



**International Atomic Energy Agency Department of Technical Cooperation  
And  
Nuclear Medicine and Diagnostic Imaging Section Division of Human Health**

**SV-RAS6091-1900083**

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**IAEA scientific Visit on QA/QC of equipment and Hot-Lab Management for  
Nuclear Medicine Technologists  
25 to 29 November - 2019  
Kanazawa, Japan**

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**Local Course Director**

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# Program

	<b>DAY ONE - Monday, 25 November 2019</b>	
09:00 - 9:30	Registration	
09:30 - 09:45 (15 min)	Official Welcome and Opening remarks	Prof. Nakajima
09:45 - 10:00 (15 min)	Explanation of program	Dr. Wakabayashi
10:00 - 10:30 (30 min)	Presentation of institutions of participants	Dr. Wakabayashi
<b>10:30 - 11:00</b>	<b>Break</b>	
11:00 - 12:00 (60 min)	<b>Facility tour of Kanazawa University Hospital</b> ✓ Radioisotope unit/ SPECT-CT, digital SPECT ✓ Therapeutic ward	Dr. Yoneyama Dr. Wakabayashi
<b>12:00- 13:30</b>	<b>Lunch</b>	
13:30 - 15:30 (120min)	<b>Training in Dept. of Radiological Technology, School of Health Sciences, Kanazawa University (Room #1217)</b> Facility tour of Dept. of Radiological Technology, School of Health Sciences, Kanazawa University ✓ Nuclear Medicine Technology	Prof. Onoguchi Dr. Shibutani
<b>15:30</b>	<b>Adjourn day 1</b>	

	<b>DAY TWO - Tuesday, 26 November 2019</b>	
09:00 - 10:00 (60min)	<b>Training in of Kanazawa University Hospital</b>	PhD. Yoneyama Dr. Watanabe
10:00 - 10:30	<b>Break</b> / Transfer to Dept. of Radiological Technology	
10:30 - 12:00 (90min)	<b>Training in Dept. of Radiological Technology, School of Health Sciences, Kanazawa University (Room #1105)</b> ✓ Radiation dose optimization for computed tomography in hybrid imaging	Dr. Matsubara
<b>12:00 - 13:30</b>	<b>Lunch</b>	<b>12:00- 13:30</b>

13:30 - 15:30 (120min)	<b>Training in Dept. of Radiological Technology, School of Health Sciences, Kanazawa University (Room #1217)</b> ✓ Approach for clinical study using radiation physics	Dr. Hayashi
<b>15:30</b>	<b>Adjourn day 2</b>	

	<b>DAY THREE - Wednesday, 27 November 2019</b>	
09:00 - 10:00 (60min)	<b>Diagnosis and Artificial Intelligence</b>	Prof. Nakajima
10:00 - 10:30	<b>Break</b> / Transfer to Dept. of Radiological Technology	
10:30 - 12:00 (90min)	<b>Training in Dept. of Radiological Technology, School of Health Sciences, Kanazawa University (Room #1217)</b> ✓ Fundamentals of Dynamic Chest Radiography	Dr. Tanaka
<b>12:00 - 13:30</b>	<b>Lunch</b>	<b>12:00- 13:30</b>
13:30 - 15:30 (120min)	<b>Facility tour of Kanazawa Advanced Medical Center</b> ✓ PET/CT	Dr. Mochizuki Dr. Wakabayashi
<b>15:30</b>	<b>Adjourn day 3</b>	

	<b>DAY Four - Thursday, 28 November 2019</b>	
09:00 - 10:30 (90min)	<b>Procedures for Ra-223 alpha therapy</b>	Dr. Taki
<b>10:30 - 11:00</b>	<b>Break</b>	
11:00 - 12:00 (60min)	<b>Theranostics</b>	Prof. Kinuya
<b>12:00 - 13:30</b>	<b>Lunch</b>	<b>12:00- 13:30</b>
13:30 - 14:30 (60min)	<b>Procedures for I-131 MIBG therapy for neuroblastoma</b>	Dr. Inaki

13:30-14:30 (60min)	<b>Facility tour of Kanazawa University Hospital</b> ✓ Labeling/single photon kits ✓ Image acquisition - reconstruction/theory and hands-on	Dr. Yoneyama Dr. Wakabayashi
<b>15:30</b>	<b>Adjourn day 4</b>	

	<b>DAY Five - Friday, 29 November 2019</b>	
09:00 - 10:00 (60min)	<b>Radioisotope Facility</b> - Animal SPECT/PET/CT - Animal PET	Dr. Wakabayashi
10:00 - 11:00 (60min)	<b>Procedures of RAI for thyroid cancer</b>	Dr. Kayano
11:00 - 11:45 (45min)	<b>Radiation exposure of nurses during I-131 MIBG therapy for neuroblastoma</b>	Dr. Wakabayashi
11:45-12:00 (15min)	<b>Summary</b>	Prof. Kinuya
<b>12:00</b>	<b>Adjourn day 5</b>	



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