0550 (telephone), (301) 816-5151 (fax), or hoo1@nrc.gov (email)

If 30-day or Info report, RHB/HQ (Peggy) submits 5010 to INEL, and inspector updates until "complete" in NMED database (http://nmed.inel.gov).

CA NMED # (Sacto): XCA 737 NMED Item # (INEL): ____

ABNORMAL OCCURRENCE? (See STP SA-300 Section 7) ☐ YES ☐ NO

SUMMARY (Abstract of Event)

Any fact or complaint suggesting immediate threat to health and safety? ☐ YES ☒ NO

A patient, scheduled for a Cardiac stress test, was administered 246 microCuries Iodine-123, because the imaging technologist failed to verify the patient's identification.

DX misadministration
Intended: 10 mCi Tc-99m MIBI for a cardiac stress test
Given: 0.246 millicuries (246 microcuries) Iodine-123 (capsule) for a thyroid uptake
Dosimetry: whole body, organ dose

May 6, 2005

Memo To: File

From: Ken Furey, Region 1

Subject: 5010 # 042605, St. Joseph Hospital (RML NO. 1703-12)

EVENT STATUS:

On April 26, 2005, Rahman Pourang, Ph.D. (707-445-8121) St. Joseph Hospital, reported a diagnostic misadministration which occurred on April 21, 2005.

HEALTH AND SAFETY REPORTING:

This event was reported to the Radiologic Health Branch with a Diagnostic Misadministration Report (DHS 8453) on April 26, 2005. A RHB 5010 was prepared by the Radiologic Health Branch on that same date.

The imaging technologist administered 246 microcuries of Iodine-123 instead of the intended 10 millicuries of Tc-99m MIBI for a cardiac stress test. The technologist did not verify the patient's identification. Nuclear medicine staff have been reinstructed on the proper method for patient identification with written confirmation maintained by the Department Director.

INVESTIGATIONAL STATUS:

This investigation is closed.

State of California—Health and Human Services Agency

Department of Health Services
Radiologic Health Branch

DIAGNOSTIC MISADMINISTRATION REPORT

Licensee name: ST JOSEPH HOSPITAL

Licensee number: 1703-12

Address (number, street): 2700 DOLBEER ST.

City: EUREKA, CA

ZIP code: 95501

Event date: Month 04 Day 21 Year 05

Report date: Month 04 Day 26 Year 05

Did the misadministration involve an isotope of iodine? [X] Yes [ ] No

Number of patients who received a misadministration under this report: 1

Type of Misadministration

- [X] Wrong radiopharmaceutical
- [X] Wrong patient
- [ ] Dosage differing from prescribed by 50%
- [X] Wrong route

Intended

- [ ] No clinical procedure
- [ ] Nuclear medicine study (complete "Intended" and "Given" sections)
- [ ] X-ray study
- [ ] Ultrasound
- [ ] CT study
- [ ] NMR study
- [ ] Other

	Intended				Given			
	Millicuries	Isotope	Chemical Form	Study	Millicuries	Isotope	Chemical Form	Study
	10	Tc	MDP	CARDIAC STRESS REST	.246	I-123	CAP	THY UPTAKE

Precipitator

- [ ] Referring physician
- [ ] Ward nurse
- [ ] Ward clerk
- [ ] Nuclear pharmacy
- [ ] Authorized user
- [ ] Hot lab technologist
- [X] Imaging technologist
- [ ] Clinical receptionist
- [ ] Scheduling technologist
- [ ] Patient
- [ ] Other: _____

Name of nuclear pharmacy: _____ City: _____ State: _____

Error

Hot Lab

- [ ] Mislabeled a syringe
- [ ] Mislabeled a vial or vial shield
- [ ] Reconstituted wrong reagent kit
- [ ] Placed reconstituted vial in wrong shield
- [ ] Selected wrong vial when drawing dosage
- [ ] Set dose calibrator improperly
- [ ] Misread dose calibrator
- [ ] Misunderstood radiopharmaceutical or dosage order

Referral

- [ ] Misunderstood referring physician's request
- [ ] Requested wrong study
- [ ] Requested study for wrong patient

Administration

- [ ] Selected wrong patient
- [X] Answered waiting room page intended for other patient
- [ ] Brought wrong patient to clinic
- [ ] Selected wrong syringe from dosage cart

Other

- [ ] Specify _____

Contributing Factors

- [ ] Student technologist
- [ ] New employee
- [ ] Foreign language
- [ ] Patient incoherent or unconscious
- [ ] ID bracelet not checked
- [ ] Requisition not checked
- [ ] Patient chart not checked
- [ ] New procedure
- [X] Heavy workload
- [ ] Other

Action Taken to Prevent Recurrence

- [ ] Implement new procedures for:
  - [ ] Verification of request
  - [ ] Radiopharmaceutical labeling and handling
  - [X] Verification of patient identification
- [ ] Reinstruct personnel
- [ ] Reprimand personnel
- [ ] Improve supervision of personnel
- [ ] No action
- [ ] Other: _____

Effect on Patients

- [X] None apparent
- [ ] See abstract

Attach abstract and mail completed form to:

Compliance Unit
California Department of Health Services
Radiologic Health Branch, MS 7610
P.O. Box 997414
Sacramento, CA 95899-7414

For more information, go to www.dhs.ca.gov/rhb or phone (916) 327-5106.

Radiation Officer (printed name)	Signature	Telephone number	Date
RAHMAN POURANG	Rahman Pourang	(707) 445-8121	4/26/05

DHS 8403 (1/04)

4/27/2005

Mark Pietz
Radiologic Health Branch
PO Box 997414, MS7610
Sacramento, CA 95899

Dear Mr. Pietz,

It was a pleasure to talk to you on the phone this afternoon. Using the manufacturer's package insert, I have generated the following dose calculations for the patient who received 246 microcuries of I-123.

Thyroid Uptake	Thyroid	Whole Body
5%	0.584 rad	0.007 rad
15%	1.784 rad	0.007 rad
25%	3.137 rad	0.008 rad

Usually the 15% uptake values are used in this case.

If you have any questions, please don't hesitate to call me at (707) 445-8121 EX 6545.

Best regards,
Rahman Pourang
Rahman Pourang, Ph.D., DABR

St Joseph's