

CURRICULUM VITAE



Dr. Damayanthi Kusum Kumari Nanayakkara

PERSONAL DETAILS

Name : Dr (Mrs) Damayanthi Kusum Kumari Nanayakkara
Official Address : Nuclear Medicine Unit, Faculty of Medicine,
University of Peradeniya, Peradeniya, Sri Lanka
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E-mail damayanthi.nanayakkara@med.pdn.ac.lk /damayanthinanayakkara@gmail.com

Number of years in service : 35 years

PRESENT DESIGNATION: Senior Lecturer (Grade 1)

Nuclear Medicine Physician (with a special interest in Paediatric renal imaging, thyroid diseases and Radionuclide Therapy, cancer imaging and DXA)

EDUCATION QUALIFICATIONS

Undergraduate

1990 : Bachelor of Medicine Bachelor of Surgery (MBBS) 1990
Faculty of Medicine, University of Peradeniya, Sri Lanka

Postgraduate

1998- 2000 : Master of Philosophy (MPhil -Nuclear Medicine)

Postgraduate Medical School, University of Newcastle, Newcastle upon Tyne, UK

2002- 2007: Doctor of Philosophy (PhD - Nuclear Medicine)

Faculty of Medicine, University of Peradeniya, Sri Lanka

ANMB Fellowship (2015) -Fellow Asian Nuclear Medicine Board (FANMB)

PROFESSIONAL EXPERIENCE:

1 Dec 2014- 26 Dec 2014	IAEA Fellow & Clinical Observer, The Royal Liverpool and Broadgreen University Hospitals NHS Trust; Department of Nuclear Medicine, Liverpool, United Kingdom
Since April 2008	Appointed as the Regional Principal by the Asian Regional Cooperative Council for Nuclear Medicine (ARCCNM) and the Asian School of Nuclear Medicine (ASNMM)
14 th -28 th June 2007	IAEA Scientific visit - National Testing Centre, Auckland Hospital, New Zealand
July 2003-Feb 2004	IAEA Fellow -St.Lukes Medical Centre, Quizon city, Philippines
Aug 2002- up to date	Senior Lecturer(Grade 11 and Grade 1) in Nuclear Medicine, Nuclear Medicine Unit, Faculty of Medicine, University of Peradeniya Sri Lanka
Aug 1998- Aug 2000:	Honorary Research Associate in the University Department of Radiology & Nuclear Medicine, University of Newcastle upon Tyne ,UK Clinical Observer in the NHS trust, Newcastle upon Tyne, UK
July1997-July 1998	Lecturer in Nuclear Medicine, Nuclear Medicine Unit, Faculty of Medicine, University of Peradeniya Sri Lanka
May-1993-July 1997:	Grade Medical officer in Radiology, Department of Radiology, Teaching Hospital Peradeniya, Sri Lanka

March 1992-May 1993	Medical Officer in Neonatology, Professorial paediatric Unit, Teaching Hospital, Peradeniya, Sri Lanka
Sept 1991-March 1992	Intern Medical officer in Obstetrics & Gynaecology, Professorial Unit, Teaching Hospital, Peradeniya, Sri Lanka
March 1991-Sept. 1991:	Intern Medical officer in General Medicine, Professorial unit, Teaching Hospital, Peradeniya Sri Lanka

Clinical – Training in Radiology and Nuclear Medicine

1. **Radiology:** May 1993-July 1997 Teaching Hospital , Peradeniya, Sri Lanka
2. Nuclear Medicine – July 1997 – Aug 1998 Faculty of Medicine , University of Peradeniya
3. Radiology and Nuclear Medicine - **August 1998 to August 2000, Dept. of Radiology and Medical Physics, Royal Victoria Infirmary , Newcastle upon Tyne UK. (Special training in CT and MRI)**
4. 8th February 1999 to 15 February 1999- Basic Medical Physics Newcastle Radiology training scheme, Department of Radiology, Royal Victoria Infirmary
5. 11 - 18 July 2000- **Diagnostic Neuro- Scintigraphy using triple headed SPECT gamma camera - Data acquisition and data manipulation, image processing and interpretation and their clinical applications**, Regional Medical Physics Unit, Newcastle General Hospital, Newcastle upon Tyne
6. 21 July 2000- **Radioisotope Renal function Measurements and their clinical applications**, Regional Medical Physics Unit, Freeman Hospital, Newcastle upon Tyne
7. 31 July 2000 -**The safe administration of unsealed radioactive substances to patients, Radio-Pharmacy and dispensing**, Regional Medical Physics Unit, Royal Victoria Infirmary, Newcastle upon Tyne
8. 04 August 2000-**Scintimammography** Regional Medical Physics Unit, Dryburn Hospital, Dharum
9. 4-8 December 2000- **Regional (RCA) Training Course on Radionuclide Techniques in the management of Diabetes Mellitus** (organised by the IAEA in co-operation with the Government of Philippines) Philippines Heart Centre, Manila, Philippines\
10. 9-13 April 2001-**IAEA-Regional (RCA) Training Workshop on scintimammography, sentinel lymph node detection and intra-operative surgical probe technology** Nuclear Medicine Oncology and Radiotherapy Institute (NORI), Islamabad, Pakistan
11. 5-9 November 2001-**IAEA-Regional (RCA) Training Workshop on management of thyroid cancer** St.Luke’s Medical Centre, Manila, Philippines
12. 9-13 Sept 2002-**IAEA-Regional (RCA) Training Workshop on Radionuclide treatment of Liver cancer** Cho Ray Hospital, Ho Chi Minh City, Vietnam
13. July 2003- Feb 2004 – **IAEA fellowship training**, (On Nuclear Medicine In General And Radionuclide Therapy In Particular.) IAEA regular programme of technical training project under man power development – Sri Lanka) St Likes’ Medical Centre, Manila, Philippine

