

Personal Profile



Contact Information

Name Assoc. Prof. Chanika Sritara, M.D., MSc.
Address (Office) Division of Nuclear Medicine, Department of Diagnostic and Therapeutic Radiology, Ramathibodi Hospital, Mahidol University,
270 Rama VI Road, Ratchatewi district, Bangkok Thailand 10400

Main Positions (Appointments)

Academic

1992 Staff Nuclear Medicine, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University
1997 Assistant Professor of Radiology, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University
2013 Associate Professor of Radiology, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University

Administrative

2008-2009 Assistant Head of Department of Diagnostic and Therapeutic Radiology, Research and Academic Affairs, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University
2009-2011 Deputy Head of Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University
2011-Present Head of Nuclear Medicine Division, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University

Education

High School

Year attended	Field of study & Diploma/degree	Name and place of institution
1981-1982	AFS Exchange Programme Grade12	Winters High School

University

1989	Medicine, M.D. (First Class Honour)	Faculty of Medicine, Ramathibodi Hospital Mahidol University
1991	Master of Science in Nuclear Medicine	Guy's Hospital, London University, England.
1995	Thai Board of Nuclear Radiology	Medical Council of Thailand
2001	Master of Science in Clinical Epidemiology	Faculty of Medicine, Chulalongkorn University

Professional Training

1997	Regional (RCA) training on infection and inflammation imaging, Singapore	
2000	Application of Positron Emission Tomography, China	
2004	PET-SPECT Imaging at Singapore General Hospital, Singapore	
2004	PET-SPECT Imaging at Royal Perth Hospital, Australia	
2005	PET-CT at Royal Prince Alfred Hospital (RPAH) Sydney, Australia	
2007	IAEA Training Course on Establishing a Cyclotron Facility and Positron Emission Tomography at Technical University Munich; Nuclear Medicine Clinic and Policlinic, München, Germany	
2008	Certified Clinical Densitometrist (CCD) of the International Society for Clinical Densitometry (ISCD)	
2010	IAEA Regional Training Course on Imaging in Ischemic Heart Disease and Cardiac Failure for Advanced Users at Tehran, Islamic Republic of Iran	
2011	IAEA Regional Training Course on Use of nuclear cardiology in myocardial viability assessment and introduction to PET and PET/CT for advanced uses, Manila Philippines	
2011	Certification in Logistic Regression of Section for Clinical Epidemiology and Biostatistics Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok Thailand	
2011	IAEA Final Project Coordination Meeting for the RAS 6057 Strengthening and Standardizing Nuclear Medicine Applications in Cardiology in Asia through Education and Training, Ho Chi Minh City, Vietnam	
2012	ISCD Body Composition Course, Los Angeles, USA ISCD Vertebral Fracture Assessment Course, Los Angeles, USA	

LECTURES BY INVITATION:

- November 24, 2016 Trabecular bone score in clinical practice
The Royal College of Orthopaedic Surgeons of Thailand (RCOTS) and The Thai Orthopaedic Association (TOA)
- March 19, 2016 Bone densitometry assessment and interpretations
Thai Osteoporosis Foundation (TOPF) meeting 2016
- August 20, 2015 Pitfalls in DXA interpretation and monitoring
Beyond DXA: trabecular bone score
TOPF and TOSS annual meeting 2015: Osteoporosis and Related Disorders: Beyond 2015
- July 21, 2015 Renal scan
Division Urology, Department of Surgery, Faculty of Medicine, Ramathibodi Hospital
- February 7, 2015 Bone densitometry assessment and interpretations
TOPF 2nd Advance training Course on Osteoporosis
- December 18, 2014 รามาทิ inter ที่ได้นะฮ้า
Thai Society of Nuclear Medicine
- June 14, 2014 Risk stratification in stable coronary artery disease: Role of nuclear imaging
20th ASEAN Federation of Cardiology Congress (AFCC) 2014
- April 24, 2014 Osteoporosis and fracture assessment
Department of Orthopaedics, Faculty of Medicine, Ramathibodi Hospital, Thailand
- December 14, 2013 Nuclear Medicine Aspect of Ra-223 Dichloride: ASYMPCA trial in metastatic CRPC 7th Radio-Onco-Urology Seminar (2013)
- June 25, 2013 Renal Scan
Division Urology, Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Thailand
- May 30, 2013 DXA Users Experience Sharing
BMD Diagnosis and Advance DXA Technology Seminar, Bangkok
- May 1, 2013 Nuclear Cardiology
Refresher Course in Nuclear Medicine, Bangkok
- November 15, 2012 Children's Nuclear medicine for kidney and bladder

