

Short Course Training Program in Digital Imaging and PACS 2022

Venue: POLITEKNIK KESEHATAN KEMENTERIAN KESEHATAN SEMARANG

JL. Tirta Agung Pedalangan Banyumanik Semarang, Jawa Tengah, Indonesia

Trainers: Department of Radiological Technology, Faculty of Medical Technology, Mahidol University

1. Assist. Prof. Napapong Pongnapang, Ph.D.
2. Assoc. Prof. Yudthaphon Vichianin, Ph.D.

November 8th , 2022 (Tuesday)

Time	Topic	Lecturer
08.00 - 09.00	Introduction 1. Opening by MC (include praying) 2. Head of Master of Diagnostic Imaging's Speech 3. Head of Postgraduate Program's Speech 4. Closing by MC	MC
9.00-9.45	DR1. Fundamentals of digital image structure and application	Dr.Napapong
9.45-10.30	DR2. Current technology in digital imaging	Dr.Napapong
10.30-10.45	Coffee break	
10.45-11.30	DR3. Image quality and artifacts	Dr.Napapong
11.30-12.15	DR4. Digital image display	Dr.Napapong
12.15-13.00	Lunch	
13.00-13.45	PACS1. Pre-test	Dr. Yudthaphon
13.45-14.30	PACS2. PACS and its related components	Dr. Yudthaphon
14.30-14.45	Coffee break	
14.45-15.30	PACS3. PACS Servers	Dr. Yudthaphon
15.30-16.15	PACS4. PACS Data Storage	Dr. Yudthaphon

November 9th , 9022 (Wednesday)

Time	Topic	Lecturer
9.00-9.45	DR5. Concepts of medical image processing	Dr.Napapong
9.30-10.30	DR6. Quality management in digital imaging	Dr.Napapong
10.30-10.45	Coffee break	
10.45-11.30	Fuji Talk 1	Fuji
11.30-12.15	Fuji Talk 2	Fuji
12.15-13.00	Lunch	
13.00-13.45	PACS 5. Vendor Neutral Archive	Dr. Yudthaphon
13.45-14.30	PACS 6. Networking Technology	Dr. Yudthaphon
14.30-14.45	Coffee break	
14.45-15.30	PACS 7. Basic Computer Security	Dr. Yudthaphon
15.30-16.15	PACS 8. Risk Management in Digital Environment	Dr. Yudthaphon

November 10th , 2022 (Thursday)

Time	Topic	Lecturer
9.00-9.45	DR7. Patient dose metrics and dose assessment in digital imaging	Dr.Napapong
9.45-10.30	DR8. Quality control of image display and related standards	Dr.Napapong
10.30-10.45	Coffee break	Dr.Napapong
10.45-11.30	DR9. Setting up a Quality Control Program (QAP) in digital imaging	Dr.Napapong
11.30-12.15	DR10. DR wrap up and post-test	Dr.Napapong
12.15-13.00	Lunch	Dr.Napapong
13.00-13.45	PACS9. Clinical Perspectives of PACS and Digital Imaging I	Dr. Yudthaphon
13.45-14.30	PACS10. Clinical Perspectives of PACS and Digital Imaging II	Dr. Yudthaphon
14.30-14.45	Coffee break	
14.45-15.30	PACS11. DICOM Standard I	Dr. Yudthaphon
15.30-16.15	PACS12. DICOM Service Classes	Dr. Yudthaphon

November 11th , 2022 (Friday)

Time	Topic	Lecturer
9.00-9.45	PACS13. HL7	Dr. Yudthaphon
9.30-10.30	PACS14. Basic Network Design I	Dr. Yudthaphon
10.30-10.45	Coffee break	
10.45-11.30	PACS15. Basic Network Troubleshooting	Dr. Yudthaphon
11.30-12.15	Post-test, Q & A	Dr. Yudthaphon
12.15-13.00	Lunch	

November 12th , 2022 (Saturday)

Time	Topic	Lecturer
9.00-9.45	CR/DR Lab	Dr.Napapong
9.30-10.30	CR/DR Lab	Dr.Napapong
10.30-10.45	Coffee break	
10.45-11.30	Patient dose Lab	Dr.Napapong
11.30-12.15	Displayed monitor Lab	Dr.Napapong
12.15-13.00	Lunch	
13.00-13.45	Network Lab/Demo (LAN)	Dr.Yudthaphon
13.45-14.30	Network Lab/Demo (Wireless)	Dr.Yudthaphon
14.30-14.45	Coffee break	
14.45-15.30	Network Lab/Demo (Client-Server)	Dr.Yudthaphon
15.30-16.15	Networking Quizzes	Dr.Yudthaphon
16.15-16.30	Closing	