14. 16 July –15 Aug 2003 **Radioisotope technique training course (Medical)**, 86th session, Philippine Nuclear Research institute, Quezon City, Philippines
15. Nov 2003-Dec 2003 **Training course on Radioimmunoassay**, Philippine Nuclear Research institute, Quezon City, Philippines
16. 8-12 Dec 2003 **Training course in the use of Intra-Arterial Radio nuclides for the treatment of Inoperable Liver cancer** in cooperation with the IAEA and the Asian School of Nuclear Medicine, Manila, Philippines
17. 2-6 Feb 2004 **Paediatric Nuclear Medicine**, in cooperation with the Philippine Society of Nuclear Medicine, IAEA and the Asian School of Nuclear Medicine, Manila, Philippines
18. 6-10Dec 2004 **IAEA Regional (RCA) training course on Interventional methods in Nuclear Medicine** P.D.Hinduja National Hospital, Mumbai, India
19. 13-17 Nov 2006 **IAEA-Regional (RCA) Training Course on PET application for Oncologists, Radiation Oncologists, and Haematologists Maebashi and Chiba, Japan**
20. 5-9 March 2008 **SGH Nuclear Medicine Update**, Singapore General Hospital Postgraduate Medical Institute, Singapore
21. 5-9 Nov 2012 **Quality Management audits in Nuclear Medicine Practices (QUANUM)** Bangkok, Thailand
22. 10-14 Dec 2012 **IAEA/RCA Regional Training course on Imaging in Ischemic Heart diseases and cardiac failure**, Yangon, Myanmar
23. **8 - 12 April 2013** C7-RAS-6.063-002- **IAEA/RCA Regional Training Course on Multi-Modality Approaches in the Diagnosis of Cardiovascular Diseases**, Maesbashi, Gunma, Japan,
24. **Sep 2014 C7- RAS 6061 IAEA /RCA Regional Training course on Advance Hybrid Imaging**, Austin Health, Melbourne Australia.
25. Dec 2014 SRL 6032 **IAEA fellowship training in Nuclear Cardiology Spect/ Ct For Oncology, Infection Imaging And Cell Labelling And Molecular Imaging.**, Royal Liver pool hospital NHS trust , UK
26. May 2015 RAS 6075 **Applications Of SPECT and PET/CT In Paediatric NM And Development Of Training Module For Asian Member states** – Manila , Philippines
27. Nov RAS 6075 **Role Of PET/CT In Paediatric Oncology And E-Learning Module Development and Work Plan Review** , Jeju, Korea
28. May 2016 RAS 6078 **Nuclear Medicine Techniques In Neurological Diseases: Emphasis On Oncology And Neurology (Icnmp-Pa)** , Osaka Japan Part 1
29. Aug 2016 RAS 6074 **.Regional Training Course On The Role Of Molecular Imaging And Therapeutic Nuclear Medicine Techniques In The Management And Treatment Of Relevant Non-Communicable Diseases** , Seoul, Korea
30. May 2017 RAS 6078 **Nuclear Medicine Techniques In Neurological Diseases: Emphasis On Oncology And Neurology (Icnmp-Pa)** , Osaka Japan Part 2

