

# Dileep De Silva

- Chair Professor of Community Dentistry  
and a specialist in Health Management, University of Peradeniya, Sri Lanka

## Contact

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## Profile

I currently serve as the Chair Professor of Public Dental Health at the Faculty of Dental Sciences and as the Director of the Career Guidance Unit at the University of Peradeniya, a position I have held since 2022. With over 15 years of experience as a Senior Lecturer in Health Management and Community Medicine/Dentistry at the Postgraduate Institute of Medicine, University of Colombo, I also bring 25 years of dedicated service in the Ministry of Health, Sri Lanka.

In my previous role as Head of the Health Human Resources and Health Economics Division within the Ministry of Health, I contributed significantly to health policy and workforce development. My academic qualifications include a PhD in Health Care Management from the University of Southampton, UK, MBA (Colombo), MSc, and MD in Public Dental Health from the University of Colombo. I am a Board-certified Specialist in Community Dentistry and hold a Bachelor of Dental Surgery (BDS) and FDS RCPS (Glasgow).

Additionally, I am a qualified Chartered Banker and Management Accountant, specializing in Health Finance. I am recognized for my exceptional communication, interpersonal, and academic skills, which enhance my ability to lead and collaborate effectively in diverse professional settings.

## Career History

### Current Positions

Chair Professor of Community Dentistry Faculty of Dental Sciences, University of Peradeniya, Sri Lanka	2022 to date
The Director Career Guidance Unit, University of Peradeniya, Sri Lanka	2022 to date
Member- Board of Study in Community Medicine, Post Graduate Institute of Medicine University of Colombo	2022 to date
Member- Board of Study in Dental Surgery Post Graduate Institute of Medicine University of Colombo	2022 to date

Member- Board of Study in Medical Administration 2022 to date  
Post Graduate Institute of Medicine University of Colombo

Member- Board of Study in Sports Medicine 2024 to date  
Post Graduate Institute of Medicine University of Colombo

Member Board of Study in Applied Medical Sciences 2023 to date  
at Post Graduate Institute of Medicine Sciences, University of Peradeniya

Member of the Board of Management of PGIM as the Faculty of Dental Science 2025  
Representative

Board Certified Specialist in Dental Public Health  
Post Graduate Institute Medicine University of Colombo Sri Lanka 2008 to date

Visiting Professor in Health Management and Health Finance  
Post Graduate Institute of Medicine, University of Colombo 2011 to date

Visiting Professor for the MSc in Nursing Faculty of Allied Sciences University of 2025  
Peradeniya

### **Previous Positions**

Visiting Professor for the MSc in Physiotherapy Faculty of Allied Sciences University of  
Peradeniya 2024

Head of the Human Resource Division  
Ministry of Health Sri Lanka 2017 to 2021

National Programme Manager  
School Dental Services in Sri Lanka 2015 to 2017

National Programme Manager  
Training and Development of Dental workforce in Sri Lanka 2012 to 2014

Consultant  
Health Economics Unit, Ministry of Health 2014 to 2017

Founder Head / Director  
Institute of Oral Health, Maharagama, Sri Lanka 2010 to 2012

Principal  
School for Dental Therapists, Maharagama, Sri Lanka 2010

Senior House officer in Oral Surgery  
Chesterfield Royal Hospital NHS Foundation Trust

Calow Chesterfield Derbyshire United Kingdom 2009-2010

Clinical Attaché

Royal Cornwall NHS Foundation Trust. Truro Cornwall, United Kingdom 2009

Program officer

Health Projects and Management & Development, Ministry of Health, Sri Lanka  
2000 to 2004

District Manager

Vanik Development Bank, Sri Lanka 1996 to 1998

Bank Executive

Sampath Bank, Sri Lanka 1988 to 1990

### National level Consultancies

1 Successfully conducted an Agreement for Performance of Work (APW) to World Health Organization SEARO office in 2021. Title of the APW was “Public Finance Management systems and its role in Health emergency and in the country’s goal for universal health coverage in Sri Lanka”.

2 Successfully conducted an Agreement for Performance of Work (APW) to World Health Organization Sri Lanka Country office in 2023. Title of the APW was “ Rapid assessment on health workforce (HWF) needs to implement proposed primary health care (PHC) service delivery reforms in the context of the unprecedented economic crisis in Sri Lanka”.

3 Successfully conducted ADB Short Term Consultancy -Support for Human Capital Development Initiate September 2023- March 2024

4 Successfully conducted a WHO Consultancy to update the NHWA for Sri Lanka and provide training to MOH officials, aligning with global efforts to strengthen health systems and address health workforce challenges amidst the evolving global landscape May- June 2024.

5 On-going Consultancy for World Bank through the Family Planning Association of Sri Lanka on Costing of the “Mithurupiyawa Services” in Sri Lanka Dec 2024-

<b>PhD in Healthcare Management</b> School of Management, University of Southampton, United Kingdom	2007 to 2010
<b>Doctor of Medicine (MD) in Community Dentistry</b> Post Graduate Institute of Medicine, University of Colombo	2007
<b>Master of Business Management (MBA)</b> University of Colombo	1998-2000
<b>Master of Science (M. Sc.) in Community Dentistry</b> Post Graduate Institute of Medicine, University of Colombo	1999
<b>Master of Surgery (Part I)</b> Post Graduate Institute of Medicine, University of Colombo	2004
<b>Bachelor of Dental Science. (B. D. S)</b> Faculty of Dental Sciences, University of Peradeniya	1990 to 1995
<b>S.Thomas' College Mount Lavinia (GCE OL and GCE AL)</b> Won 34 Academic Prizes, Represented School in Athletics & Hockey, House Captain, Senior School Prefect	1974 to 1987

## Professional Qualifications

Fellow of the Royal Society for Public Health ( FRSPH)-UK- 2022

Fellow of Dental Surgery, Royal College of Physicians and Surgeons of Glasgow (FDS RCPS-Glasgow)- 2020

Chartered Banker and Associate member of the Institute of Bankers of Sri Lanka- 1995

Cost and Management Accountant- 1989

Post Graduate Diploma in Human Resource Management- University of Sri Jayawardhanapure-1996

Post Graduate Diploma in Tele Medicine Management- Anna University, Tamil Nadu, India- 2004

Online training Course on Health Financing for Universal Health Coverage, conducted by WHO-September 2019

Advanced Course in Health Financing for Universal Health Coverage- WHO Head office, Geneva- Nov 2019

## Professional Involvements

Registrations            Sri Lanka Medical Council – Registration No: 1263  
                                  General Dental Council UK – Registration No 100941

Vice President Commonwealth Dental Association 2022 to 2024

Editor for Sri Lanka Dental Journal- 2017 to 2022 March

President of the Sri Lanka Dental Association (SLDA) 2014 & 2015

Vice President of the College of Community Dentistry 2015

Secretary of the College of Community Dentistry- 2000

### **In the Faculty of Dental Sciences since 2022**

Head – Division of Community Dentistry 2002 to date

Board Member – Centre of Oral Cancer Research- Faculty of Dental Sciences            2022 -2023

Course Coordinator for Statistics and Research Methodology of the BDS Programme , 2022 to date

Senior Treasurer – Faculty Student Union- Faculty of Dental Sciences University of Peradeniya 2023

Chairman- Higher Education and Post Graduate Degree Committee of the Faculty of Dental Sciences 2023 to date

Faculty representative to the Admission Committee of the University

## NATIONAL &

**National Apex award** under Health and Medicine category (awarded by the Organization of Professional Associations-OPA for professional excellence) Sri Lanka- 2013

**Merit Award for publications-** National Research Council of Sri Lanka 2015

**Australia Awards Fellowship-** Monash University 2017/18

**Goodeve Medal for the Best paper published in the Journal of the Operational Research Society (JORS) in 2015.** (J Oper Res Soc 66:1566-1577). Title of the paper “How many dentists

does Sri Lanka Need? Modelling to inform policy decisions” Awarded by the Operational Research Society.

The Goodeve Medal is awarded in recognition of the most outstanding contribution to the philosophy, theory or practice of Operational Research, published in the Journal of the OR Society (JORS) or Insight (ORI), within the relevant year.

**World Prize Finalist-** For the application of System Dynamics for Health Development in a developing country. Awarded by the International Federation of Operational Research Societies (IFORS) -2011

**Winner of The Asia Pacific Action Alliance** on Human Resources for Health (AAAH) award 2020

**Fellowship- For outstanding Young Professionals from the Commonwealth.** Invited for an audience with the Head of Commonwealth -Her Majesty the Queen Elizabeth II; Awarded by the Commonwealth Foundation- Commonwealth Secretariat UK.2001

**Fellowship- World Ship for the Youth-** Awarded by the Government of Japan. 1993 President of the Psychological Society, Department of Psychology, University of Peradeniya (2013- 2014)

## CONTRIBUTION TO

**Developing an innovative model for medical specialist cadre projections and training needs** for the Government of Sri Lanka in 2017. This model is used to determine the number of doctors to be trained as specialists in 56 specialties by the PGIM- University of Colombo.