	Ramathibodi Surgical Forum 2012 at Ramathibodi Hospital, Bangkok
August 10, 2012	Role of nuclear medicine Mid-Year Meeting 2012 The Heart Association of Thailand under the Royal Patronage of H.M. the King at Infinity I-II Room, Pullman Bangkok King Power, Bangkok
June 9, 2012	Role of nuclear medicine in cardiomyopathy 6 th Congress of Asian Society of Cardiovascular Imaging (ASCI) 2012
March 24, 2012	Interpreting DXA results Rama Endocrine Update 2012, Pullman Hotel, Bangkok
May 26-29, 2011	Role of Cardiac Imaging in Heart Failure Management ASCVTS-ATCSA 2011
June 16, 2011	Symposium: Cardiac Imaging Joint Conference in Medical Sciences 2011: Chula-Rama-Siriraj (JCMS2011) at Impact Convention Centre Hall 9
January 21, 2011	Use of PET and thallium scan in ischemic heart disease The Society of Thoracic Surgeons of Thailand
January 20, 2011	Nuclear Medicine in Cancer Patient Program of Nursing Specialty in Nursing Radiology
September 17, 2010	How to Diagnose Osteoporosis A training course on “Standard operating procedures for DXA”, Division of Nuclear Medicine, Department of Radiology, Faculty of Medicine, Ramathibodi Hospital, Thailand
August 24, 2010	Renal Scan Division Urology, Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Thailand
June 8, 2010	Nuclear Medicine in Thyroid Carcinoma Department of Otolaryngology, Faculty of Medicine, Ramathibodi Hospital, Thailand
March 19, 2010	การวิเคราะห์แปลผลและการตรวจผู้ป่วยด้วยเครื่องตรวจวัดความหนาแน่นของกระดูก (DXA examination and interpretation) Bangkok Hospital
January 11, 2010	Nuclear Medicine in Cancer Patient Program of Nursing Specialty in Nursing Radiology Faculty of Medicine, Ramathibodi Hospital, Thailand

December 2, 2009	Osteoporosis: How to diagnose? Current Trend in Diagnosis and Treatment of Osteoporosis: Multimodality Multidisciplinary Approach, Chiang Mai, Thailand
December 3, 2009	International Society for Clinical Densitometry (ISCD) Course: Clinical Evaluation of Bone Health, Chiang Mai, Thailand
December 4, 2009	International Society for Clinical Densitometry (ISCD) Course: Principles of Reporting DXA Scans, Chiang Mai, Thailand
November 27, 2009	Nuclear Cardiology in a Nutshell: PET and SPECT Cardiac Perfusion Imaging Symposium: Emerging tools to decipher the living myocardium and Advance in Nuclear Cardiology and Cardiac CT, Thailand
November 28, 2008	PET scan in Urology Inter-Hospital Conference Division Urology, Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Thailand
August 21, 2008	Bone Density Assessment: U/S, CT, DXA
August 22, 2008	Case Discussion and Common Misunderstanding Division of Nuclear Medicine, Department of Radiology, Faculty of Medicine, Ramathibodi Hospital, Thailand
February 1, 2008	Diagnostic and Therapeutic Use of Radioisotopes in Prostate Cancer: Current Practice The Celebrations on the Auspicious Occasion of His Majesty the King's 80 th Birthday Anniversary 5 th December 2007 New Frontiers in Cardiovascular-Metabolic and Oncological Practices: Together for the Better Health", at Bangkok Convention Central at Central World, Thailand
September 21, 2007	"What Cardiologists Should Know about PET Scan?" The Heart Association of Thailand under the Royal Patronage at Central World, Thailand
September 11, 2007	"Nuclear medicine: diagnostic and therapeutic in ENT" Department of Otolaryngology, Faculty of Medicine, Ramathibodi Hospital, Thailand
August 27, 2007	"New perspectives in PET" Department of Radiology, Faculty of Medicine, Ramathibodi Hospital, Thailand