31. 19-21 sept 2017 **The NIRS training course on radiation emergency medicine in Asia 2017;** National Institute of Radiological Sciences (NIRS), National Institutes for Quantum and Radiological Science and Technology (QST) Anagawa 4-9-1, Inage-ku, Chib-shi, Chiba Japan
32. 2-6th Oct 2017 - **IAEA Regional Workshop on “Occupational Radiation Protection”, Ibaraki, Japan**
33. **5-9th Feb 2018 – IAEA Inter-regional Training Course of Targeted Radionuclide Therapies, in MD Anderson Cancer Hospital, Houston, TX, United State of America**
34. **3-7 Dec 2018 – IAEA Final Meeting for Regional Technical Cooperation RAS/6/082- "Supporting the Applications of Emerging Targeted Therapeutic Radiopharmaceuticals for Radionuclide Therapy", Putrajaya, Malaysia**
35. **3-7th June 2019 -Regional Training Workshop on Production, Quality Control and Health Regulations for Radiopharmaceuticals (EVT1807698) in Singapore**
36. **2-6 Sept 2019 Group Scientific Visit (RAS6091 – EVT 1900082) Streamlined and New Radiopharmaceutical, Hybrid imaging, Therapy and multimodality cardiac imaging at the American University of Beirut Medical Center.Beirut, Lebanon**

Academic training courses:

1. 9 September 1998 to 16 December 1998- **Endocrinology and Metabolism, Taught programme for PhD and Biomedical Science students**, Department of clinical biochemistry and metabolic disorders, University of Newcastle, UK
2. 30 September 1998 to 15 March 1999- **Professional Skill and Information Technology for Postgraduates**, Medical school, University of Newcastle
3. 12th Feb 2006 Satellite Symposium on Diabetes, 28th Annual Academic Sessions, Kandy Society of Medicine, Kandy
4. 14th Feb 2006 **Certificate course of Management – Ambulance studies**, Faculty of Medicine, University of Peradeniya, Sri Lanka
5. Jan 5th Feb 2008 **Pre congress workshop on IUI and day to day management of Infertility**, 51st All India Congress of Obstetrics & Gynaecology, Sri Ganga Ram Hospital, New Delhi
6. IAEA-KAERI-WCI e-learning course on diagnostic and therapeutic Radioisotope and radiopharmaceuticals application (5th~30th Aug 2019)

RESOURCE PERSON & INVITED LECTURES IN CONTINUOUS MEDICAL EDUCATION

Resource person in the **International consultative workshop for the development of curricula for BSc. Degree Programmes in Nursing, Medical Laboratory Sciences, Physiotherapy, radiography and Bachelor of Pharmacy**” organized by the faculty of Medicine, University of Peradeniya, 11-15-November 2005

Resource person and organizer **“National workshop and the stakeholders meeting for Newborn Screening for congenital hypothyroidism** ‘ in collaboration with the Nuclear Medicine Unit and the International Atomic Energy Agency, 24th Jan 2006

Resource person in the **“Pre Hospital Emergency Care Training Programme”** conducted by the Faculty of Medicine, University of Peradeniya from 6th February to 3rd March 2006

Resource person in the **Pre congress workshop on “Role of the Screening Programmes for Better Child Health”** organised by The Galle Medical Association, 18th Sept 2007, Faculty of Medicine, Galle

Resource person in the **“ Consultative workshop for Decision Making in Establishing Newborn Screening Services in Sri Lanka”** organized by the Family Health Bureau, Ministry of Health, and Colombo 30th May 2008

Resource person in the workshop on **“Development of Southern regional network on screening Newborns for Congenial Hypothyroidism”** organised by the Faculty of Medicine Ruhuna, International Atomic Energy Agency and the Perinatal Society of Sri Lanka, 17th June 2008 (International Expert mission to strengthen the regional screening programme network for neonatal hypothyroidism, RAS 6042 project Phase 2)

Resource person in the work shop on **“Development of Central Province Newborn screening net work for Congenial Hypothyroidism”** organised by the Faculty of Medicine Peradeniya, International Atomic Energy Agency and the Clinical Society of TH Gampola, 19th June 2008 International Expert mission to strengthen the regional screening programme network for neonatal hypothyroidism, RAS 6042 project, Phase 2)

Resource person for the **Preparation of laboratory guideline for Establishing Newborn Screening for congenital hypothyroidism** organised by the Family Health Bureau, Ministry of Health, Colombo Oct 2008

Resource person-37th Annual General Meeting organized by the Kandy Branch association of the National Council for Child and Youth Welfare, Sri Lanka, on 4th December 2008

Invited Lecturer-Thyroid Day 2011, “Nuclear medicine in Thyroid diseases” ,Crystal ball room , 27th June 2011, Taj Samudra Hotel. Colombo

Invited Lecturer- Endocrine Society of Sri Lanka Annual academic sessions 2011, “Nuclear Medicine & Thyroid” 26-27th Aug 2011, Hotel Galadari , Colombo

Invited speaker: 11th Asia Oceania Federation of Nuclear Medicine and biology (AOFNMB) and 54th Annual autumn meeting of the Korean society of Nuclear Medicine; 31st Oct to 7th Nov 2015; International Convention Centre (ICC), Jeju, South Korea- **“Radionuclide Imaging in Urinary Tract Infection in Children.”**