- This is the first time, a scientific cadre projection for medical specialists was done for the country. This piece of work is greatly appreciated by the medical fraternity of Sri Lanka, and it is referred to as the bench mark literature, when deciding how many medical consultants are needed for Sri Lanka.

**Developing and successfully implementing an electronic recruitment scheme** to recruit Nursing, Professions Supplementary to Medicine and Para medical categories to the Ministry of Health Sri Lanka in 2018/19.

- Using the online result verification, applicants without basic educational qualifications were not allowed to apply. This reduced the work volume and increased the accuracy and transparency of the entire process. For the first time in the history of the Ministry, the online system also facilitated the fulfilling the vacancies in the 2nd round; created by non-

registrants during the 1st round. The on-line system helped to recruit 4000 for training within 3 months, giving a high yield. The online system enabled the Ministry to recruit trainees on a yearly basis. Continuation of the online system will help to reduce the shortage of para medical and nursing workforce in the country. This innovative work, won the prestigious Asia Pacific Action Alliance on Human Resources for Health (AAAH) Award in 2020.

**Developing a System Dynamic Model to address the issues related to the employment of Dental Surgeons in the state sector of Sri Lanka.** Before this model was introduced the newly graduating Dental Surgeons had to wait for nearly 3 years to obtain employment in the state sector. Awaiting time for government employment was reduced to 6 months, optimizing the utilization of highly trained Dental Graduates for improvement of Oral Health status of the Country.

Sri Lanka Dental Association annual oration- 2011

Britto Muthunayagam Oration- College of General Dental Practitioners of Sri Lanka 2011

Oration of the College of Dentistry and Stomatology of Sri Lanka 2015

Prof C.C De Silva Oration of the College of Pediatricians of Sri Lanka 2017. Delivered at the 6th Global Congress for Consensus in Pediatrics and Child Health held in Colombo.

Oration Sri Lanka Dental Association Eastern Branch March 2019

VC's distinguished Invited Oration ( held as part of 50<sup>th</sup> Anniversary Celebrations of University of Peradeniya ) May 2107

Prof Bambaradeniya Oration of the Sri Lanka Dental Association Kandy Branch Oct 2022

Dr D.K Saparamadu Oration of the College of Community Dentistry of Sri Lanka Feb 2023

VC's distinguished Invited Oration - University of Peradeniya Feb 2024

Kandy Society of Medicine (KSM) Oration Feb 2025

## BOOKS AUTHORED /

“One hundred years of Dentistry in Sri Lanka”. Dileep De Silva, Hilary Cooray, ISBN 978-955-4000-00-1.

Hand book for primary health care workers. ISBN 955-98231-0-8 Dileep De Silva

Improving retention of health workers in rural and remote areas: Case studies from WHO South-East Asia Region. ISBN 9789290227632 WHO South –East Asia 2020

Code of conduct for Health Research in Sri Lanka 2018. ISBN 978-955-3666-13-0

Reorganizing Primary Health care in Sri Lanka. Ministry of Health Sri Lanka 2017. ISBN 978-955-3666-10-9

Health Research Governance Strategy in Sri Lanka 2019. ISBN 978-955-3666-42-0

Health labour Market Analysis: Sri Lanka. Published by WHO and Ministry of Health Sri Lanka 2018. ISBN 978-955-3666-25-3

State of the world's nursing 2020: investing in education, ...<https://books.google.lk> > books

Sri Lanka Health system Review. Health Systems in transition. Vol 10 No 1. 2021

ISBN 978-92-9022-853-0

Chapter on Dentistry in book titled History of Medicine in Sri Lanka 1948-2018 ISBN 978-955-9386-43-8.

National Health Accounts Sri Lanka 2017 & 2018. Ministry of Health Sri Lanka 2022 ISBN 9786245719495.

National Health Accounts Sri Lanka 2014-2016 Ministry of Health, Sri Lanka 2019.

National Health Accounts Sri Lanka 2013. Ministry of Health, Sri Lanka 2015. ISBN:978-955-0505-76-0.

Health Financing Strategy for Sri Lanka.2018

COMMISSIONED

Commissioned report of the Cabinet appointed Committee on Establishing a Human Resources Coordinating Division in the Ministry of Health. Report submitted to the Cabinet of Ministers of Sri Lanka.

Report on Transforming Nursing Training Schools (NTS)- Presidential Task Force on Sri Lanka's Education Affairs 2020



## RESEARCH

### Journal articles

- 1 How many dentists does Sri Lanka need? Modelling to inform policy decisions. Dileep De Silva, Sally Brailsford. *Journal of the Operational Research Society* (2015) 1–12
- 2 Analysing public sector institutional capacity for health workforce governance in the South-East Asia region of WHO. Giorgio Cometto, Dileep De Silva et al. *Human Resources for Health* 2019 17:43 <https://human-resources-health.biomedcentral.com/articles/10.1186/s12960-019-0385-1>
- 3 How many Medical specialists do Ministry of Health- Sri Lanka need by 2025: Use of system dynamics modelling for policy decisions. De Silva MDK *Ceylon Medical Journal* 2017; 62:141- 148 DOI: <http://doi.org/10.4038/cmj.v62i3.8517>
- 4 How many doctors should we train for Sri Lanka? System dynamics modelling for training needs. De Silva D. *Ceylon Medical Journal* 2017. 62(4), pp.233–237. DOI: <http://doi.org/10.4038/cmj.v62i4.8573>
- 5 Mercury levels in hair samples of dentists: A comparative study in Sri Lanka De Silva, Dileep, Ekanayake, Sagarika, Gamage, Nandasena, Jayasinghe, Ruwan, Gamage, Sachindra, Usoof, Rinzee, Wijesekera, Anjana *Journal of Investigative and Clinical Dentistry* 2017; e12302.1 DOI: 10.1111/jicd.12302 13.
- 6 Estimation of provider cost and the out-of-pocket expenditure for cataract surgery at a base hospital. C Perera, D De Silva, L.R.P Perera. *Ceylon Medical Journal* 2016; 61(4):200 <http://doi.org/10.4038/cmj.v61i4.8395>
- 7 Awareness on risk of cross-infection and infection control measures among patients attending University Dental Hospital, Peradeniya, Sri Lanka Ratnayake Dugganna Ralalage; Medawela, Rajapakse Mudiyansele Sumudu Himesha; Jayasinghe, Ruwan; Sitheequ, Mohideen Abdul Cadar ; Jayatilaka, Sumeda; De Silva, Dileep. *Journal of Investigative and Clinical Dentistry* 2017; e12268. DOI: 10.1111/jicd.12268 14.
- 8 Improving recruitment process for nurses, professions supplementary to medicine and paramedical staff. Pamila Adikari , Dileep De Silva et al, *Journal of Health Technology Assessment in Midwifery* Vol. 3, No. 2, November 2020, pp. 94-98 . ISSN 2620-8423 (print) | 2620-5653 (online)
- 9 Cost Estimation of the New HPV/DNA Test Screening Procedure Per Person among 35 Years Old Ever-Married Women in a District of Sri Lanka. Perera KCM, Abeysena HTCS, Mapitigama N, De Silva D (2021), *J Health Commun* Vol.6 No.4:12.
- 10 Cost-Effectiveness of Peer-Educator–Delivered Lifestyle Modification for Type 2 Diabetes Prevention in a Young Healthy Population in Sri Lanka: A Trial-Based Economic Evaluation and Economic Modelmaker Wijesuriya & • Janaka Karalliedde • James Shearer, • Miral Kalyani, • Anastasios Mangelis, • Dileep de Silva, • Padmal de Silva. *Pharmacoeconomics – Open* (2021)

