



Volume 1. Issue 2

PATH ವರ್ಣ

THE OFFICIAL NEWSLETTER OF KARNATAKA CHAPTER - IAPM



PATHOLOGY - DRIVING THE WHEELS OF DIAGNOSTICS

PATHOLOGY
PAST
PRESENT
& FUTURE

2022 PATH TRENDS

A PATH ವರ್ಣ Exclusive

- Photography contest for cover design
- Inspirational interviews
- Prose and poetry
- Celebrations and events of path community
- Patho crossword

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Keynote – Editorial Team KCIAPM Newsletter

The KCIAPM newsletter team presents the second issue of ' **Path Varna**'.

As we are gearing up to host the APCON 2022 in the garden city of Bengaluru, we intent to provide the readers with snippets of various facets of our pathologists. The cover page proudly portrays the rich cultural heritage of our state, photographed in the pathologists lens. Content in this issue includes prose and poetry, articles, announcements, celebrations and not to miss interviews by eminent pathologists who in their own way have created a niche for themselves.

We request all of you to take some time off and savour the flavours of the newsletter and also actively submit articles for the upcoming issues. A photography contest was announced with entries from all over the state for the newsletter cover design on the theme ' 'Heritage sites of Karnataka'.

In the end we would like to thank all the senior members for their suggestions and to office bearers for their support in drafting this newsletter.

We look forward to hear from you at EMAIL: kciapmnewsletter@gmail.com.....

Editorial Committee - Pathವರ್ಣ



Dr. Vijay Shankar
Professor & HOD
AIMS, B.G. Nagar



Dr. Niveditha Arun
Professor
KIMS, Bengaluru



Dr. Suma M N
Associate Professor
KMIO, Bangalore



Dr. Archana Shetty
Professor
CDSIMER, Ramanagara



Dr. Ranjana S. Ranade
Associate Professor
KAHER'S JGMMC, Hubballi



Dr. Namratha R
Assistant Professor
JSS Medical College, Mysuru



Dr. Sanjana S. K.
Senior Resident
SIMS, Shimoga

President's Message

Prof. Dr. Nandakishore Alva

Organizing Chairperson, APCON – 2022,
Dean, ESIC Medical College & Hospital, Alwar, Rajasthan



It gives me proud privilege in welcoming all of you for the 70th National conference of Indian Association of Pathologists & Microbiologists, APCON – 2022 to be held at Ramaiah Medical College, Bengaluru in conjunction with annual conference of IAP-ID from 01st to 04th December, 2022. In addition, there will be plethora of scientific events happening on 30th November, 2022 as hands on workshops and preconference CMEs. The scientific program has been carefully crafted and designed to present the best of the scientific events from the eminent faculty across the globe. This conference shall be a hybrid one with live telecast of all the scientific events to all the delegates across the world.

Pathology has walked a long way from its conventional histopathology, cytology and hematology practices to advances in onco-diagnosis especially in the field of molecular biology. It is essential for the young pathologists to keep updated regarding the latest research happening in the field of oncopathology. I am sure resident pathologists and the experts in the diagnostic field shall be greatly benefited from this scientific extravaganza which will be held at Bengaluru.

The organizing committee from KCIAPM and Ramaiah Medical College is striving hard to make this conference a memorable one and I wish everyone a very fruitful academic feast and a comfortable stay in the beautiful Garden City of Bengaluru.

I congratulate the newsletter committee for yet another amazing issue of PathVarna.

With Warm Regards



Dr. N. K. Alva

Secretary's Message

Dr Aditya Agnihotri

Organizing Secretary,
APCON 2022



KCIAPM Newsletter and Cultural Committee is coming out with 2nd Issue of PathVarna Newsletter coinciding with APCON 2022. The effort put in by the committee is evident in the superb quality of the newsletter. We request more members to contribute actively towards the newsletter articles.

It gives me great pleasure in inviting all delegates on behalf of the organizing committee for CME of Indian Academy of Pathology - International Division on 1st December, 2022 organized as a part of 70th Annual Conference of IAPM and APCON 2022 Hybrid Conference from 30th November to 4th December, 2022.

At the outset, let me express my deep gratitude and sincere thanks to IAP-ID and IAPM for giving KCIAPM an opportunity to host the conference at M S Ramaiah Medical College, Bengaluru. Bengaluru being the Silicon valley and IT capital of India, this will be the invariably the techiest APCON ever. With its booming economy and racy lifestyle, the capital of Karnataka has metamorphosized from a sleepy Garden City into one of India's fastest growing, accommodating and cosmopolitan cities.

Like previous years, the scientific programme has been framed to cover relevant topics. It is reassuring to see that reputed and distinguished faculty from India as well as illustrious guest faculty from abroad are going to participate and deliberate in the proceedings of this conference. The entire credit of this goes to the office bearers of IAP-ID.

Hope you enjoy your odyssey, our hospitality and carry home pleasant memories of the academic feast. Bengaluru is generally cold in December but we promise that we will extend enough affection, cordiality and affability to keep you warm. As organizers we will try to do our best but I seek your forgiveness for any eventual shortcomings.