Current issue 06: D.K.K. Nanayakkara; *Radionuclide Imaging in Urinary Tract Infection in Children; Asia Oceania Journal of Nuclear Medicine & Biology 2015;vol 3, supplement 1 page.377-378 (abstract)*

IAEA Regional Project Counterpart

- 1. RAS 6/043 IAEA Regional Screening Network For Neonatal Hypothyroidism, Phase 11 ; 2005 (Completed in 2010)**
- 2. RAS 2013 Good Radiopharmacy Practice And Good Manufacturing Practice - 2007 (Completed in 2011)**
- 3. RAS 6/061 IAEA/RCA Initial Project Coordination Meeting on Improving Cancer Management with Hybrid Nuclear Medicine Imaging (2012/14)**
- 4. RAS 6/063 “Strengthening the application of Nuclear medicine in the management of cardiovascular disease (2012/2014)- completed**
- 5. RAS 6/067“Strengthening Nuclear Medicine Diagnostic and Therapeutic applications in Oncology in the Asian Region” (2012/2014**
- 6. RAS 6075” Optimizing the Role of Nuclear Medicine Techniques in The Diagnosis and Clinical Management of Childhood Cancer and Inborn Diseases - 2014 on going**

IAEA National Technical corporation projects: Coordinator

SRL6032 “Upgrading Nuclear Medicine Diagnostic Imaging Facilities at University of Peradeniya” (2012/14)

SRL 6034 “Strengthening Nuclear Medicine Procedures for Radionuclide Therapy to Improve Clinical Outcome of Patients with Cancer and Chronic Joint Diseases: (2014/15)

Member of coordinated Research Project –on going IAEA MPI –CRP

RAS 6063 -IAEA Regional Training Course Director / Financial Officer – July 2014 Improving Nuclear Cardiology Services in Evaluation of Ischemic Heart Disease and Left Ventricular Failure – Colombo .Sri Lanka

RAS 6075 - IAEA Regional Training Course Director / Financial Officer – July 2015 Regional Training Course On Principles And Practice Of Paediatric Nuclear Medicine And Application Of Radionuclide Techniques In Paediatric Nephro-Urology Practice , Colombo , Sri Lanka

Country coordinator/ project manager, IAEA project for **Neonatal screening for congenital hypothyroidism**, (RAS 6043), Nuclear Medicine unit, Faculty of Medicine, University of Peradeniya since 2005

Country coordinator/ project manager, IAEA project for **Good Hospital Radiopharmacy practice**, (RAS 2013), Nuclear Medicine unit, Faculty of Medicine, University of Peradeniya

SCIENTIFIC MEETINGS ATTENDED

1. 5th Oct 1998 **MRI symposium**, Postgraduate Institute, Royal Victoria Infirmary
2. 8-10 Oct 1998 **26th British Nuclear Medicine Society meeting**, Newcastle upon Tyne, UK
3. 24th March 1999 **How safe Radiation is?** RVI, Newcastle upon Tyne UK
4. 12th March 2000 **Development of Nuclear Cardiology**, RVI, Newcastle upon Tyne UK
5. 13-15 March 2000 **19th Joint Meeting of the British Endocrine societies with the European Federation of Endocrine Societies**, Birmingham UK
6. 10-12 April 2000, **28th British Nuclear Medicine Society meeting**, Brighton, UK
7. 21st Oct 2003 **Critical Care Symposium: The cutting edge from Filipino American Experts for Filipino Practitioners**, Madaluyong City, Philippines
8. 6th Feb 2004 **19th Annual Convention of the Philippine Nuclear Medicine Society meeting**, Pasig city, Philippines
9. 18th March 2005 **Workshop on Clinical Research** organised by the Research and Ethical Review Committee. Faculty of Medicine, University of Peradeniya.
10. 11-15 Oct 2005 **1st International Conference on Radio pharmaceutical therapy (ICRT2005)** Limassole, Cyprus
11. 11-15 Nov 2005 **International Consultative Workshop for the Development of Curricula for BSc degree Programmes in Nursing, Medical Laboratory Sciences, Physiotherapy, Radiography and bachelor of Pharmacy, Faculty of Medicine, University of Peradeniya**
12. 5 Jan 2006 **Skills Development for Research on Road Traffic Injuries**, Road traffic injuries research network in collaboration with the /university of Peradeniya, Sri Lanka
13. 3-7 Sept 2007 **2nd International Conference on Radio pharmaceutical therapy (ICRT 2007)** Ulaanbaatar, Mongolia
14. 1-2nd June 2006 **Introductory Workshop on Principles and Practice of Counselling**, University of Peradeniya
15. 31 Jan 5th Feb 2008 **Pre congress workshop on IUI and day to day management of Infertility**, 51st All India Congress of Obstetrics & Gynaecology, Sri Ganga Ram Hospital, New Delhi
16. 5-9 March 2008 **SGH Nuclear Medicine Update**, Singapore General Hospital Postgraduate Medical Institute, Singapore
17. **European Congress of Radiology 2020** online; conducted by European Society of Radiology , July 15-19 , 2020
18. **33rd Annual Congress of the European Association of Nuclear Medicine – EANM'20 (Virtual)** October 22 - 30, 2020