- 11 Survey on finance cost of COVID- 19 on Dentistry.RM Jayasinghe, R D: Jayasinghe, MDK De Silva..Journal of Multidisciplinary Dental Research 6 (2), 63-68
- 12 Assessment of the distribution of material and child health clinics and development of a human resource plan for public health midwives of Northern province of Sri Lanka. S.C Wickramasinghe D De Silva, S.W.A.D.A Wickramasinghe, M.A.S.C Samarakoon,M.K.S.I Kumara, D.A.W Wanigasuriya. The Sri Lanka Journal of Medical Administration. Vol 7 Issue 11 September 2105
- 13 An update on the human resources of Ministry of Health, Nutrition & Indigenous Medicine, Sri Lanka. De Silva, D., Journal of the College of Community Physicians of Sri Lanka, 24(4), 2019 pp.170–173. DOI: <http://doi.org/10.4038/jccpsl.v24i4.8170>.
- 14 Burden of work and workload indicator –based staffing needs of public health midwives in the primary health care system in Sri Lanka. M D K De Silva, N I Talagala, P Karthikeyan, M.S Rubasinghe. Journal of College of Community Physicians of Sri Lanka (JCCPSL) 2020,26(3)
- 15 Assessment of Workforce- Dental Laboratory Technicians in the Department of Health Sri Lanka. Dileep De Silva Sri Lanka Dental Journal. Vol 42. No: 01-02 April/August 2012. ISSN:1391-07280
- 16 The distribution of private sector dental practitioners and clinics in Sri Lanka. Dileep De Silva , A N I Ekanayaka , Sally Brailsford. Sri Lanka Dental Journal. Vol 40. No: 01August 2010. ISSN:1391-07280
- 17 Unqualified dental practitioners or Quacks in Sri Lanka. Dileep De Silva, N.T Gamage Sri Lanka Dental Journal Vol 41 (03) Dec2011
- 18 Comparative cost analysis of the Emergency Treatment units of National Hospital of Sri Lanka and Teaching Hospital Kalubowila. R.M.S.S Ratnayake. Dileep De Silva The Sri Lanka Journal of Medical Administration. Vol 18 Issue 1 February 2016
- 19 Diet Cost of Patients in Teaching Hospital Kalubowila. Rathnayake, R.M.S.S., De Silva, Dileep Anuradhapura Medical Journal. 10(1), pp.1–5. 2016 DOI: <http://doi.org/10.4038/amj.v10i1.7596>
- 20 Cost of establishing specialist Oral & Maxillofacial Services in a District Hospital in Sri Lanka. Dileep De Silva, M.S Rubasinghe ,K.I Samaranayaka. The Journal of the College of General Dental Practitioners of Sri Lanka .Vol 31: 2014 (ISSN 1391- 0981)
- 21 Origin of a Nationwide Institution for Oral Health: an innovative model for capacity building of oral health personnel in public & private sectors in Sri Lanka. Dileep De Silva, Irosha Perera The Journal of the College of General Dental Practitioners of Sri Lanka. Vol. 28 Feb 2011. ISSN 1391-0981
- 22 Capacity Building of Dental Surgery Assistants who work at Private Dental Clinics by In Service Training. Dileep De Silva , Irosha Perera The Journal of the College of General Dental Practitioners of Sri Lanka. Vol. 29 Feb 2012. ISSN 1391-0981.
- 23 Dentists where are we? 24th Britto Muthunayagam Oration. Dileep De Silva The Journal of the College of General Dental Practitioners of Sri Lanka. Vol 29.Feb 2012. ISSN 1391- 0981
- 24 Know your Mercury. Dileep De Silva, N.T Gamage the Journal of the College of General Dental Practitioners of Sri Lanka. Vol. 30 Feb 2013. ISSN 1391-0981

- 25 Sri Lanka does not train enough Dental laboratory technicians to match the output of Dental Specialists in the Country. MDK De Silva Sri Lanka Dental Journal. Vol 48. No: 01 April 2018. ISSN:1391-07280
- 26 School Dental Services in Sri Lanka Dileep De Silva, H.H. Manori Dhanapriyanka, Shanika Muthuthanthri, Thushani Wijesiri, Suraj Colambathanthri Sri Lanka Dental Journal 2018; 48(03) 107-114
- 27 Assessment of school dental clinic assistants' profile and training needs. Shanika Mututanthri, Dileep De Silva, Sumanglie Perera, Suraj Colombathanthri, Legamohan Neranjana.. Sri Lanka Dental Journal. Vol 49. Number 3 Dec 2019. 98-102
- 28 Continuing Maternal and Child Health (MCH) services during COVID-19 activities, challenges and the lessons learnt. .Chithramalee de Silva, Dileep De Silva et al. Journal of College of Community Physicians of Sri Lanka (JCCPSL) 2020, 26 (Special Edition on COVID-19).
- 29 Sri Lanka needs more Public Health Midwives. M.D. K De Silva, N.Thalagala, P Karthikeyan, M.S Rubasinghe. Sri Lanka Journal of Medical Administration Vol 21, Oct 2020. ISSN 1391-2909
- 30 Annual recurrent training cost for a nursing student in Nurses Training School of Colombo. G.S.P Ranasinghe, M.D.K De Silva, A.K.S.B De Alwis, P.V.D.S Dharmagunawardene. Sri Lanka Journal of Medical Administration Vol 21, Oct 2020. ISSN 1391-2909
- 31 Dental Specialists sans Specialists in General Dental Practice in Sri Lanka..Dileep De Silva The Journal of the College of General Dental Practitioners of Sri Lanka. Vol. 32 Feb 2015. ISSN 1391-0981
- 32 Patient profile, indications, complications and Evaluation of Septoplasty outcome in a Base hospital in Sri Lanka. Rubasinghe M.S, De Silva M D K, Wanasinghe W.M.S.C.L, De Livera R.J.K, Wimalaratna T.P.S.K.Ceylon Journal of Otolaryngology. Dec2016.Vol 5 Issue1. ISSN :2012-855x
- 33 Medical Negligence in Dentistry in contemporary Sri Lanka. N T Gamage, Dileep De Silva, N Kasthurirathna.. The Journal of the College of General Dental Practitioners of Sri Lanka. Vol. 30 Feb 2013. ISSN 1391-0981
- 34 A tracer study of dental surgeons with MSc (Community Dentistry) qualification offered by the Post Graduate Institute of Medicine, Sri Lanka Krishna Thilakarathne, Dileep de Silva, Lilani Ekanayake. Sri Lanka Dental Journal April 2021; 51(01) 14-22
- 35 Transformation of Management Information System in School Dental Services in Sri Lanka Dileep De Silva, S.R. Weerasuriya, S.A.D.N. Amarasena, S.A. Muthuthanthri, H.G.T.I.D. Wijesiri, D.S.C. Colombathanthri. Sri Lanka Dental Journal Dec 2021; 51(03) 89-93
- 36 Costing of Haemodialysis and Continuous Ambulatory Peritoneal Dialysis Procedures Performed at National Institute of Nephrology, Dialysis & Transplantation, Sri Lanka L.I Malasekera , Dileep De Silva. December 2021 Sri Lankan Journal of Medical of Medical Administration 22(1)76
- 37 Human Resources of Health in Sri Lanka. An overview of key areas. Dileep De Silva, Nilanthi De Silva. National Human Resource Development Council of Sri Lanka, Human Capital insights - Newsletter. Vol 8/ e version. Oct 2021

38 Economics aspects of Health care provision in the current financial crisis. Dileep De Silva SLMA, Newsletter APRIL 2022 | VOLUME 15 | ISSUE 04 ISSN: 1800 – 4016 (PRINTED) 2550 - 2778 (ONLINE)

39 Revolutionizing access to dental care in Sri Lanka.

<https://www.southampton.ac.uk/research/highlights/revolutionising-access-to-dental-care-in-sri-lanka>

40 Cost study of three selected laboratory investigations at different levels of healthcare institutions in Western Province, Sri Lanka Perera HMP, De Silva D, Karunarathna PGPS Journal of College of Medical Administrators of Sri Lanka Volume 23, Issue I November 2022

41 Novelty in the sphere of health human resources in Sri Lanka. Dileep De Silva , Sunil De Alwis, Sri Lanka Journal of Health Research 2021:1(1):36-37

<https://sljhr.sljol.info/articles/abstract/10.4038/sljhr.v1i1.32/>

42 State of the world's nursing 2020: investing in education, jobs and leadership. WHO 2020. ISBN 9789240003279. <https://www.who.int/publications/i/item/9789240003279>

43 Overseas Medical Treatment of Sri Lankan Medical Travelers. PS Adikari, Dileep De Silva, S De Alwis Recent Adv Biol Med 7 (1), 21356 Feb 2021

44 Economics aspects of Health care provision in the current financial crisis. Dileep De Silva SLMA, Newsletter APRIL 2022 | VOLUME 15 | ISSUE 04 ISSN: 1800 – 4016 (PRINTED) 2550 - 2778 (ONLINE)

45 An update on current economic crisis and Health Sector [SLMA Newsletter March 2023.pdf](#) [https://issuu.com/slmanews/docs/newsletter\\_2023\\_april\\_03\\_2023](https://issuu.com/slmanews/docs/newsletter_2023_april_03_2023). ISSN : 1800 - 4016 (PRINTED) 2550 - 2778 (ONLINE)