- May 3, 2007 “Nuclear cardiology: What we can offer to CAD.”
The Celebrations on the Auspicious Occasion of His Majesty the King’s 80th
Birthday Anniversary 5th December 2007, at Bangkok Convention Central at Central
World, Thailand
- May 14, 2006 Nuclear Cardiology
Heart to Heart Cardiology Fellow Tutorial Program,
Berlin Pharmaceutical Industry Co., Ltd. at Siam City Hotel, Thailand
- December 29, 2005 Diagnostic study
Department of Family Medicine, Faculty of Medicine, Ramathibodi Hospital,
Thailand
- October 24, 2005 Nuclear Cardiology cases
The Utility of Multi-Imaging Modalities in Cardiology Practice: CT, MRI,
Echocardiography, Nuclear Medicine
Thai Society of Cardiac Imaging, Thailand
- September 30, 2005 Role of Thyroglobulin in the Follow-up Differentiated Thyroid Cancer
Department of Radiology, Faculty of Medicine, Ramathibodi Hospital, Thailand
- May 12, 2005 Future Trends: Advanced Technology in Radiology
Annual meeting 2005 of Faculty of Medicine, Ramathibodi Hospital, Thailand
- August 28, 2004 Bone scan and vertebral marrow imaging
Neuroradiology CME Part III: Spinal Imaging
Rama Foundation, Faculty of Medicine, Ramathibodi Hospital, Thailand
- March 25, 2004 “Clinical Applications of PET-CT”
Thai Society of Cardiac Imaging, Thailand
- May 29, 2003 Peripheral Artery Disease in EAGT1/3
Cardiovascular Epidemiology Meeting
The Heart Association of Thailand under the Royal Patronage, at Siam City Hotel,
Thailand
- May 2, 2003 PVD: The New Modality of Management
Division of Student Affairs, Faculty of Medicine, Ramathibodi Hospital, Thailand
- MODERATE**
- June 17, 2011 SPECT Myocardial Perfusion Study: Effective interpretation & Read with the

Publication

Research articles

1. **Sritara C.** Re: Incidental Gallbladder Cancer Visualized From Posttreatment 131I Whole-Body Scan. *Clin Nucl Med.* 2017. doi 10.1097/RLU.0000000000001502
2. Vallipakorn SA, Vallipakorn O, Sophonsritsuk A, Jirapinyo M, **Sritara C.** The Optimal Cut-Points for Weight and Non-Weight Quantitative Ultrasound of the Calcaneus to Screen Osteoporosis in Postmenopausal Women. *J Med Assoc Thai.* 2016;99:249-56.
3. Utamakul C, **Sritara C***, Bhumiwat M, et al. Unsuspected vertebral fracture in older women undergoing screening bone mineral density assessment: Prevalence, impact, and agreement with lateral spine radiography. *European Geriatric Medicine.* 2016;7:551-5. <http://dx.doi.org/10.1016/j.eurger.2016.08.007>
4. **Sritara C**, Thakkestian A, Ongphiphadhanakul B, et al. Age-Adjusted Dual X-ray Absorptiometry-Derived Trabecular Bone Score Curve for the Lumbar Spine in Thai Females and Males. *J Clin Densitom.* 2016;19:494-501. doi 10.1016/j.jocd.2015.05.068
5. Anongpornjossakul Y, Utamakul C, Chamroonrat W, Kositwattanarek A, Thamnirat K, **Sritara C.** Incidental Gallbladder Cancer Visualized From Posttreatment 131I Whole-Body Scan. *Clin Nucl Med.* 2016;41:e162-3. doi 10.1097/RLU.0000000000001019
6. Amnuaywattakorn S, **Sritara C***, Utamakul C, et al. Simulated increased soft tissue thickness artefactually decreases trabecular bone score: a phantom study. *BMC Musculoskeletal Disorders.* 2016 <http://dx.doi.org/10.1186/s12891-016-0886-1>
7. Thamnirat K, Utamakul C, Chamroonrat W, Kositwattanarek A, Anongpornjossakul Y, **Sritara C.** Factors affecting disease-free status of differentiated thyroid carcinoma patients. *Asian Pac J Cancer Prev.* 2015;16:737-40.
8. **Sritara C**, Thakkestian A, Ongphiphadhanakul B, et al. Work- and travel-related physical activity and alcohol consumption: relationship with bone mineral density and calcaneal quantitative ultrasonometry. *J Clin Densitom.* 2015;18:37-43. doi 10.1016/j.jocd.2014.04.117
9. **Sritara C**, Thakkestian A, Ongphiphadhanakul B. Relationship between fetuin-A levels and bone mineral density: response to Agilli et al. *Osteoporos Int.* 2015;26:841-2. doi 10.1007/s00198-014-2913-0
10. Nimitphong H, **Sritara C**, Chailurkit LO, et al. Relationship of vitamin D status and bone mass according to vitamin D-binding protein genotypes. *Nutr J.* 2015;14:29. doi 10.1186/s12937-015-0016-1