19. 21-22 Sept 2021 - **The 5th QST International Symposium on Radiation Emergency Monitoring and Medicine in Nuclear Disaster** –Current Status of Each Country and Future Prospects - live online by Cisco Webex Events from Japan
- 20 21 Sept 2021 **the Power of Data: an IAEA Approach to enhance Cancer Support - from Prevention to Palliation** – 65th the IAEA General Conference Side Event:
- 21 2-6 Nov 3021 - **Workshop on Cardiac SPECT, SPECT/CT and PET/CT in Clinical Practice including image processing and interpretation. Nagoya Congress Center (Web Seminar), Nagoya, Japan**
- 22 1-3 Nov 2021 - 20th Annual General Meeting of the Asian Regional Cooperative Council for Nuclear Medicine (ARCCNM) Virtual (conference)
23. 7-11 Sep 2022 -The 13th Congress of the World Federation of Nuclear Medicine and Biology (WFNMB 2022) and 9-11 Sept 2022 the 62nd annual meeting of the Japanese Society of the Nuclear Medicine Technology (JSNMT 42), Kyoto, Japan

Teaching Contribution:

Undergraduate Teaching –

Undergraduate (Medical) Faculty of Medicine, University of Peradeniya

Undergraduate (Medical Laboratory science), Faculty of Allied Health Science University of Peradeniya

Undergraduate (Radiography- Nuclear Medicine -Special Degree) Faculty of Allied Health Science University of Peradeniya

Undergraduate (Nuclear Medicine Science -Special Degree) – Faculty of Science, University of Colombo

Postgraduate Teaching

Postgraduate Teaching (Medical) - Postgraduate Institute of Medicine (PGIM)

Post MD- Paediatric intensivists

Post MD – Endocrinologists

Postgraduate Institute of science (PGIS), University of Peradeniya

M.Sc. in Medical Physics - 2008 up to date

M.Sc. in Clinical Biochemistry and Molecular Biology (Analytical Techniques and Clinical Interpretation of Thyroid function test)

M.Sc. in Medical Microbiology – Semester I,- Radiation waste management (2018—2021)

Examiner:

Undergraduate medical programme (Y4S2)

Examiner for M.Sc. in Medical Physics & MSc Medical Laboratory Science

Reviewer - Mid semester review of the M.Sc. Research projects in Medical Physics- 2006/2007

Module coordinator- Y3S1 Endocrine function, Homeostasis and Metabolism (2005 -2010)

Member of the monitoring and evaluation board, Faculty of Medicine, University of Peradeniya since 2005

Member - Ethical clearance committee, Postgraduate Institute of Science, University of Peradeniya since 2009

Supervisor -Under graduate Final year research projects: Faculty of Science, UOP

2010- Miss. S.D.Karunasean – Radiation burden during medical imaging

2012- Miss Isanka Jayawardana – Development of a biological dosimeter

2020 Miss M.F. Shirooza (S/13/490), final year Physics(Major): Low dose Radioiodine therapy for thyroid cancer patients as outpatient treatment: A study on dosimetry and radiation safety at the Nuclear Medicine Unit, University of Peradeniya

2021 Mr. E.M.D.K.B. Hathnagoda 'Construction of Gamma-ray Shielding Material for Thyroid Cancer Patients Treated with Radioiodine'

2022 Mr.M. U. Ranasinghe - Incorporation of Sri Lanka's natural minerals, zircon and apatite in radiation shielding

Post graduate Research:

Examiner for MSc Medical Physics / Evaluation of research reports

Miss. Vijitha Ramanadan (MDP/06/252) - 2009

Miss. N.Loganathan (MDP/06/260) - 2009

Miss. Shipa Singh (MDP/08/06) - 2010

Supervisor- MSc. Biochemistry and molecular Biology - All candidates have successfully completed their degree.