46 Human resources for health in Sri Lanka over the post-independence period: key issues Dileep De Silva , Madawa Chandrathilake, Nilanthi de Silva. Ceylon Medical Journal 2023; 68: si 34-38. DOI: <http://doi.org/10.4038/cmj.v68iSI1.9733>

47 Perspective : Challenges Faced in Dental Care Delivery Amid Financial Crisis in Sri Lanka: An Evidence-Based Analysis from the Perspective of Health Professionals Yovanthi Anurangi Jayasinghe , Shalindu Malshan Jayawickrama , Sakuntha Ratnapreya , Rasika Manori Jayasinghe , Dileep De Silva and Ruwan Duminda Jayasinghe . Businesses 2023, 3, 524–533. <https://doi.org/10.3390/businesses3040032> . <https://www.mdpi.com/journal/businesses>

48 Feminization of Sri Lankan Doctors and Key Specialties: 2000 to 2020. Dileep De Silva Pamila Adikari , Mihiri S. Rubasinghe , Udeni . Seneviratne. JOURNAL OF INDONESIAN HEALTH POLICY AND ADMINISTRATION DOI: 10.7454/ihpa.v8i3.6604 September 2023, Vol. 8, No. 3, Page 89-98

49 Changing gender dynamics of dentist workforce in Sri Lanka. CDA Bulletin. Volume 4 Number 3 September – December 2023. Commonwealth Dental Association <http://comdental.org> 50 Dental health market characteristics and the number of dentists a country should train. Volume 5 Number 1 January – April 2024. Commonwealth Dental Association <http://comdental.org>

51. Economic Crisis, the way forward and the health sector in Sri Lanka. SLMA Newsletter APRIL 2024 | VOLUME 04 | ISSUE 04 ISSN : 1800 - 4016 (PRINTED) 2550 - 2778 (ONLINE). <https://slma.lk/newsletter/>

52 Update on critical issues faced by the health sector in Sri Lanka. December 2023 Dileep De Silva, Sunil De Alwis Sri Lanka Journal of Health Research 2(1)  
,DOI: [10.4038/sljhr.v2i1.47](https://doi.org/10.4038/sljhr.v2i1.47)

53. Evolution of dental workforce training, deployment, and feminisation tendency in Sri Lanka. Dileep De Silva, D Suchinthana, S Lankathilaka, W Pinnaduwa Sri Lanka Dental Journal 2024; 54(01) 01-10

54. Time and out-of-pocket expenses incurred by patients seeking treatment from undergraduate dental students at the Dental Teaching Hospital, Peradeniya, Sri Lanka. Dileep De Silva, T Naveenan, HF Nufla, S Niroshan. Sri Lanka Dental Journal 2024; 54(01) 20-23

55 Dental Market characteristics and dental workforce needs

Journal of College of General Dental Practitioners- Vol 39,40 &41 May 2024 ISSN 1391-0981

56. Insights Into Antimicrobial Resistance From Dental Students in the Asia-Pacific Region. Saba Ghafoor, Gabriela Salvadori, Shiho Kino, Vy Thi Nhat Nguyen, Tam Thi-Thanh Nguyen, Miho Ishimaru, Antônio Pedro Ricomini-Filho, Cassiano Kuchenbecker Rösing, **Dileep De Silva**, Jun Aida, Belinda Farias Nicolau, Ratilal Lalloo, Roger Junges

Online ahead of print.

57 Cracking the Code: What Drives Dental Students to Specialize? Unveiling the Impact of Final Year Performance, Gender, and Geography D. De Silva, S. Ratnapreya, I. Perera, W.

B. M. C. R. D. Weerasekera, D. Ratnayake. **South-East Asian Journal of Medical**

**Education. 2024 ,Volume: 18 Issue: 2 ,Page/Article: 18-27,**

**[DOI: 10.4038/seajme.v18i2.616](https://doi.org/10.4038/seajme.v18i2.616)**

58 "Mapping Tobacco Use Cessation Counselling Awareness in Dental Offices: A Cross-Country Survey" has the objective to assess the awareness and associated factors regarding Tobacco Use Cessation Counselling (TUCC) among dental professionals in Sri Lanka, Brazil, and Queensland, Australia. Manuscript accepted for publication In BMC Oral Health

### **Oral Presentations with Full papers published as conference proceedings:**

1 Modelling the Dental Workforce in Sri Lanka. ..Dileep De Silva, Sally Brailsford. Proceedings of the Operational Research Society (SW14) 8th Simulation Workshop Worcestershire UJK. 1-2 April 2014. Modelling Dental Workforce in Sri Lanka

2 General Dental Practice in Sri Lanka. Dileep De Silva. College of General Dental Practitioners of Sri Lanka 32nd Annual Scientific Sessions. Conference publication.2015

### **Oral Presentations with abstracts**

1. Operational Research in dental workforce Planning. Dileep De Silva, S.Brailsford , P Harper. Operational

Research Applied to Health Sciences (ORAHS) Conference. July 2009. Leuven Belgium

2. Using System Dynamics to address dental workforce issues in Sri Lanka: a practical approach in a developing country. Dileep De Silva 19th Triennial Conference of the International Federation of Operational Research Societies 10-15 July 2011 Melbourne Australia.

3. Modelling Dental workforce in Sri Lanka- Dileep De Silva, Sally Brailsford. European Conference on Operational Research. July 2012, Vilnius Lithuania

4. Supply dynamics in private sector dental care provision in Sri Lanka MDK De Silva, A.N.I Ekanayake. 32nd Asia Pacific Dental Congress. Colombo Sri Lanka. 12-16th May 2010.

5. General Dental Practice in Sri Lanka. Dileep De Silva. 4th International Dental Congress & Annual Scientific Sessions. Colombo Sri Lanka.

6. Modelling Health Systems in ending preventable maternal and perinatal deaths.Dileep De Silva. Perinatal Society of Sri Lanka. Annual Academic Sessions 2017

7. Symposium on Education for Practice. Dileep De Silva, J A P Jayasinghe, G Ponnampereuma Sri Lanka Dental Association Annual Scientific Sessions 2016 and FDI Global Continuing Education Programme . Colombo Sri Lanka

8. Profile of the future dental specialists in Sri Lanka Dileep De Silva, Shanika Mututanthri, Geethani Kandaudahewa, M.SRubasinghe, Harsha Jayasundara. FDI/CDA/SLDA Joint International Conference and 80th Anniversary Annual Scientific Sessions of SLDA. June 2013

9. Modelling Supply and Demand for Dental Care in Sri Lanka. Dileep De Silva, Sally Brailsford Institute for Operational Research and Management Sciences (INFORMS HEALTH CARE) June 2013 Chicago USA

10.Modelling the dental workforce in Sri Lanka. Dileep De Silva, Sally Brailsford 7th Simulation Worksop – The biennial OR Society simulation workshop held in cooperation with the INFORMS Simulation Society and the Society for Modelling and Simulation International (SCS) . 1-2 April 2014 Worcestershire UK

11.How many dentists will Sri Lanka need? Dileep De Silva, Sally Brailsford. Conference of Operational Research Societies (CORS) Toronto Canada May 2014.

12.Modelling for Oral Health human resources. Dileep De Silva. 4th Annual LASS Graduate School Conference 2008-University of Southampton.

13.Body mercury level in dentists in Sri Lanka and its adverse health effects. Dileep De Silva, N.T Gamage, S Ekanayake R Jayasinghe. Sri Lanka Dental Association Annual Scientific Sessions 2015and FDI Global Continuing Education Programme 27th & 28th June2015

14.School dental service providers- School dental therapists of Sri Lanka. MDK De Silva, K Kuganandamurthy, C.C Senanayake, N.T Gamage, R.M.S.P Rajapaksha . DI/CDA/SLDA Joint International Conference and 80th Anniversary Annual Scientific Sessions of SLDA. June 2013

15.Modelling for oral health human resources: A Sri Lankan experience. Dileep DE Silva, Sally Brailford, P Harper 34th Annual ORAHS conference. July28- August 1, 2008. Toronto Canada.

