

# Dr. Sree Lekshmi

M.D. Pathology

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Surgical Pathologist capable of performing macroscopic and microscopic specimen analysis by using laboratory tools and equipments, in order to study samples and perform tests to accurately analyze bodily fluids and tissue specimens. Up to date with developments in the fields of pathology and medical practice. Committed to improving patient quality of life by carrying out standard protocols of laboratory services, and standard reporting formats with clinical, radiological and biochemical correlation and follow up as appropriate.

## Work History

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**2021-12 - Current**

### Senior Resident in Pathology

*Government Medical College, Ernakulam, Kochi, Kerala*

- Currently working as SR in Ernakulam medical college and was posted in Hematology, Cytopathology, and Histopathology.
- Haematology - Daily reporting of Peripheral smears, and assisted in Bone marrow aspirate and trephine reporting.
- Cytopathology - Performed FNACs and assisted in diagnosis of cytology slides, including fluid cytology. Reporting of cervical PAP smears.
- Histopathology - Performed routine activities involved in the preparation of surgical specimens, including specimen identification with request form. Grossed many specimens including Breast, Thyroid, Uterus, Colon, Stomach, and various small biopsies and cell block specimens. Described gross anatomical features, dissecting surgical specimens, and preparing tissues for histological processing. Also able to correct technical errors found.

**2017-05 - 2020-12**

### Junior Resident in Pathology

*Government Medical College, Ernakulam, Kochi, Kerala*

- As a Junior Resident, i was keen to function as a part of a team in the Department of Pathology, develop an attitude of cooperation with colleagues, and interact with patients and clinicians to provide my best possible opinion.
- I was able to work with my colleagues, professors and laboratory staff, and was keen to learn from daily morning P.G slide discussions, journal clubs and seminars.

- In Histopathology, I was trained in handling and processing biopsy specimens, learned to perform routine tests in a Pathology Laboratory including grossing of specimens, processing, cutting of paraffin sections, making slides and staining.
- In Cytopathology, I learned to collect specimens by fine needle aspiration of superficial lumps, including imaging- guided FNAC. Also assisted in diagnosis of other cytology samples like fluid cytology and cervical PAP.
- Hematology posting trained me to interpret routine blood tests and special tests, including Haemogram, reticulocyte count, Bone marrow aspiration, to describe the morphologic findings in the peripheral and bone marrow smears, diagnosing the morphologic abnormalities in common disease states.
- In postings in Transfusion medicine, I assisted in screening of blood donors, and developed knowledge on blood collection, blood grouping using tube and gel card methods, cross matching, and separation of blood components.
- Also had postings in Autopsy where I was trained to put the opening incisions, assisted in dissecting various organ complexes and correlating the clinical and gross the gross findings with the microscopic findings, and deriving at causes of death.
- Also developed an understanding of the general principles and methodologies of clinical pathology, microbiology, and biochemistry.
- During this period, I had taken various classes to undergraduates, postgraduates, nursing and DMLT students.
- Was part of the organizing team of IAPM 81st Kerala Chapter held at GMC, Ernakulam in Sept 2018.
- In addition to the academic activities, I was deputed in the additional health facility in the flood affected areas of Choornikkara Panchayat in Sept 2018, in connection with the disaster control activities 2018, Kerala floods coordinated by Directorate of Health Services, Thiruvananthapuram.
- During the pandemic of Covid-19, Government Medical College, Ernakulam was transformed into a full-fledged coronavirus treatment centre and I was privileged to be a part of the team to provide necessary duties and services as a medical officer.

**2014-03 - 2015-03**

### **Compulsory Rotatory Residential Internship (CRR)**

*Amrita Institute Of Medical Sciences, Kochi, Kerala*

- Rotation in all Clinical Subjects- General Medicine, General Surgery including G.I surgery, Anaesthesiology, Obstetrics & Gynaecology, Family Welfare Planning, Community Medicine, Paediatrics, Orthopaedics, Otorhinolaryng-ology, Ophthalmology, Casualty (Emergency Medicine), Medical oncology, Stroke medicine and Dermatology.
- Met with patients to discuss medical histories and current complaints.
- Trained in injection clinic, first aid, emergency care for poisonous bites, minor procedures under local anaesthesia, preventive health care.
- Established outreach camps for Diabetes, Anaemia, Adolescent health, Sexual health & Communicable disease awareness.