1. Mr. N.G.R.S.S.Chandana PGIS/BM/MSc/CLB/2004/14 ;Biochemistry and Molecular Biology, PGIS, University of Peradeniya (2009) MSc Dissertation 2010
Title: A Study on Hormone Assessment of Subfertile Men with Idiopathic Non Obstructive Oligospermia or Azoospermia (MSc awarded in 2010)
2. Mr.Sankha Nanadakumara(PGIS/BM/MSc/CLB/2009/09) MSc Dissertation 2013
Biochemistry and Molecular Biology, PGIS, University of Peradeniya
Title: Serum progesterone, TSH and Oxidant Stress in Subfertile Women (MSc awarded in 2014)
3. Ms.Kavithanjaly.Rajeewan (PGIS/BM/MSc/CLB/2009/10) MSc Dissertation 2014
Biochemistry and Molecular Biology, PGIS, University of Peradeniya
Title: Study on Antioxidant status and oxidant stress in hypothyroid patients (MSc awarded in 2014)

4. *Shamila Wickramarathna (PGIS/BM/MSc/CLB/11/08)*
Title: Serum Progesterone, TSH and antioxidant stress in subfertile women (MSc awarded in 2014)
5. *N.M.M.S. Rathnayake (PGIS/PH/M/MDP/19/03) (MSc awarded in 2022)*
Title: Evaluation of the relationship between pretreatment serum thyroglobulin level and the emitted dose rates of ¹³¹I treated patients

2021 - Master of Philosophy (MPhil), University of Peradeniya, Sri Lanka (February-2021)

MPhil Degree - *Dr. Abdul Raheem Mohamed Sanooz Lecturer (probationary), Department of Clinical Sciences; Faculty of Health-Care Sciences; Eastern University, Sri Lanka*

(Reg. no. HD/2018/06) : *Outcomes of radioiodine therapy in relation to the timing with antithyroid drugs in patient with hyperthyroidism.*

Member of the monitoring and evaluation board, Faculty of Medicine, University of Peradeniya since - 2005 -2018

Member - Ethical clearance committee, Postgraduate Institute of Science, University of Peradeniya since 2009 - todate

RESEARCH EXPERIENCE

- 1993 J. Sirisena, L Jayasena D Nanayakkara; *"A Study of Major birth defects seen at a General hospital"*. Kandy Med J. 1993; 2(2) 58-61
- 1993 Jayantha Sirisena, Damayanthi Nanayakkara L. Jayasena; *"Birth defects in 2040 consecutive deliveries of General Hospital Peradeniya"* Proceedings of the 26th Annual Scientific Sessions, Sri Lanka College of Obstetricians & Gynaecologists. 9-13 July 1993 (Abstract - P15)
- 1999 Nanayakkara DKK; *"Renal Artery stenosis - Review"* (Oral presentation) Clinical meeting, Medical physics, Royal Victoria Infirmary, Newcastle upon Tyne, UK, 5. October 1999.
- 1999 Nanayakkara DKK; *"Evaluation of the validity of pre operative localisation of parathyroid glands using ¹²³I/Tl²⁰¹"* (Oral Presentation) Clinical meeting, Medical physics, Royal Victoria Infirmary, Newcastle upon Tyne, UK 6 December 1999.
- 2000 Nanayakkara DKK *"RAI in thyroid disease"* Endocrine unit academic meetings - 2000; The Medical School, University of Newcastle, UK (Oral presentation - 6 Feb 2000)
- 2000 Nanayakkara DKK, Keir MJ, Robinson A, Ball SG (2000) *"The effect of pre-treatment with anti-thyroid drugs (ATD) on the outcome of both fixed dose and calculated dose RAI therapy for Graves' disease; A retrospective Analysis"*: Journal of Endocrinology (Abstract Supplement), 164, P 339, Birmingham, UK