16.Profile of Board-certified dental specialists/consultants working in Sri Lanka Dileep De Silva, L Ekanayake, Geethani Kandaudahewa, Harsha Jayasundara. SLDA Annual sessions 2014 and FDI Global Continuing Education Programme 28-29 June 2014. Colombo Sri Lanka

17.A Case report of Wegener’s Granulomatosis, with Oral manifestation as initial complaint. MDK De Silva, AMO Peiris E A P D Amaratunga. 74th SLDA Annual Scientific Sessions 24-25th June 2006. Colombo Sri Lanka

18. Newly qualified dentists and Government employment in Sri Lanka. M.A.M. S Amarasekera, MDK De Silva, H S S Peiris, S.M.I Menike, W.P.N Wijeweera, K.D Chandrani. SLDA Annual Scientific Sessions 2016 and FDI global continuing education Programme 25 -26th June 2016

19. A remedy from System Dynamics Modelling for Dental Laboratory Technician Workforce Planning DLT at health research symposium Dileep De Silva., Talagala N.I, Senanayake S D P S , Gamage N.T. National Health Research Symposium 2017

20. Study of socio economic and educational profile of minor staff recruited to government hospitals since January 2010. N.S.A.R Cooray, M.D.K De Silva. L Kumarasinghe. U.D Piyadigama K.L.A Kalyani Kirithi- Kumari. Sri Lanka Dental Association Annual Scientific Sessions 2015 and FDI Global Continuing Education Programme

21. Cost Estimation of the new HPV/DNA Test Screening procedure among 35 year old, ever married women in Kalutara District C Perera, N. Mapitigama, C Abeysena, D De Silva. National Health Research symposium Oct 2019

22. Unemployed Dentists in Sri Lanka Dileep De Silva. SLDA Annual Scientific Sessions 2000

23. Health and Economics. Dileep De Silva. SLDA Regional Scientific Sessions- Eastern Branch, April 2014

24. Symposium on 'Dental Management of the Elderly' SLDA Regional Scientific Sessions- Southern Branch. January 2022

25. Feminization of Medical and Dental Workforce. Annual Academic Sessions of the College of Community Dentistry Sri Lanka 2023

26. Feminization of Medical workforce . iPurse 2023, University of Peradeniya

27. Perceived barriers for seeking oral health care during present economic crisis among a group of patients attending dental clinics in Kandy district . iPurse 2023, University of Peradeniya

28. Policy aspects of Health workforce feminization- National Health Research Symposium Ministry of

Health 2023

### **Poster Presentations**

1. Shortage of Public Health Midwives in Sri Lanka. MDK De Silva, N.I Thalagala, P Karthikeyan, M.S Rubasinghe. SLMA 133rd Anniversary International Medical Congress 24-26th July 2020- Colombo Sri Lanka

2. LASS 2010 Conference "Research Directions in the 21st Century". Poster Presentation on Dental Manpower planning Dileep De Silva. 28th April 2010 University of Southampton UK

3. Assessment of School Dental clinic assistant's profile and training needs. D De Silva, S. Mututanthri S. Colambathanthri , S Perera, N Jegamohan Poster Presentation. National Health Research Symposium 2019

### **Editorials**

1. 20 years at the New Faculty of Dental Sciences University of Peradeniya Sri Lanka Editorial –SLDJ Vol 48 (01) April 2018. Dileep De Silva. Shyama Banneheka

2. Finding a solution to the acute shortage of dental laboratory technicians in the Government sector of Sri Lanka. Editorial- SLDJ Vol 48 (02) August 2018. Dileep De Silva. Shyama Banneheka
3. Compulsory Internship for dental surgeons in Sri Lanka Editorial- SLDJ Vol 48(03). December 2018. Dileep De Silva. Shyama Banneheka
4. Rising out of pocket health expenditure in Sri Lanka and the role of the Dental Profession. Editorial SLDJ Vol 49 (01) April 2019. Dileep De Silva. Shyama Banneheka
5. Professional Dental Associations in Sri Lanka.. Editorial SLDJ Vol 49(02) August 2019. Dileep De Silva. Shyama Banneheka
6. Feminization of Dental workforce in Sri Lanka. Editorial SLDJ Vol 49 (03) December 2019. Dileep De Silva. Shyama Banneheka
7. COVID's Economic impact and Dentistry- Sri Lankan perspective. Editorial SLDJ Vol 50 (01) April 2020. Dileep De Silva. Shyama Banneheka
8. Effect on COVID-19 on Dental Education. Editorial SLDJ Vol 50 (02) August 2020. Dileep De Silva. Shyama Banneheka
9. Food for thought- 2nd Dental School in Sri Lanka. Editorial SLDJ Vol 50 (03) December 2020. Dileep De Silva. Shyama Banneheka
10. Dental Health and Toothpaste. Editorial SLDJ Vol 51 (01) April 2020. Dileep De Silva. Shyama Banneheka
11. Human resources for health in Sri Lanka. Editorial SLDJ Vol 51 (02) August 2020. Dileep De Silva. Shyama Banneheka
12. Aging population and dental care in Sri Lanka. Editorial SLDJ Vol 51 (03) December 2020. Dileep De Silva. Shyama Banneheka

### **Scientific and Literary Communications**

- 1) "Dentistry in Sri Lanka". Government Dental Surgeons Association.60th Anniversary Celebrations May 2014
- 2) Newspaper article: [http://life.dailymirror.lk/article/68/content\\_marketing/15047/Your-childrens-first-visit-to-the-dentist](http://life.dailymirror.lk/article/68/content_marketing/15047/Your-childrens-first-visit-to-the-dentist) On General Dentistry. 18/3/2016
- 3) Neth FM Radio Discussion – on HR Development of the Health Sector 16.01.2018
- 4) The College of Medical Educationists – Public awareness programme /Panel discussion on "How many doctors do we need for Sri Lanka?" 4/04/2017 at the Faculty of Medicine, University of Colombo. (Medicos.lk)
- 5) Developed flash cards and flip charts for Public Health Midwives to use in Oral Health education for pregnant women, Family Health Bureau 2018
- 6) E learning Materials developed and published for Dental Health staff (Dental Surgeons, Nurses, School Dental Therapists) 2020/2021
- 7) Address to GCE Advanced Level Bio Science Students of Vishaka Vidiyalaya Colombo 5 on career path in Dentistry January 2021
- 8)Newspaper Articles- Sunday Times 4/09/2022

Urgent need to stagger retirement age for medical specialists to prevent collapse of state hospital system

<https://www.sundaytimes.lk/220904/news/urgent-need-to-stagger-retirement-age-for-medical-specialists-to-prevent-collapse-of-state-hospital-system-494188.html>

- 9)Magazine Article after interviewing. Sri Lanka's exodus of healthcare workers



<https://www.himalmag.com/comment/sri-lanka-healthcare-governance-workers-migration-economic-crisis> by Inosha Alwis

10) Sunday Morning 5/08/2023 Brain Drain Strains Govt Resources

Available at <https://www.themorning.lk/articles/kPVB4gyEUVnWiyAgwFV7>

11) Sunday Times 11<sup>th</sup> June 2023

How Pera Uni's Dental Faculty & Hospital cut its teeth and went on to make great strides

Available at <https://www.sundaytimes.lk/230611/news/how-pera-unis-dental-faculty-hospital-cut-its-teeth-and-went-on-to-make-great-strides-522398.html>

12) Sunday Times 9<sup>th</sup> July 2023

Experts call for urgent steps to save sinking state health sector ship

Available at <https://www.sundaytimes.lk/230709/news/experts-call-for-urgent-steps-to-save-sinking-state-health-sector-ship-524881.html>

## OVERSEAS WORKSHOPS /

- Annual Conference of the International Federation of Operational Research Societies (IFORS) - July 2011 in Australia
- Asia Pacific Dental Congress in June 2014 in UAE
- Asia Pacific Dental Congress in May 2015 in Singapore
- Commonwealth Dental Association Conference June 2015 in UK
- National Health Accounts (NHA) Expert meeting in February 2016 in China
- National Health Accounts (NHA) Expert OECD meeting in June 2016 in South Korea
- Health Human resource observation tour to the Ministry of Health in Malaysia in December 2016
- National Health Accounts workshop in March 2017 in Geneva Switzerland
- Health Human Resource workshop/conference in September in Delhi India
- Australian Fellowship – University of Melbourne Oct/Nov 2017
- AAAH HR Conference in November 2018 in Thailand
- National Health Accounts (NHA) Expert OECD meeting in March 2019 in South Korea
- World Health Assembly in May 2019 in Geneva Switzerland
- Tobacco Taxation workshop in November 2019 Johannesburg South Africa
- Advanced Health Finance Course in November 2019 Geneva Switzerland
- Member of Sri Lanka Delegation to the 72nd Session of the World Health Assembly and 145th Session of the Executive Board of the World Health Organization (WHO) May 2019