11. Vasavid P, Chaiwatanarat T, Pusuwan P, et al. Normal Solid Gastric Emptying Values Measured by Scintigraphy Using Asian-style Meal:A Multicenter Study in Healthy Volunteers. *J Neurogastroenterol Motil.* 2014;20:371-8. doi 10.5056/jnm13114
12. **Sritara C**, Thakkinstian A, Ongphiphadhanakul B, et al. Causal relationship between the AHSG gene and BMD through fetuin-A and BMI: multiple mediation analysis. *Osteoporos Int.* 2014;25:1555-62. doi 10.1007/s00198-014-2634-4
13. Chamroonrat W, **Sritara C**, Utamakul C, Kositwattanarek A, Thamnirat K, Anongpornjossakul Y. Unexpectedly expected fetal thyroid function on posttreated radioiodine (131I) SPECT/CT of a patient with differentiated thyroid cancer. *Clin Nucl Med.* 2014;39:1017-8. doi 10.1097/RLU.0000000000000530
14. Warodomwicht D, **Sritara C**, Thakkinstian A, et al. Causal inference of the effect of adiposity on bone mineral density in adults. *Clin Endocrinol (Oxf).* 2013;78:694-9. doi 10.1111/cen.12061
15. **Sritara C**, Ongphiphadhanakul B, Chailurkit L, Yamwong S, Ratanachaiwong W, Sritara P. Serum uric acid levels in relation to bone-related phenotypes in men and women. *J Clin Densitom.* 2013;16:336-40. doi 10.1016/j.jocd.2012.05.008
16. Kositwattanarek A, Changmuang W, Sangsuriyan J, et al. 131I-rituximab treatment in patient with relapsed non-Hodgkin's lymphoma: the first case report in Thailand. *J Med Assoc Thai.* 2013;96:756-60.
17. **Sritara C**, Charoenphun P, Ponglikitmongkol M, et al. Serum oncofetal fibronectin (onfFN) mRNA in differentiated thyroid carcinoma (DTC): large overlap between disease-free and metastatic patients. *Asian Pac J Cancer Prev.* 2012;13:4203-8.
18. Kulapaditharom B, Boonkitticharoen V, **Sritara C**. Plasma vascular endothelial growth factor dysregulation in defining aggressiveness of head and neck squamous cell carcinoma. *J Oncol.* 2012;2012:687934. doi 10.1155/2012/687934
19. Jongjirasiri S, **Sritara C**, Waeosak P, Laothamatas J. Normal data of left ventricular parameters in non-hypertensive patients using 320-slice cardiac CT: a study on intra- and interobserver variability. *J Med Assoc Thai.* 2011;94:1053-60. doi
20. Woravutrangkul S, Jarungjitaree S, Sritara C, Vachalathiti R, Chuaychoo B. Efficacy of Pursed Lips Breathing with Forced Expiration Techniques and Active Cycle of Breathing Technique on Pulmonary Mucus Clearance in Healthy Subjects. *Journal of Physical Therapy Science.* 2010;22:247-54. doi <http://dx.doi.org/10.1589/jpts.22.247>
21. Utamakul C, Sritara C, Kositwattanarek A, Balachandra T, Chotipanich C, Chokesuwattanaskul P. I-131 uptake in bilateral ovarian endometrial cysts. *Clin Nucl Med.* 2009;34:537-8. doi 10.1097/RLU.0b013e3181abb63700003072-200908000-00018 [pii]

22. Kositwattanarek A, **Sritara C**, Sritara P. Correlation between myocardial perfusion imaging findings and cardiac events. *J Med Assoc Thai*. 2009;92:1470-5.
23. Sritara P, **Sritara C**, Woodward M, et al. Prevalence and risk factors of peripheral arterial disease in a selected Thai population. *Angiology*. 2007;58:572-8. doi 58/5/572[pii]10.1177/0003319707303652
24. Sritara P, Patoomanunt P, Woodward M, et al. Associations between serum lipids and causes of mortality in a cohort of 3,499 urban Thais: The Electricity Generating Authority of Thailand (EGAT) study. *Angiology*. 2007;58:757-63. doi 58/6/757 [pii]10.1177/0003319707304042
25. Panichkul S, Panichkul P, **Sritara C**, Tamdee D. Cost-effectiveness analysis of various screening methods for osteoporosis in perimenopausal Thai women. *Gynecol Obstet Invest*. 2006;62:89-96. doi 92803 [pii]10.1159/000092803
26. Chuenyong K, Chakkaphak S, **Sritara C**. Gastric Accommodation in Normal Thai Adults: Assessed by Single Photon Emission Computed Tomography (SPECT) Scanning. *Thai J Gastroenterol*. 2005;6:61-6.
27. Jindahra P, Vejjajiva A, Witoonpanich R, Sirisriro R, **Sritara C**, Pulkes T. Differentiation of dementia with Lewy bodies, Alzheimer's disease and vascular dementia by cardiac ¹³¹I-meta-iodobenzylguanidine (MIBG) uptake (preliminary report). *J Med Assoc Thai*. 2004;87:1176-81.
28. Sirisriro R, Boonkitticharoen V, Kraiphikul P, et al. Detection of colorectal carcinoma by anti-CEA monoclonal antibody (IOR-CEA1) labeled with ^{99m}Tc scintigraphy. *Hepatogastroenterology*. 2000;47:405-13.
29. Boonbaichaiyapruck S, Panpunnang S, Siripornpitak S, Nitjapanich S, **Sritara C**, Sritara P. Utilization of electron beam CT scan in diagnosis of pulmonary embolism. *J Med Assoc Thai*. 1997;80:527-33.