- 2000 DKK Nanayakkara, MJ Keir, SG Ball (2000); Radioiodine therapy- Audit of fixed dose outcome for Graves' disease and toxic multinodular goitre, Nuclear Medicine Communications, 21, P 402 Brighton, UK
- 2000 DKK Nanayakkara "*A comparison of fixed dose versus graded dose of radioiodine for the treatment of thyrotoxicosis and the effects of pre-treatment with antithyroid drugs on the outcome of treatment*"
Thesis submitted for the degree of M.Phil. at the University of Newcastle, UK (July 2000)
- 2001 DKK Nanayakkara, MN Jiffry, WKK Perera, *Routine Assessment of thyroid function test (TFT) in menorrhagia* (oral presentation); Proceedings of the 34th Annual Scientific Sessions, Sri Lanka College of Obstetricians & Gynaecologists. 10-12 August 2001 (Abstract -P15)
- 2001 DKK Nanayakkara, MN Jiffry, GAB Weersekara, *Prevalence of premature Ovarian Failure*. (Oral presentation); Proceedings of the 34th Annual Scientific Sessions, Sri Lanka College of Obstetricians & Gynaecologists. 10-12 August 2001 (Abstract -P15)
- 2002 DKK Nanayakkara, MN Jiffry, GAB Weersekara, *Hormone assessment in patients with polycystic ovaries and menstrual problems; Proceedings of the 24th Annual academic sessions, of the Kandy society of Medicine, Vol. 24 Feb 2002* (Abstract -P45)
- 2002 DKK Nanayakkara, ASB Wijekoon, DM Hemawardana, GAB Weersekara, AA Tammita, ASDI Silva, WKK Perera; *Retrospective analysis of clinical symptoms used for detection of congenital hypothyroidism*; Proceedings of the Peradeniya university Research sessions, Vol 8 Nov 30, 2002 p100
(This paper was adjudged a commendable presentation at the session)
- 2003 DKK Nanayakkara, ASB Wijekoon. *Hypothalamic-pituitary hypothyroidism detected by biochemical screening for congenital hypothyroidism*; Proceeding of The Kandy Society of Medicine Jubilee academic sessions, Vol. 25, 5-7 February 2003 (abstract 94p)
- 2004 DKK Nanayakkara, ASB Wijekoon. *Laboratory screening for congenital hypothyroidism in early infancy, a hospital-based study*: Proceedings of the Peradeniya University Research Sessions Vol.9, Nov 10, 2004; p103
2005. D.Nanayakkara, C.Udugama, L.Watawana, D.M.Hemawardana et.al *Radioiodine application in the management of differentiated thyroid cancer (DTC)-A descriptive study*; Proceedings of the Annual academic sessions of the Kandy society of Medicine 27 Feb 2005 (P85-86)
- 2005 D.Nanayakkara, *Radioiodine application (I131) in the management of differentiated thyroid cancer (DTC)-Audit*. International Conference on Radio pharmaceutical Therapy organised by World Radio pharmaceutical Therapy Council (World Federation of Nuclear Medicine & Biology) Limassol, Cyprus 11-14 Oct 2005 oral presentation, World Journal of Nuclear Medicine, Vol.4, supplement1, Oct 2005 pages 54-55.
- 2005 D.Nanayakkara, A.Wijekoon, KK Solanki, **The Role of Thyroid scans in early infancy**. EANM'05- Annual Congress of the European Association of Nuclear Medicine, Istanbul, Turkey 15-19 Oct 2005 (poster presentation P513 Paediatrics) Eur.J of Nuclear Medicine & Mol. Imaging 2005 Vol.32 sept. S222

- 2005 D.Nanayakkara, A.Wijekoon *A report on the follow up of infants with marginal hyperthyrotropinemia in early Infancy* Proceedings of Peradeniya University Research Sessions, Sri Lanka, Vol.10, Nov 10, 2005
- 2005 Balasuriya BM, Nanayakara D, Goonasekara CD (2005) **Brain death confirmed by Tc(99m) DTPA scan in a case of subarachnoid haemorrhage following a krait bite.** Ceylon Med J 50: 165–166. doi: 10.4038/cmj.v50i4.1409
- 2006 A.S.B. Wijekoon, D.K.K.Nanayakkara, Nawaz Jiffry, M.Rasnayake, Jiffry Nilam, G.Liyanage, Solanki, K., **“Towards Neonatal screening for congenital hypothyroidism in Sri Lanka”. A pilot project;** Abstracts, ISNS Proceedings of the 6th meeting of the International Society for Neonatal Screening; Sept 16-19 2006 Japan (WS 49) p 108
- 2006 D.Nanayakkara, K.Perera, S.Herath, N.Jiffry, J.Nilam, K.Solanki: **Neonatal screening for congenital hypothyroidism;** First Experience. Proceedings of the Peradeniya University Research Sessions, Sri Lanka, Vol.11, Nov 30, 2006; p110
- 2007- Damayanthi Nanayakkara, Nawaz Jiffry, Nilam Jiffry, Liyanage, Guwani Liyanage, Kishor Solanki, and Rasnayake Muduyanse (2007). **Neonatal screening for congenital hypothyroidism – pilot project experience in Sri Lanka.** Proceedings of the 12th Asia Pacific Congress of Paediatrics and 2nd Asia Pacific Congress of Paediatrics Nursing in Conjunction with 10th Annual Congress of Sri Lanka College of Paediatricians Vol 1, Issue 1 12-15th March 2007 Sri Lanka.
- 2007 Damayanthi Nanayakkara **“Is administered Radioiodine activity appropriate? The effects of pre treatment antithyroid drugs on the therapy outcome”** ICRT 2007, World Journal of Nuclear Medicine, 6 (1) pages 43-44. 3-7 Sept 2007 in Ulaanbaatar, Mongolia
(This paper was adjudged an excellent presentation at the session)
- 2007 D.Nanayakkara, A. Wijekoon, N. Jiffry, R.Mudiyanse, J. Nilam, K.Perera, S.Herath, K. Solanki, **Screening for Congenital Hypothyroidism in Government Hospitals in Sri Lanka.** Proceedings of Peradeniya University Research Sessions, Sri Lanka, Vol.12, part 1 Nov 30, 2007
- 2007 DKK Nanayakkara “The practice and limitations of screening for congenital hypothyroidism in selected hospitals in SriLanka”
Thesis submitted for the degree of PhD at the University of Peradeniya, Sri Lanka (April 2007)
- 2008 Nanayakkara D., Udugama C., Perera K., Herath S., Manodara R., Wjethungaarchci I: **Management of Differentiated thyroid carcinoma with available facilities for radioiodine therapy.** ISRT 2008, World Journal of Nuclear Medicine, vol 7 (4) Oct 2008 pages 243-244. 27-30 Goa, India
- 2008 Chandana N.G.A.S.S., Nanayakkara D.K.K., Rosario S., Pethiyagoda A.U.B.: **Hormonal Assessment of subfertile men with idiopathic non-obstructive Azoospermia or Oligospermia:** Proceedings of Peradeniya University Research Sessions, Sri Lanka, Vol.13, (18th Dec, 2008) P 235