## INVOLVEMENT AS A GUEST LECTURER &

- 1 Scientific HR planning for medical specialists, with special emphasis on surgical discipline. Dileep De Silva. 47th Annual academic sessions of the College of Surgeons of Sri Lanka and Joint International Conference with The Royal College of Surgeons of Edinburgh and the SAARC Surgical Care Society- 15-18 August 2018
- 2 Investing in nutrition: enhancing allocative efficiency of nutrition resources. Dileep De Silva. Annual Scientific Sessions 2018. The Nutrition Society of Sri Lanka. Colombo Sri Lanka.
- 3 Health care Economics Dileep De Silva. 27th Annual Scientific Sessions of the College of Dentistry and Stomatology 22-23 March 2014
- 4 Financial Management. Dileep De Silva. Batticaloa Medical Association Annual Scientific Sessions Aug 6-8 2015
- 5 Health Human Resource in Sri Lankan Context. 25th Annual Scientific Sessions of Jaffna Science Association- 9 May 2018
6. Symposium – Towards universal health and sustainable development goals- Health Financing for SDGs. Dileep De Silva. Global challenges in achieving SDGs.- Dr Razia Pendse, Sri Lankan perspectives on march towards universal health- Dr Sussie Perera. Perinatal Society of Sri Lanka 18th Annual Scientific Congress 2019
- 7 Symposium on Globalizing the paradox of Sri Lanka's Health Achievements- Reducing Maternal Mortality. Not only Health: Contribution of the other sectors in reducing Maternal mortality: Dileep De Silva. Commonwealth Medical Association, Sri Lanka Oct 2016. <http://dhc1.cwcdh.org/index.php/conference/speakers>
- 8 Inaugural Colombo Conference on Medical Education. Human Resources for Health Panel Discussion. Dileep De Silva. D Dharmagunewardene, Indika Karunathilake. Colombo Sri Lanka. Nov 2017
9. Overview of Human Resources for Health in Sri Lanka and specific challenges for UHC/PHC strengthening. Dileep De Silva. Conference on Primary Health Care Strengthening towards effective universal Health coverage. WHO, The Global Fund & The World Bank Colombo Sri Lanka 15-16 October 2018
- 10 Money and Health Dileep De Silva. Sri Lanka Dental Association Regional Scientific Sessions – Southern Branch. 30-31 August 2014 Hikkaduwa Sri Lanka
- 11 Health Human Resources. Dileep De Silva, Sri Lanka Dental Association. Regional Sessions- Eastern Branch. 25-26 April 2015
12. Guest Lecture/Speech- 30th Anniversary Celebrations Faculty of Dental Sciences University of Peradeniya Nov 2016
13. Transition to SHA 2011- Country Presentation. Dileep De Silva. Technical Workshop and 12th Asia –Pacific Health Accounts Experts Meeting. Seoul. Korea 2016
14. Invitation as a Speaker/ Resource - Conference on Primary Health Care towards effective Universal Health Coverage. 15-16th October 2018, Colombo Sri Lanka
- 15 Health care Financing. IV Annual Joint Academic Sessions 2014. Organized by the Clinical Society of Base Hospital Wathupitiwata in collaboration with Sri Lanka Medical Association. 6 September 2014
- 16 Guest Lecture- Economics of Health Provision. Dileep De Silva. Avissawella Clinical Society – Annual Joint Clinical Sessions with Sri Lanka Medical Association. 14 Dec 2013
- 17 Guest lecture- Human Resources for health. Annual Sessions 2014 of Avissawella, Clinical Society held in collaboration with Sri Lanka Medical Association.

- 18 Invited Lecture- Resource - Discussion on Cadre modification – for Staff of Kalutara Regional Directorate, of Health Services 28/08/2019
- 19 Invited lecture- for staff of Anti Malaria Campaign – Personal Financial: Loans, Leasing & Credit Cards 19/07/2019 Colombo
- 20 Invited Speaker-on Health Human resources: National Consultative workshop on accelerating journey towards ending TB& AIDS in Sri Lanka 15-16 Oct 2018 Colombo Sri Lanka
- 21 Invited lecture- “ Human Resources for Health : The need for training of doctors” For the Academic Staff of the Faculty of Medicine University of Colombo. 13 March 2017
- 22 Invited lecture : Head of Institutions’ role in Financial Management- for staff of Regional Directorate of Health Services , Kalutara 26th January 2018
- 23 Invited lecture- “Economic Factors related to the Health System Development in Sri Lanka” The Organization of Professional Associations of Sri Lanka (OPA) 5 September 2016
- 24 Guest Lecturer -Clinical Society District Base Hospital Wathupitiwela - Annual Clinical Sessions Nov 18th 2017
- 25 Invited lecture- Medical Manpower requirements in Sri Lanka. Faculty Board of Medicine and allied Sciences – Rajarata University 16/10/2017
- 26 Invited lecture- Financial Literacy Capacity Buliding programme for Dental surgeons of National Dental Hospital Sri Lanka 4/10/2017
- 27 Invited lecture- Planning for Human Resources for Mental Health Services- Training workshop in preparation of National Mental Health Plan 2018. 29th Sep 2017
- 28 Invited Presentation to Sri Lanka Medical Council – Human Resources in the Health Sector. 29/09/2017
- 29 Invited lecture- “Economic concepts in Dental Health”. Ceremony to grant new appointments to Dental surgeons 01/11/2016
- 30 Invited lecture- “Money matters” Joint workshop of College of Community Physicians of Sri Lanka and College of Community Dentistry of Sri Lanka 30/07/2015
- 31 Invited lecture- for the staff of the Regional Directorate of Health Services Kalutara - Managing yourself in 21st Century
- 32 Presentation to Deans of the Medical Faculties on “How many doctors should be trained” at PGIM 12/08/2017
- 33 International Congress on Oral Cancer, smokeless Tobacco and Arecanut- Contributor to the Working Group Discussion. Dileep De Silva. August 2014
- 34 International Congress on Oral Cancer, smokeless Tobacco and Arecanut- Contributor to the Panel Discussion on developing policies for control of smokeless Tobacco and Arecanut, way forward for Sri Lanka. Dileep De Silva. August 2014
- 35 Annual scientific Sessions of the Clinical Society Base Hospital, Wathupitiwela 2013
- 36 Clinical Society Meeting Base Hospital Gampaha 2015
- 37 College of Psychiatrics Post Graduate Day 2017
- 38 Perinatal Society Training Programme in Gampaha 2017
- 39 Mental Health Day celebration of the Ministry of Health. Water’s Edge Battaramulla 2017
- 40 Career Guidance Seminar for Junior Doctors Conducted by the Sri Lanka Medical Association 2019 and 2020
- 41 Continuing Medical Education (CME) of the College of Otorhinolaryngologists and Head & Neck Surgeons. 2020

- 42 Workshop on Basic Sciences Courses for stakeholders. Faculty of Dental Sciences University of Peradeniya. 23 Nov 2017.
- 43 Career guidance programme for the Final year Dental Students at the Faculty of Dental Sciences of Peradeniya for 10 years ( 2008-2019)
- 44 Continuing Professional Education Programme of the Sri Lanka Dental Association 18th Oct 2017
- 45 Workshop on “How to plan your foreign training”. College of Dentistry and Stomatology of Sri Lanka 3 Sep 2016
- 46 Dental Surgeons attached to Dental (Teaching) Hospital Peradeniya -08/10/2019
- 47 Training on Management of Community Health for Medical officers 13-14th May 2019 Colombo on Oral Health
- 48 Annual Regional Supervising Public Health Nursing Officer (RSPHNO) workshop Colombo 04/09/2019
- 49 Capacity Building in Middle Level and District Level Managers on Reproductive Maternal New-born Child Adolescent Youth Health (RMNCAYH) Programme 8-10th April 2019 Hotel Heritage Anuradhapura
- 50 Annual Review Workshop for Survey Statistical Officers/Planning & Programme Assistants 1-3rd Oct 2018- Health Financing in Sri Lanka
- 51 Workshop on Basic Health Economics for consultant Community Physicians, Medical officers involved planning and Administration and Accountants- Ministry of Health.28th March- 01 April 2016
- 52 Certificate Course on “Basics in Health Management” for Post-Intern Medical Officers - 2018 – College of Medical Administrators of Sri Lanka
- 53 Capacity building programme for the regional level oral health care managers conducted by the Ministry of Health in collaboration with College of Community Dentistry July 2018
- 54 Orientation on Family Health Programme for PG trainees of Diploma in Child Health 17/7/2019.
- 55- 98. **43 workshops** for Oral/Dental Health Staff throughout the country, conducted between 2011 and 2014, by the Ministry of Health
- 99 Resource Person for Health Economics Faculty of Medicine, Sabaragamuwa University, 2022
- 100 Guest Lecture- Yesterday, today and tomorrow of Dentistry in Sri Lanka: SLDA Kandy Branch March 2022
- 101 Guest Lecture “ Financial Challenges in Current Economic crisis” 89<sup>th</sup> Annual Scientific Sessions of the Sri Lanka Dental Association Colombo June 2022
- 102 College of Dermatologists of Sri Lanka – AGM Guest Speaker 28<sup>th</sup> Aug 2022
- 103 Guest speaker– Inauguration of the PG Program Faculty of Management University of Peradeniya- 2023
- 104 Guest Speaker - Young Community Physician Forum January 2023
- 105 Guest lecture At Annual International conference of The College of Anesthesiology – 2023
- 106 Guest lecturer - Vet Alumni Association- President Induction -2023
- 107 Guest Speaker – At Induction of the President of the College of Military Medicine of Sri Lanka -2023

