

H.M.N. D Herath

Technical Officer Grade I

Department of Pathology,

Faculty of Medicine,

University of Peradeniya.

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EDUCATION

- Followed International Higher Diploma in Computer programming by NCCE conducted by IT educational center in UK.
 - Successfully completed Australian Computer Society (ACS) in Information Technology as a professional course and also a member of the ACS board.
 - Followed a short term course of Computer Hardware, Engineering with Networking.
 - Followed a Diploma in Computer Studies with office package and programming languages.
 - O/L and A/L
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TRAINING PROGRAMMES AND WORKSHOPS

- *“Salivary and Odontogenic Tumour and Special Stains”* - One day workshop conducted by the collage of Pathologists of Sri Lanka in collaboration with the Department of Oral Pathology and Department of Pathology, Faculty of Medicine, University of Peradeniya on 6th March 2008.
- *“Quality Assurance in Medical Laboratory”* - One day workshop conducted by Department of Pathology, Faculty of Medicine, University of Peradeniya on 20th March 2008.
- *“Care, Handling and Maintenance of Microscopes”*- One day Training Workshop conducted by Peradeniya University Technological Officers’ Welfare Association in collaboration with Department of Anatomy, Faculty of Medicine, Peradeniya on 17th December 2014.
- *“Maintenance of Laboratory Equipment and Laboratory Practices in Molecular Biology Applications and secrets of work place success”*- One day Training workshop conducted by Peradeniya University Technological Officers’ Welfare Association in collaboration with Avon Pharmo Chem (Pvt.) Ltd. On 11th December 2015.

- *“Occupational safety management, interactive white board, audio system and smart classroom concept”*- One day Training workshop conducted by Peradeniya University Technological Officers’ Welfare Association in collaboration with Mat International Co. (Pvt) Ltd, on 06th July 2018.
 - Short term training program on *“Database Management System and Programming using Visual Basic V7+MySQL”* conducted by the Information Technology Center of the University of Peradeniya from 1st August 2009 to 10th October 2009.
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RESEARCH PUBLICATIONS

CO- AUTHORSHIPS

- Staining for Amyloid with Congo Red stain in previously stained histological section and Cytological smear – W.GV Sumanasekara, N.V.I Ratnatunga, **N.Herath** Faculty of Medicine, University of Peradeniya: Proceeding of Collage of Pathologist of Sri Lanka, Annual Academic Sessions 2008.
- Detection of Helicobacter pylori by Histology in biopsy specimens of patients with Gastric ulcers in a selected group of patients from Teaching Hospital, Peradeniya: S. Wijetunge, V.C. Halahakoon, K.B Galketiya, P.V.R Kumarasiri, T.R.D.S.K Tennakoon and **H.M.N.D Herath**: Proceeding of the Peradeniya University Research Sessions, Sri Lanka, Vol.16, 24th November 2011.
- Pathological Characteristics of endemic Chronic Kidney disease of unknown aetiology in Sri Lanka: S. Wijetunge¹, N.V.I Ratnatunga¹, T.D.J Abeysekara², A.W.M Wazil², M. Selvarajah³, G.H.D.S Chandraprabha¹, **H.M.N.D Herath**¹: 1 Department of Pathology, Faculty of Medicine, University of Peradeniya, 2 Nephrology and Transplant Unit , Teaching Hospital Kandy, 3 Nephrology Unit, General Hospital, Anuradhapura Proceeding of the Peradeniya University Research session, Sri Lanka- 2012 Vol.17
- CKD of unknown aetiology in Sri Lanka may be a sequel of Acute Interstitial Nephritis. Nishantha Nanayakkara¹, Premil Rajakrishna¹, Neelakanthi Ratnatunga², Tilak Abeysekara³, Abdul Wazil¹, Jalith Thinnarachchi¹, Damith Ekanayake³, Chanuka Happuarachchi³, Farhim Samsudeen³, and **Nadeeka Herath**², ‘1 Nephrology and Transplant Unit, Teaching Hospital Kandy; 2 Department of Pathology, University of Peradeniya and 3 Department of Pharmacology, Faculty of Medicine, University of Peradeniya: Proceeding of the World congress of Nephrology 2013.

