

Dr Saman Peduru Hewa

**Consultant Chemical Pathologist
Teaching Hospital Colombo South.**

**Technical Assessor in laboratory conformity assessment
Sri Lanka Accreditation Board**

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Profile

Board certified specialist in chemical pathology for 13 years.

Junior specialist in chemical pathology for 5 years.

Junior specialist in general pathology for 2 years.

Wide range of clinical experience as General Physician at wards, clinics and OPD for 6 years.

Quality and efficiency oriented manager in all functions of a medical laboratory with skills in working with teams for institutional goals.

Determined worker with proven history of task achievements.

Experienced educator and trainer in laboratory medicine with wide range of teaching skills.

Enthusiastic and motivated personality with a passion for laboratory medicine.

Education

MBBS- University of Colombo, Sri Lanka (1993)

Diploma in Pathology- University of Colombo, Sri Lanka (2003)

MD Chemical Pathology- University of Colombo, Sri Lanka (2005)

Medical Scientist Professional Examination- Australian Institute of Medical Scientist, Adelaide (2009)

IELTS - Speaking:7, Reading:7, Writing:7, Listening:7.5 (2015 September)

Professional examination for Medical Scientist – Australian Association of Medical Scientist (2009)

Reader MBA - University of Peradeniya

Reader MSc Molecular Pathology – University of Colombo

Career Summary

Position Held	Company	Period
Consultant Chemical Pathologist	Teaching Hospital Colombo South	April 2017 – To date
Consultant Chemical Pathologist	Provincial General Hospital, Badulla	2016 - 2017
Consultant Chemical Pathologist	Sirimavo Bandaranayake Children Hospital, Peradeniya	2015 – 2016
Consultant Chemical Pathologist	Teaching Hospital Kandy	2009 – 2015
Registrar Chemical Pathology	Royal Prince Alfred Hospital, Sydney	2007 – 2009
Senior Registrar Chemical Pathology	National Hospital Colombo	2005 – 2007
Registrar Chemical Pathology	National Hospital Colombo South	2004 – 2005
Registrar Chemical Pathology	Medical Research Institute, Colombo	2003 – 2004
Registrar General Pathology	Teaching Hospital Karapitiya	2001 – 2003
Medical Officer - in charge	Rural Hospital Uduwela, Kandy	2000 - 2001
Medical Officer	Base Hospital Gampola	April 1995 - 2000
Intern Medical Officer	Castle Street Women’s Hospital, Colombo	Oct 1994 – Apr 1995
Intern Medical Officer	Lady Ridgeway Children Hospital, Colombo	Apr 1994 – Oct 1995

Key Duties and Responsibilities

Consultant Chemical pathologist

Teaching Hospital Colombo South	April 2017 to date
Provincial General Hospital Badulla	2016 – 2017
Sirimavo Bandaranayake Children Hospital Peradeniya	2015 – 2016
Teaching Hospital Kandy	2009 - 2015

Monitor all functions of the laboratory to assure the satisfaction of users of services.

Analytical and clinical validation, interpretation and reporting of test results.

Ensure the accuracy, appropriateness and timeliness of variety of routine and special biochemical tests for the generation of reliable results.

Review of Internal Quality Control (IQC) and External Quality Control (EQC) results on regular basis for error detection and correction of analytical procedures.

Plan, manage and organise the working flow, processes and procedures for the generation of reliable results according to priorities and demands.

Select appropriate tests and methods for the requirement and demand.

Evaluate and validate methods and equipment for all selected tests

Participate in formation of policies, protocols, guidelines, standard operating procedures and code of practice for the service as per the requirement of the institution and statute.

Ensure that services are updated to be effective and appropriate for advancements in treatment modalities.

Implement and monitor procedures to minimise pre-analytical errors e.g. patient preparation, sample collection, transportation, processing and storage.

Liaise with clinicians in wide range of matters such as, choice and alternative tests, collection and transportation of samples, interpretation of test results, diagnosis and possible action on further management of patients.

Take part in multidisciplinary clinical team activities.

Teach to MLTs, undergraduate in medicine and medical laboratory science and postgraduate trainees in chemical Pathology.

Design and carry out research and development projects.

Tender evaluation for purchase of equipment and reagents.

Ensure sufficient stocks and timed supplies.

Registrar Chemical Pathology

Royal Prince Alfred Hospital Sydney	2007 – 2009
National Hospital Colombo	2004 -2007
Medical Research Institute Colombo	2003 -2004

Analytical and clinical validation, interpretation and reporting of test results under supervision.

Monitor IQC and EQC results regularly on daily, weekly and monthly basis for error detection and identification of causes.

Advise or perform corrective action on quality control matters under supervision.

Take part in IQC and EQC review meetings.

Assist the supervisor in the method selection and validation.

Assist in evaluation of tenders for suitable equipment and reagents.

Assist in ensuring effective and appropriate services by regular literature review.

Liaison with clinicians and provide advices to them regarding choice of tests, ancillary tests, diagnosis and further action on management of patients, under supervision.

Participate in multidisciplinary team meetings with other clinicians and laboratory consultants.

Teaching to MLTs and undergraduates in medicine and medical laboratory science.

Design and carry out research and development projects.

Registrar General Pathology

Teaching Hospital Karapiitiya 2001-2003

Perform routine cut up and reporting with the Consultant on roster basis.
(The laboratory usually receives approximately 10,000 histopathology and 3,500 cytopathology samples per year.)

Perform fine needle aspirations and report with the Consultant.
(nearly fifty percutaneous fine needle aspirations are performed per week by a single trainee).

Regular participation in case presentations and journal clubs.

Perform autopsies and report with the supervising pathologist.

Performing tissue processing, embedding, sectioning and staining with H&E and other special stains.

Preparing, staining and interpreting cytological samples.

Prepare frozen section samples and interpreting slides of them with the supervising Pathologist.

Prepare, stain and report blood films.

Perform bone marrow aspirations.

Performing routine haematological investigations and interpreting them.

Participation in clinicopathological meetings.

Analytical and clinical validation, interpretation and reporting of test results under supervision.

Follow up patient outcomes by consultation with clinicians.

Follow up patient outcomes by consultation with clinicians.

Review of quality control results under supervision.

Perform manual test under supervision.

Participate in clinicopathological meetings.

Interpret colony growths on culture plates and assess for antibiotic sensitivity.

**Technical Assessor in Laboratory Accreditation
Sri Lanka Accreditation Board, Colombo**

Assess for conformity of medical laboratories in chemical pathology against ISO15189 standards.

**Supervisor, Lecturer and Examiner in chemical pathology
Postgraduate Institute of Medicine, Colombo**

Conduct lectures, tutorial and examinations for postgraduate trainees.

Take part in examination board meetings and in MCQ co-group meetings.

Organize and conduct group practical sessions and discussions on theory and applications of them.

Participate in journal club.

**External Lecturer and Examiner in applied biochemistry, Department of biomedical science
Kaatsu International University, Colombo**

Conduct lectures, tutorial and examinations for undergraduate students of biomedical science.

Key Skills

Expertise in clinical chemistry
Expertise in analytical biochemistry
Expertise in quality control and accreditation
Expertise in teaching in laboratory science
Excellent knowledge in general medicine and surgery
Excellent communication and presentation skills
Excellent operational and middle level management skills
Excellent ability in working with teams
High level of confidence in all operations of the laboratory
High level of computer literacy: ability to use Microsoft Office Word, Excel, PowerPoint and Access
Dedication to the job and loyalty to superiors

Referees

Dr. Asela Gunawardana

Director General o

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Consultant Chemical Pathologist

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