- 108 Guest lecturer - At the Annual scientific sessions of the College of Stomatology of Sri Lanka 2023
- 109 College Lecture- The Sri Lanka College of Blood Transfusion Medicine President Induction 2023
- 110 Guest Speaker – Anuradhapura Clinical Society Annual Sessions 2023
- 111 Guest lecture SLMA Annual International Conference 2023
- 112 Guest lecture – Annual Sessions of the SL College of Obstetricians and Gynecologists 2023
- 113 Guest lecture Annual Sessions of the College of Cardiology 2023
- 114 : International Oral Cancer Congress India– Online Feb 2024
- 115 Guest lecture – Sri Lanka College of Military Medicine Feb 2024
- 116 Guest Lecture Gampola TH Clinical Society May 2024
- 117 Symposium - Annual Sessions of the College of Pediatricians of Sri Lanka And SARAC Countries (SAPA) June 2024
- 118 Guest lecture -Annual Sessions of Sri Lanka Dental Association June 2024
- 119 Guest lecture – Institute of Oral Health Clinical Society Aug 2024
- 120 Guest lecture – Annual sessions of Academy of Health Professionals( Pre Congress Sessions)
- 121 Guest lecture - Annual Sessions of Ceylon College of Physicians Sep 2024
- 122 Guest lecture – University of Colombo IBMBB Career Guidance Program Jan 2025
- 123 Guest lecture – Annual sessions of the Association of Cardiothoracic Surgeons of Sri Lanka Jan 2025

## CURRICULUM

- Member Curriculum Review Committee of the new 5 year BDS curriculum, Faculty of Dental Sciences University of Peradeniya
- Member of the Committee appointed by the Dean Faculty of Dental Sciences University of Peardeniya to draft a Curriculum for the proposed MSc in General Dental Practice 2016.
- Member of BDS study program Review - External Stakeholder Committee, Faculty of Dental Sciences University of Peradeniya 2019
- Resource person to prepare a New Degree Program Curriculum for the Faculty of Allied Health Sciences, University of Ruhuna 2019.
- Committee member in introducing a BSc Nursing degree programme under proposed Nursing University of Sri Lanka. 2020
- Curriculum development for Dental Laboratory Technicians Training programme of Ministry of Health 2019.
- Contribution towards College of Medical Administrators: Module developer - Management Module for Post Interns- on cost Accounting and Cadre Norms

- Contribution to Develop a MBA in Health Management (on going), Faculty of Management University of Peradeniya
- Contribution to develop a Certificate course in Health Finance PGIMS University of Peradeniya (on going)
- Contribution to develop Diploma and Higher Diploma Courses in Career Development, Career Guidance Unit of the University of Peradeniya

## TEACHING, RESEARCH SUPERVISION

### **Lecturing at Post Graduate Institute of Management, University of Colombo, Sri Lanka: 2010 to date**

#### *Summary*

Lecturer/Resource Person: MSc (Community Medicine/Dentistry) Course 2010- to date

Lecturer/Resource Person- MD ( Community Medicine/Dentistry) Course 2022-to date

Lecturer /Resource Person: MD ( Medical Administration) Part I & II 2020-to date

Lecturer /Resource Person : MSc( Medical Administration) 2015 – to date

### **Lecturing at other Institutions/universities**

Visiting Lecturer - 2nd BDS Programme Faculty of Dental Sciences University of Peradeniya-Finance & Professional Ethics 2017

Lecturer for the MBA programme of Cardiff Metropolitan University (ICBT Campus Sri Lanka) for 4years 2012-2016

Visiting Lecturer for Postgraduate Diploma in Health Development, Faculty of Medicine University of Colombo 2017 to date

Lecturer for the EEG Diploma course – Ministry of Health 2020

Lecturer for School Dental Therapist Programme – Ministry of Health 2012/2013

Lecturer for Introductory programme for the MSc (Medical Administration) Screening Examination for the years 2014, 2015, 2016, 2017, 2018, 2019.College of Medical Administrators of Sri Lanka

Lecturer for MSc in Physiotherapy – Faculty of Allied Health Sciences University of Peradeniya 2023

Lecturer for MSc in Nursing – Faculty of Allied Health Sciences University of Peradeniya 2024

Lecturer in Health Economics- Faculty of Medical Sciences, University of Sabaragamuwa-Sri Lanka 2022

Lecturer in Health Economics – Faculty of Medicine – University of Moratuwa Sri Lanka 2023.

Faculty of Medicine University of Peradeniya – 2023 to date

Faculty of Management University of Peradeniya- 2024

### **Research Supervision**

**Post Graduate Institute of Medicine, University of Colombo Sri Lanka.**

MD (Medical Administration) Supervisor- Dr C Gajanayake – Measurement of the effectiveness and initial cost of using fissure sealant in School children in Colombo district”;

MD (Community Dentistry) Dr K.A.R Jayathilake Thesis “ Geriatrics oral disease burden, assessment of a novel elderly friendly oral health care intervention and selected economic factors related to oral health seeking behavior of the elderly population in Colombo district”

MD ( Community Dentistry) Dr Sampath Ratnayake. The burn of the disease and quality of life in patients with Maxillofacial injuries presenting at tertiary care treatment centers in Kandy District Sri Lanka.

MD (Community Dentistry) Dr T Hegoda: Ongoing research

MSc (Medical Administration) Supervisor-Dr D.M.S.L.J Wijayarathna 2019. A study on the pattern and determinants of out of pocket expenditure of patients at the Neuro trauma unit of NHSL following RTA

MSc Supervisor (Medical Administration)-Dr L.I Malalasekera 2016. “Costing of haemo dialysis and continuous ambulatory peritoneal dialysis (CAPD) procedures performed at National Institute of Nephrology, Dialysis & Transplant (NINDT) Maligawatte Colombo”

MSc Supervisor-(Community Dentistry) Dr D R D L Ratnayake 2014. “Awareness on risks of cross-infection and control measures among the patients attending the Outpatient Department Dental clinics in University Dental Hospital Sri Lanka:

MSc Supervisor ( Medical Administration)-Dr R .M.S .S Ratnayake 2014. “Treatment cost of patients admitted to Emergency Treatment units of two hospitals in Colombo district”

MSc Supervisor ( Medical Administration) Dr Chinthaka Perera 2014/2015 “ Estimation of provider cost and out of pocket expenditure for cataract surgery at Base Hospital Homagama”

MSc Supervisor ( Medical Administration) Dr H.M.P Perera 2018/2019 “ Cost study of three selected laboratory investigations in different levels of healthcare institutions in Western Province Sri Lanka.

MSc Supervisor (Medical Administration) Dr Hareesh Senarathna. 2017/2018. Study on Post Retirement Re-employability of Government Sector Nursing Officers in the Western Province of Sri Lanka.

MSc Supervisor-(Community Dentistry) Dr D .G.S.M Premarathne. 2019 “Usage of self-medication and other common treatment modalities for dental conditions among residents of Piliyandala medical officer of health area”.

MSc Supervisor ( Medical Administration) Dr R A D I R Sumanasekera 2024. Provider Cost and Cost-Consciousness among Cardiothoracic Unit Staff of a Coronary Artery Bypass Graft Performed at National Hospital Kandy

MSc Supervisor ( Medical Administration) Dr K.R.S Dalpadado. The purchasing pattern of high price essential pharmaceuticals by the Ministry of Health Sri Lanka and its financial impact on the annual health budget.

### **Trainer in MD (Community Dentistry) Progamme- PGIM University of Colombo**

Trainer Post MD ( senior Registrars) Training Programme in Community Dentistry 2019 PGIM - Trainee Dr B.K.G Jinadasa From 09/12/2019 to 08.12.2020. Training centre Family Health Bureau Colombo

Trainer Pre MD (Registrar) Training Programme in Community Dentistry 2019- Trainee Dr S.A.D.N Amarasena. Training Unit FHB From 16/10/2019 to 15.05.2021

Trainer Post MD Training Prpgramme in Community Dentistry 2017. Trainee Dr A.M.U Amilani 13.02.2017- 12.08.2017

Trainer Post MD (senior Registrars) Training Programme in Community Dentistry 2019 PGIM - Trainee Dr B.K.G Jinadasa From 09/12/2019 to 08.12.2020. Training centre Family Health Bureau Colombo

Trainer Pre MD (Registrar) Training Programme in Community Dentistry 2019- Trainee Dr S.A.D.N Amarasena. Training Unit FHB From 16/10/2019 for one year and 7 months.