Abstracts

1. **C. Sritara**, A. Kositwatanarek, C. Chotipanich, C. Utamakul, P. Chokesuwattanaskul. Incremental Diagnostic Value of I-131 SPECT/CT fusion imaging Over I-131 Planar Scintigraphy in Patients with Thyroid Carcinoma. Presented at EANM'07 Annual Congress of the European Association of Nuclear Medicine. Copenhagen Denmark October 13–17 2007.
2. **C. Sritara**, P. Taeshineetanakul, A. Kositwatanarek, C. Utamakul, C. Chotipanich, K. Kupoolsub, S. Musikarat, M. Panaves, P. Chokesuwattanaskul. Cutoff Point for Serum TgAb by ICMA Technique in Patients with Differentiated Thyroid Carcinoma (DTC). Presented at EANM'08 Annual Congress of the European Association of Nuclear Medicine. Munich Germany October 12-15, 2008.

3. **C. Sritara**, S. Amnuaywattakorn, K. Chuamsaamarkkee, S. Promma, K. Poonak, S. Musikarat, T. Toengkuntod, O. Wongkaew, C. Utamakul. Re-training technologists improves patient positioning for DXA and precision. Presented at the 2009 ISCD/IOF Joint Meeting in Orlando, Florida, USA. March 11-14, 2009.
4. **C. Sritara**, S. Amnuaywattakorn, S. Promma, K. Thamnirat, C. Tocharoenchai. Cross calibration of bone mineral density values among three dual energy x-ray absorptiometry systems. Presented at the ISCD's 18th Annual Meeting at the Westin Bonaventure in Los Angeles, California from March 7 through March 10, 2012.
5. **C. Sritara**, S. Amnuaywattakorn, S. Musikarat, S. Promma, C. Utamakul, C. Tocharoenchai. Cross-calibration of bone mineral density values among three dual energy x-ray absorptiometry systems: Comparison between center-derived and manufacturer's equations. Presented at the ISCD's 18th Annual Meeting at the Westin Bonaventure in Los Angeles, California from March 7 through March 10, 2012.
6. **C. Sritara**, S. Musikarat, S. Amnuaywattakorn, K. Poonak, P. Sritara. Comparison of normative reference QUS data derived from healthy Thai workers with manufacturer's standards. Presented at the ISCD's 18th Annual Meeting at the Westin Bonaventure in Los Angeles, California from March 7 through March 10, 2012.
7. W. Chamroonrat, C. Sritara, C Utamakul, A Kositwattanarerk, K Thamnirat, Y Anongpornjossakul. Unexpectedly expected fetal thyroid function on posttreated radioiodine (¹³¹I) SPECT/CT of a patient with differentiated thyroid cancer. Clin Nucl Med 2014; online doi: 10.1097/RLU.0000000000000530

Professional Memberships and Activities

2013 – Present	Registrar: Nuclear Medicine Society of Thailand
2012 - Present	Member: International Society for Clinical Densitometry (ISCD)
2012	Local participant in IAEA RAS/6061 Improving Cancer Management with Hybrid Nuclear Medicine Imaging (RCA), Chiang Mai, Thailand
2009 - 2012	Public Relations: Nuclear Medicine Society of Thailand
2011 - 2012	Treasurer: Local Organizing Committee for the 6 th Congress of Asian Society of Cardiovascular Imaging 2012
2005 - 2012	Treasurer: Thai Society of Cardiac Imaging
2009 - 2011	Country Project Coordinator in IAEA RAS6057 Strengthening and Standardizing Nuclear Medicine Applications in Cardiology in Asia through Education and Training

2007 - 2009

Scientific Chairperson: Nuclear Medicine Society of Thailand

2000 - 2007

Committee: Nuclear Medicine Society of Thailand

1995 – 2004

Treasurer: Thai Society of Nuclear Cardiology