A handwritten signature in black ink, appearing to read 'Aditya'.

Dr. Aditya Agnihotri

'Life of a Pathologist'

Dr. Sushma Belurkar
Additional Professor,
Department of Pathology,
Kasturba Medical College, Manipal



Colours of a Rainbow are beautiful indeed
But the colours of Pathology come from a different creed.
Lilac, Purple, Violet, Green and Reticulin Black
Take us to an amazing world of diagnostic Hack !!
Everyone sees the world with their deep eyes
But we are buried in the microscopic world of stains and dyes.
Blood, urine, fluid, tissue or may it be sputum,
We have a role to play in all, from top to bottom.
The colourful RBC's and WBC's form our bread and butter,
But the naughty platelets sometimes make our brain clutter.
We love to see the benign spindly leiomyomatous cells,
But when they get mitotic, it stumbles our diagnostic spells.
Trabecular, cribriform, Zell Ballen or papillary every pattern excites us,
We are always enjoying the ride on our morphological tour bus.
Sometimes we dive into the plasma hunting for blood corpuscles,
Sometimes we dig into the tissue through dense collagen and muscles.
But we don't give up till we hit the correct diagnosis,
Only after we fit into the WHO nomenclature, we sit in peace.
Such is the amazing and exciting life of a Pathologist,
Every diagnostic challenge is overcome with zeal and zest.

PROUD TO BE A PATHOLOGIST



Microuniverse

Dr. Rahul Kanungo

Shri B.M. Patil Medical College,
Hospital and Research Centre



In a relentless world where people never stop
Where they work with blood and sweat, drop by drop,
They forget what is day, they forget what is night
They forget they have a body, now tell me, is that right?

You don't know what's that swelling on your neck
You're worried that you're feeling something hard on your chest,
You've got a cut long back, that is no longer healing
You asked the physician what it is, cause it's no longer appealing.

She did the needful, she sent you to a place,
You opened the door, you were taken back in amaze,
To see an army in white coats, working as relentlessly as you
Only to tell you, what has happened to you!

Some standing beside many sophisticated equipments
Some, communicating over the phone,
But some completely absorbed in a different universe
Engrossed in their microscopes, with their blood, sweat and bone.

I tell you this, as you should know who I am,
That which your report says, the base of it I am,
The science that speaks volumes, and fills the hospital libraries
I am that science, the ultimate answer to the clinician's queries.

Be it any tissue of your body, oh dear
I will address your problem through sections and smear,
Be it your history, and your lesion a mystery
It won't be hidden from immunohistochemistry.

Over the decades, I've grown to be this vast
Look in the microscope, you can know one's future, present and past,
The army of white coats, that practice my philosophy
Pathologists they are, and my name is Pathology.

All the variegated patterns and colors that is seen
Stars and galaxies clustered, like a micro-universe it seems,
Thus, I'm the science that cannot be seen by the common eye
It's me who tells you, the signs of disease, the science of life.



ವೈರುಧ್ಯ (Vairudhya)

Dr Shankar Anand Bharatnur
Associate Professor
Kidwai Memorial Institute of Oncology



ಕೇಳೇ ಗೆಲತಿ
ನಿನ್ನ
ಕಪ್ಪು ಕಣ್ಣು
ಬಿಳೀ ದಂತ ಪಂಕ್ತಿಯ

ನಡುವೆ

ನನ್ನ ಬಣ್ಣ ಬಣ್ಣದ
ಕವಿತೆಗಳ ಕಲರವ!

ನಿನ್ನ
ಕೆಂಪು ತುಟಿ
ಹಾಲುಗಲ್ಲದ

ನಡುವೆ

ನನ್ನ ಕಾಮನೆಗಳ
ರಕ್ತದೋಕುಳಿ!

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Contact

Dakewe medical equipment
enquiry@dakewe.com
www.dakewe.us

Dakewe India representative
Sarvesh Kaushik
98123 30890
kaushik.sarvesh@dakewe.com

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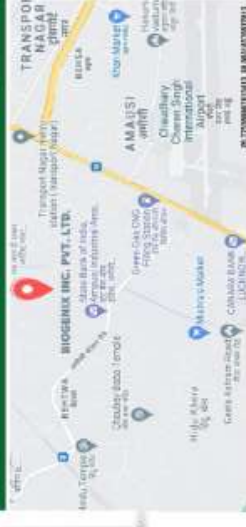


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Address: B - 19/A, S.I.L Ancillary Estate,
Amausi Industrial Area, Nadarganj, Kanpur Road,
Lucknow - 226008 Uttar Pradesh, India.
Email: info@biogenix.in, info@biogenixinc.com,
biogenix2007@yahoo.com
Website: www.biogenix.in
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ಎಂಥ ದಿನಗಳವು (Entha Dinagalavu)

Dr Ranjana S Ranade

MBBS, MD. PDCC (Renal Pathology, SGPGI, Lucknow)
Associate Professor, Consultant Pathologist
JGM Medical College, Hubli