## Education

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- 2017-05 - 2020-12**     **Doctor of Medicine, Pathology**  
*Government Medical College - Ernakulam, Kerala*
- 2009-05 - 2014-02**     **Bachelor of Medicine And Bachelor of Surgery(MBBS)**  
*Amrita Institute of Medical Sciences - Kochi*
- 2008-01 - 2008-12**     **Singapore-Cambridge GCE 'A'(Advanced) Level**  
*Anderson Junior College - Ang Mo Kio, Singapore*
- 2006-01 - 2006-12**     **Singapore-Cambridge GCE 'O' (Ordinary) Level**  
*Cedar Girls' Secondary School - Cedar Ave, Singapore*

## Accomplishments

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Research Article:

"Cyto- histopathological evaluation of Lymph node lesions by applying the proposed Sydney system for classification of Lymph node Cytopathology", submitted to Journal of Clinical and Diagnostic Research (JCDR)

## Additional Information

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### **CONFERENCES/WORKSHOP/ACADEMIC SESSIONS ATTENDED:**

- Melaka Manipal Medical College - Cut for Diagnosis - 5 & 6 Aug 2017
- Aster Neuropathology Update - Aug 2017
- Aster Renal Pathology Conclave Sept 2017
- Research Methodology Workshop - Department of Community Medicine, Government Medical College, Ernakulam - Oct 2017
- Indian Association of Pathologists and Microbiologists Kerala Chapter (IAPM) 79th Chapter- Amala Institute, Thrissur
- Indian Association of Pathologists and Microbiologists Kerala Chapter (IAPM) 80th Chapter - GMC Trivandrum - Feb 2018
- Ortho Patho Radio CME - Aster Kochi
- Victory Path 2018 - Endocrine Pathology - GMC Trivandrum
- Amrita Annual Pathology Update (AAPUD) on Male Genitourinary Tract - July 2018
- "Insight 2018" Ortho Radio Patho meeting on Bone tumours
- Indian Association of Pathologists and Microbiologists Kerala Chapter (IAPM) 81st Chapter - GMC, Ernakulam - Sept 2018
- 10th National CME in Pathology - "Minimalist Pathology - 2019" Small biopsies and Cytology non-gynecological - Feb 2019
- Indian Association of Pathologists and Microbiologists Kerala Chapter (IAPM) 82nd Chapter - AIMS, Kochi - Feb 2019

- B-KON 2019 - Diagnostic Dilemmas in Anemia - GMC Kottayam - March 2019
- Cochin Path Club - Update in Thyroid Pathology - Lourde Hospital
- "Solving the Maze" - Amala Institute of Medical Sciences - June 2019
- Amrita Annual Pathology Update (AAPUD) International CME on GI pathology- July 2019
- Indian Association of Pathologists and Microbiologists Kerala Chapter (IAPM) 83rd Chapter - Sept 2019
- Victory Path 2018- Dermatopathology - GMC Trivandrum
- Aster Conclave on Lymphomas and its differentials- Oct 2019
- CALIPATH 2019 - Pathology PG training workshop - Nov 2019
- Govt Medical College, Ernakulam- Faculty improvement programme- Dec 2019
- Sri Ramachandra Institute of Higher Education and research- SPARRC (Pathology Annual Review Course)- Jan 2020
- CME, Govt. Medical College, Thrissur- Feb 2020
- Indian Association of Pathologists and Microbiologists Kerala Chapter - March 2020

## Languages

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English		Excellent
Malayalam		Excellent
Tamil		Excellent

## Certifications

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2014-02	BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (MBBS)
2021-05	DOCTOR OF MEDICINE IN PATHOLOGY

## Interests

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Pathology - Oncopathology

Hobbies - Reading personal development books, Badminton, Music

## Teaching Experience

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I am very interested in teaching and strongly believe in visual learning. I have tutored junior undergraduate and postgraduate students throughout my medical education and have also helped junior postgraduates learn the necessary technical skills like cutting of sections, and procedure for FNAC. Have explored various modes of teaching like Powerpoint presentations during lecture classes, OHP, whiteboard and blackboard for practical lessons including clinical pathology

practicals, and histopathology practicals. Experienced in taking various online classes with different teaching platforms.

## **Skills**

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Grossing of specimens, work-up and evaluation of cases including the identification of special stains and ancillary procedures needed, collection of specimens including Fine Needle Aspiration of lumps, Laboratory work, Use and maintenance of equipment, teaching and training programme of undergraduate students, interns, paramedical staff.

## **Declaration**

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I hereby declare that all the above details furnished by me are true and correct to the best of my knowledge and belief.