- Clinical and Pathological features of pure acute tubular injury of the kidney in a Sri Lankan setting: Waravita TS, Ratnatunga NVI, Wijetunge S, Dasanayaka DLP, **Herath HMND**, Department of Pathology, Faculty of Medicine, University of Peradeniya, Sri Lanka, proceeding of the Diagnostic Pathology update and Junior Academy International Conference August 27-29 2014, Colombo, Sri Lanka.
 - Renal Amyloidosis: The clinic-pathological profile in sample of Sri Lankans: Dasanayake DLP, Ratnatunga NVI, Wijetunge S, Wazil AWM, Abeysekera DTDJ, Nanayakkara N, Selvarajah M, Ratnatunga CN, **Herath HMND**, Department of Pathology, Faculty of Medicine, University of Peradeniya; Teaching Hospital, Kandy.(FP4/OP1)
 - IgA Nephropathy in Sri Lanka needs early detection and close follow up: Ratnatunga NVI, Bandara AMBD, Abeysekera DTDJ, Wazil AWM, Selvarajah M, Nanayakkara N, **Herath HMND**: Faculty of Medicine, University of Peradeniya; Teaching Hospital, Kandy.(FP4/OP2)
 - A follow up study of IgA Nephropathy: Ratnatunga NVI, Bandara HMSK, Bandara AMBD, Abeysekera DTDJ, Wazil AWM, Selvarajah M, Nanayakkara N, **Herath HMND**, Faculty of Medicine;Teaching Hospital, Kandy.(FP4/OP3)
 - Clinical and Pathological features of Acute tubular injury without histological evidence of glomerular pathology: Waravita TS, Ratnatunga NVI, Wijetunga S, Dasanayake DLP, Abeysekera DTDJ, Wazil AWM, Nanayakkara N, Selvarajah M, **Herath HMND**, Department of Pathology, Faculty of Medicine, University of Peradeniya. (FP4/OP4)
 - Renal disease pattern in a sample of Sri Lankan adolescents undergoing renal biopsy; Sulochana Wijetunge¹, NVI Ratnatunga¹, N. Nanayakkara², AWM Wazil², EMPMR Ekanayake¹, HGRBL Hewawasam¹ and **N Herath¹**; ¹Department of Pathology, Faculty of Medicine, University of Peradeniya, Sri Lanka, ² Nephrology and Dialysis Unit, Teaching Hospital, Kandy; Proceeding of the Peradeniya University International Research Sessions, Sri Lanka, Vol.19,5th & 6th November 2015.
 - A profile of diabetic nephropathy with superadded renal pathology in a Sri Lankan cohort; Perera AGYB¹, Ratnatunga NVI ¹, Wijetunge S ¹, **Herath HMND¹**, Nanayakkara N², Wazil AWM² and Abeysekera DTDJ² ¹Department of Pathology, Faculty of Medicine, University of Peradeniya, ² Nephrology and Transplant Unit, Teaching Hospital, Kandy; Proceeding of the Kandy Society of Medicine- Annual Academic Sessions 2016.
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ACKNOWLEDGEMENTS

- “Salivary and Odontogenic tumours and special stains” to contribution for the workshop conducted by the collage of Pathologists on the 7th March 2008.
- “The case book in Histopathology” – Geshani Weerasnghe, Case book submitted for the degree of at the University of Peradeniya (2009).
- “Use of the Modified Methenamine Silver staining technique for staining Lymphocytes” - J.A.N Sandamali (AHS/MLS/05/41), Research project submitted for the degree of BSc in Medical Laboratory Sciences (2010).
- “Development of combined staining technique for Verhoeff’s Elasting Technique and Masson’s Trichrome Technique” - K.G Jayasekara (AHS/MLS/05/18), Research project submitted for the degree of BSc in Medical Laboratory Sciences (2010).
- “Lymphatic reaction in kidneys following snake bites: a histological descriptive report”- Research paper submitted for the Journal of the Ceylon collage of Physicians Vol. 44 Nos 1&2, 2013.
- “Endemic chronic kidney disease of unknown etiology in Sri Lanka: Correlation of Pathology with clinical stage” Research paper submitted for the Indian Journal of Nephrology, Vol 25, No5 September –October 2015.
- “Low cost rapid urease test to detect Helicobacter pylori infection in resource limited settings” Research paper submitted for the Ceylon Medical Journal, Vol.60 No.1, March 2015
- “Chronic Kidney disease of uncertain etiology in Sri Lanka is a possible sequel of interstitial nephritis”- Research paper submitted for the Clinical Nephrology, DOI 10.541/CNP86S115, e-pub July 2016.
- “Pathological characteristics of fifty patients with renal amyloidosis in Sri Lanka” –Research paper submitted for the Ceylon Medical Journal, Vol.61, No.4, December 2016.
- “Clinicopathological findings, treatment response and predictors of long-term outcome in a cohort of lupus nephritis patients managed according to the Euro-lupus regime: a retrospective analysis in Sri Lanka”- Research paper submitted for the BioMed Central (2017), DOI 10.1186/s13104-017-2402-6.
“Effect of fluoride on major organs with the different time of exposure in rats” – Research paper submitted for the BMC, under Environmental Health and Preventive Medicine 2018.
- “Degree of Proteinuria as a Predictor of severity in Diffuse Proliferative Glomerulonephritis: An experience from Sri Lanka” – Research paper submitted for the Asian Journal of Pediatric Nephrology in 2020.
- “In vitro and in vivo evaluation of the wound healing properties and safety assessment of two seaweeds (Sargassum ilicifolium and Ulva lactuca)”: Research paper submitted for the Department of Veterinary Pathobiology , Faculty of veterinary Medicine and Animal Science, University of Peradeniya.

- Contributed technical assistant as obtaining microphotographs of special stained slides and common pitfalls for the hand book of histopathological techniques "*A Practical Guide to Preparation of High Quality Paraffin Sections & Remedies to Pitfalls*" - for the trainee in histopathology by Mr. Kaunaratne Herath, Retired Senior Staff Technical Officer, Department of Pathology, Faculty of Medicine.
 - Letter of appreciation for the renal histopathology service given by Dr. P.N. Rajakrishna, Consultant Nephrologist, District General Hospital, Vavuniya in 2016.
 - Letter of appreciation for the excellent cooperation and help with the Department of Medical Laboratory Science, Faculty of Allied Health Sciences, to successfully complete their work base learning course module for the 2013/2014 batch of undergraduate of the MLS degree programme (2019)
 - Letter of appreciation for the honorary support given for the Department of Medical Laboratory Science, Faculty of Allied Health Sciences, to train the MLS undergraduates in Histology, Cytology, Special stains and Immunofluorescence techniques for the year of 2016.
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CONTRIBUTION TO THE UNIVERSITY SYSTEM

1. Assisting and supervising AHS students in routine investigation of Histological and cytological techniques
 2. Assisting AHS students in research projects.
 3. Designed a computerized report typing programme for the histology and cytology report for the first time in the department of pathology.
 4. I have contribute my service for the continues functions of the department during the period of covid-19 in 2020.
 5. Preparation of exam slides and class slides for undergraduate and postgraduate students in the department of Pathology.
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