- 2008 Abeysekera R.A., Bandara U.N., Nayakarathna R.K., Megodagoda N.T., Shiroma R.G.L., Abeykoon H.P., Nanayakkara D.K.K., Udugama C., Watawana L, Rajarathna A.A.J.: **Ventilatory Functions of Hypothyroid, Hyperthyroid and Euthyroid individuals:** Proceedings of Peradeniya University Research Sessions, Sri Lanka, Vol.13, (18th Dec, 2008) P 261
- 2009 Nanayakkara D.K.K. **“Pilot study on low dose radioiodine ablation of thyroid remnants”** Proceedings of Peradeniya University Research Sessions, Sri Lanka, Vol.14, (3rd Dec, 2009) P 148
- 2009 Nanayakkara D.K.K. **“Assessment of thyroid functions using serum TSH measurement in a group of adult females; a prospective study”** Proceedings of Peradeniya University Research Sessions, Sri Lanka, Vol.14, (2009) P 160
- 2010 Chandana N.G.A.S.S., Nanayakkara D.K.K., Rosario S., Pethiyagoda A.U.B, Bandara H.G.W.A.P.L., Bandara Y.M.S.P.Y. **“ Relationship of Hormone Concentrations to Testicular Volume in Non-obstructive Azoospermia or Oligospermia”**, Proceedings of Medical Technology , Window on Science and Technology, special seminar issue, Vol XX-2010, All India Institute of Medical Technologists, Kolkata, India
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OTHER CONTRIBUTION

1. 11-15 Nov 2005 *International Consultative Workshop for the Development of Curricula for BSc degree Programmes in Nursing, Medical Laboratory Sciences, Physiotherapy, Radiography and bachelor of Pharmacy* – as a resource participant for the above workshop
2. Coordinator–*Pre-hospital Emergency care Training (HEDMaTC)- WHO funded project 2006/2008 Establish a Pre-hospital Emergency care Training (HEDMaTC) at the faculty of Medicine, University of Peradeniya*
3. **Resource person** in the “ *Consultative workshop for Decision Making in Establishing Newborn Screening Services in Sri Lanka*” organized by the Family Health Bureau, Ministry of Health, Colombo 30th May 2008
4. **Resource person** for the *Preparation of laboratory guideline for Establishing Newborn Screening for congenital hypothyroidism* organised by the Family Health Bureau, Ministry of Health, Colombo Oct 2008

CONTRIBUTION TO THE FACULTY OF MEDICINE AND UNIVERSITY OF PERADENIYA

1. Senior student counsellor (2004, 2005 and 2006)
2. Student Mentor (2005, 2006 and 2007)
3. Member of Student affairs committee 2006, 2007 and 2008
4. Member of Student welfare committee 2006, 2007 and 2008
5. Member of scholarships committee 2006, 2007 and 2008
6. Member of the selection committee (Faculty nominee- for technical officer grade 11 segment “B”, Faculty of Medicine 2006
7. PFMTA ex-co member 2002- 2006 + vice president of the PFMTA in 2005
8. Life member - Kandy Society of Medicine Sri Lanka
9. Member of the Examination and Evaluation committee, Faculty of Medicine since 2005
10. Alumni, University of Newcastle, UK
11. Life member in Women in Nuclear field (WIN global)
12. Member in World Association of Radiopharmaceuticals and Molecular Therapy (WARMTH)
13. Member in International Radio Pharmaceutical Therapy Council (ICRT)
14. Member Asian Regional Cooperative Council for Nuclear Medicine (ARCCNM) .
15. Regional Principle - Asian school of Nuclear Medicine (ASNMM)
16. Member Asia Oceania Federation of Nuclear Medicine and biology (AOFNMB)
17. **Member** – American Society of Nuclear Cardiology (**ANC Member ID 146865**)
18. **Member -European Society for Hybrid, Molecular and Translational Imaging 2020**

EXTRA ACTIVITIES

1. Lay lecturer to St.John Ambulance Brigade since 1985
2. Represented at National School Sports Meet in Several occasions
3. Diploma in Alternative Medicine & Acupuncture 1987