Trainer Post MD Training Programme in Community Dentistry 2017. Trainee Dr A.M.U Amilani 13.02.2017- 12.08.2017

## **Examiner**

### **Evaluation of MSc dissertations in Community Medicine/Dentistry and Medical administration-PGIM Colombo**

MSc (Community Dentistry) 2019 Examiner to evaluate the dissertation submitted by Candidate No 2018/MSc/CD/002

MSc (Medical Administration) 2019 Examiner to evaluate the dissertation submitted by Candidate No 2019/MSc/ Med Ad -004 - "Factors associated with patients experience at Geriatric Clinic Teaching Hospital Peradeniya"

MSc (Medical Administration) 2019 Examiner to evaluate the dissertation submitted by Candidate No 2019/MSc/ Med Ad -003 - "Factors affecting the effectiveness of pharmaceutical supply chain management in selected tertiary care hospitals in Sri Lanka"

MSc (Community Dentistry) 2020 Examiner to evaluate the dissertation submitted by Candidate No 2019/MSc/CD/005

MSc (Medical Administration) August/ September 2018. Examiner to evaluate the dissertation submitted by Candidate No 2018/MSc/ Med Ad -004 -

MSc (Community Medicine/Dentistry) Nov/Dec 2016. Examiner to evaluate the dissertation submitted by Candidate No 2015/MSc/ CD/New -004 . " Prevalence, knowledge, attitude and practice of usage of commercial preparations of areca nut among vocational trainees in Gampaha District

MSc (Community Dentistry) Nov/Dec 2015. Examiner to evaluate the dissertation submitted by Candidate No 2015/MSc/ CD/New -08. "Oral health states of stroke patients and related oral health knowledge and practices of care givers in maintaining oral health of stroke patients at Stroke Clinic, National Hospital Colombo"

Referee for detailed protocol. MD in Community Medicine. " Prevalence, factors associated and burden of alcohol consumption among adult males in Colombo district in clinical and economic perspectives. Nov 2018. Candidate- Dr M.P Kumbukage

### **Evaluation of MBA dissertations in other universities**

MBA dissertations in Cardiff Metropolitan University (ICBT Campus Sri Lanka). For 4 years 2012-2016

### **Examiner at Post Graduate Institute of Medicine, University of Colombo.**

Examiner – Pre Board Certification Assessment in Medical Administration –Dr T.M.I.S Priyantha. MBBS (Kelaniya) MSc, MD (Med Ad), Dec 2018

Examiner – Pre Board Certification Assessment in Medical administration–Dr P.U Gamalathge BDS,MSc,MD(Med Ad) Dec 2020

Examiner – Pre Board Certification Assessment in Medical administration–Dr V R Gunasekera MBBS,,MSc(Med Adm), MSc (Econ),MD (Med Ad) Dec 2020

Examiner MD ( Medical Administration ) Part I and Part II. 2018 to date

Examiner MSc ( Medical Administration) 2018 to date



Examiner Post Graduate Diploma in Hospital Dental Practice Dec 2017

Examiner MSc (Community Medicine/Community Dentistry) Examination 2017 to date

### **Examiner at other Institutions/Universities**

External Examiner Final BDS Part I Examination- Faculty of Dental Sciences University of Peradeniya 2019

Viva Examiner for the MBA programme of Cardiff Metropolitan University (ICBT Campus Sri Lanka) for 4 years 2012-2016

Chairman of the Examiner panel for School Dental Therapists' Efficiency Bar Examination 2011

Chairman of the Examiner panel for Dental Technicians' Efficiency =Bar Examination 2012

Examiner Postgraduate Diploma in Health Development, Faculty of Medicine University of Colombo 2024

## EDITOR IN CHIEF / MEMBER OF EDITORIAL

Editor in chief. Sri Lanka Dental Journal 2017- March 2022

Member of the Editorial Committee of the Sri Lanka Journal of Health Research-Ministry of Health 2021.

Editorial Board member of Dental Journal 2019

Editorial Board member Journal of College of General Dental Practitioners 2016,2017,2018,2019,2020

Reviewer – Journal - International Transactions in Operational Research. 2016

Reviewer – Peradeniya University International Research Sessions (iPurse 2014)

Reviewer – For Research Proposals submitted to ETR unit for Research Allowance

Reviewer for the Ethics Review Committee of the Faculty of Dental Sciences, University of Peradeniya 2019

Reviewer- National Health Research Symposium 2017, 2019

Reviewer/ Evaluator- University of Peradeniya Council & Academic Division: Evaluation of the Final Report written on a Research Grant Awarded by the University.- “ Cost effectiveness analysis of Oral Cancer screening in Sri Lanka

## NATIONAL AND MINISTERIAL LEVEL

The presidential Task Force on Sri Lanka's Education affairs - Member of the core Group on transforming Nursing Training Schools-

Cabinet Appointment: Member of the 3-member Expert Committee – to Study and develop a Human Resource Division of the Ministry of Health

Member of the Subject Committee on Dentistry. Appointed by University Grant Commission (1/10/2019 to 31/12/2020).

Member National Coordinating Committee on School Health 2015-2020

Member National Committee on Family Health 2015-2020

Member Committee to Develop Taxation Formula for Tobacco & Alcohol - National Authority on Tobacco & Alcohol (NATA) 2020

Member- Committee to formulate an effective mechanism to measure the HRD status of National & Sub National Level of The National Human Resources Development Council of Sri Lanka 2020

Member Research Management Committee- Apex committee in approving research allowance for the Senior Grade staff of the Ministry of Health from 2016 to date

Chairman of the Committee on Human Resource Development – World Bank Country programme for the Health Sector in Sri Lanka, Ministry of Health. September 2017

Member of the Sectoral Subcommittee for Health; for developing a Medium Term National Economic Plan for Sri Lanka, by the Secretary Ministry of Health Nutrition & Indigenous Medicine 2019

Technical Head of the subcommittee on Human Resource for Health to prepare the National Sustainable Development Strategic Frame work- Ministry of Health 2018

Member National Human Resource Development Council of Sri Lanka (NHRDC) study group on Health sector 2018

Member of the Expert Committee to decide on “End Stations” for medical consultants. Appointed by the Secretary Health and Public Service Commission 2019 & 2020

Committee member – Committee to devise a mechanism to issue receipts depicting the cost incurred by the hospital for in-door and outdoor treatment in state sector hospitals March 2017

Member- Committee to decide on 3 month orientation programme for newly appointed School Dental Therapists. 2016. Ministry of Health

Committee member – Committee to propose Policies to enhance the demand for Public Health Midwife course .Ministry of Health 2019

Member National Pharmaceutical and Surgical formulary Revision Committee 2020

Member Advisory Committee: National Oral Health Survey 2015/2016

### **Ministry of Health Representation**

HRH Focal Person on National Health Workforce Accounts 2018, 2019,2020. Appointed by the Secretary Health.

Ministry of Health's focal point to complete the Global Oral Health Workforce Questionnaire Survey 2019

Ministry of Health's Representative to UGC's Committee on Increase the intake of MLT Graduates

Ministry of Health's Representative to UGC's Committee on transforming Nursing Diploma to a BSC degree programme

Ministry of Health's representative to the Interview Board to select a company to evaluate the progress of Vision 2020 programme

Ministry of Health's Nominee to the Department of Management Services- Ministry of Finance on Cadre Review of Public Institutions 2017

Ministry of Health's Representative to the Faculty of Dental Sciences University of Peradeniya to coordinate the Dental Laboratory Technician Programme.2012 - 2020.

Ministry of Health Representative to the Interview Board- To Select Head HR of Sri Jayawardenapura General. Interview date 10/04/2019

### **Chairman of Scientific Committees and Chairing of Scientific Sessions**

Chairman Scientific Seccessions Asia Pacific Dental Congress 2021

Chairman Scientific Seccessions of the Annual Scientific Sessions of Sri Lanka Dental Association 2014 and FDI Global Continuing Education Programme

Chairman Scientific Seccessions of the 34th Annual Scientific Sessions of the College of General Dental Practitioners of Sri Lanka 2017

Chairman Scientific Seccessions of the 31st Annual Scientific Sessions of the College of General Dental Practitioners of Sri Lanka 2014

Chairperson of the Session I of the Annual Scientific Sessions of Sri Lanka Dental Association 2015

Chairperson of the Session II of the Annual Scientific Sessions of Sri Lanka Dental Association 2016

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