ಹೀಗೊಂದುಸನ್ನಿವೇಶ. ಕೂಲಿಕಾರ್ಮಿಕರಾಗಿ ಕೆಲಸ ನಿರ್ವಹಿಸುತ್ತಿದ್ದಂತೆ -
ತಾಯಿತನ್ನಮ್ಮಗನನ್ನು ಸರಕಾರಿ ಶಾಲೆಗೆ ದಾಖಲು ಮಾಡಿಸಲು ಬಂದಿರುತ್ತಾರೆ.
ಆಸಂದರ್ಭದಲ್ಲಿ ಹುಡುಗನ ತಂದೆ ಶಾಲಾ ಮುಖ್ಯ ಶಿಕ್ಷಕರಲ್ಲಿ ಹೀಗೆ ನಿವೇದಿಸಿಕೊಳ್ಳುತ್ತಾರೆ. ಮೊದಲನೆಯದಾಗಿ
'ದಯವಿಟ್ಟು ನನ್ನ ಮಗನಿಗೆ ಅಂಕಗಳ ಹುಚ್ಚು ಹಿಡಿಸಬೇಡಿ, ಉತ್ತಮ ಪುಸ್ತಕಗಳಿಗೆ ಉಪಚರಿಸಿ',
ಎರಡನೆಯದಾಗಿ, 'ಜೀವನ ಬಹಳ ಸುಂದರವಾಗಿದೆ ಎಂದು ಹೇಳಿಕೊಡಿ,
ಪ್ರತಿಕ್ಷಣದಲ್ಲಿ ಖುಷಿಯನ್ನು ಅನುಭವಿಸುವ ಮನಸ್ಸನ್ನು ಹುಟ್ಟಿಸಿ', ಮೂರನೆಯದಾಗಿ
'ನಾನು ನನ್ನ ಮಗನನ್ನು ಉತ್ತಮ ಮನುಷ್ಯನಾಗಿ ನೋಡಬಯಸುತ್ತೇನೆ, ನೀವೂ ಆ ನಿಟ್ಟಿನಲ್ಲೇ ಪ್ರೇರೇಪಿಸಿ',
ಕೊನೆಯದಾಗಿ, ಸಾಧ್ಯವಾದರೆ ಪ್ರಕೃತಿಯಲ್ಲಿ ಕಳೆದು ಹೋಗುವುದನ್ನು ಹೇಳಿಕೊಡಿ.
ಸುರಿಯುವ ಮಳೆಯಲ್ಲಿ ನೆನೆಯುವ, ಚಿಟ್ಟೆಗಳ ಅಂದವನ್ನು ಆನಂದಿಸುವ, ಹಾರುವ ಪಕ್ಷಿಗಳನ್ನು ನೋಡುವ,
ಸಾಲಾಗಿನ ಡೆಯುವ ಇರುವೆಗಳ ಶ್ರಮವನ್ನು ಅನುಭವಿಸುವ,
ಬೀಜಮಣ್ಣಿನಲ್ಲಿ ಮೊಳೆ ತುಗಿದವಾಗಿ ಬೆಳೆದು ಹಣ್ಣು ನೀಡುವ ತನಕ ಕಾಯುವ ಕುತೂಹಲವನ್ನು ಬೆಳೆಸಿ'
ಎಂದನು.

ಆತಂದೆ ನುಡಿದ ಎಷ್ಟೋ ಸಾಲುಗಳು ಅದೇ ಕೋನದಲ್ಲಿ ಅಂತರ್ಗತವಾಯಿತೆಂದು ಭಾಸವಾಯಿತು.
ನಮ್ಮ ತಲೆಮಾರಿನವರು ಕಳೆದ ಬಾಲ್ಯದ ದಿನಗಳು ನನ್ನ ಕಂಗಳ ಮುಂದೆ ಬಂದ ಹಾಗೆ ಅನುಭವವಾಯಿತು.
ನಮ್ಮ ಜೀವನದ ಅಧ್ಯಾಯದಲ್ಲಿ ಎಂದೂ ನಿತ್ಯ ಹರಿದ್ವರ್ಣದಂತೆ ಕಂಗೊಳಿಸುವ ಘಟ್ಟ ಬಾಲ್ಯ.
ಮುಂದಿನ ಭಾಗದಲ್ಲಿ ನಾವು ಕಳೆದ ಬಾಲ್ಯದ ದಿನಗಳ ಬಗ್ಗೆ ಒಂದಷ್ಟು ಮೆಲುಕು ಹಾಕೋಣ...
ನೆನಪಿನ ಬುತ್ತಿಯಿಂದ ಒಂದೊಂದೇ ರತ್ನಗಳನ್ನು ಹೊರತೆಗೆಯುವ ಪ್ರಯತ್ನ ಮಾಡೋಣ.

ಬೇಸಿಗೆರಜೆ ಮತ್ತು ದಸರಾರಜೆಯಲ್ಲಿ ಮಾಡುತ್ತಿದ್ದ ಮಜಾಬಹುಶ: ಯಾರೂ ಮರೆಯಲು ಸಾಧ್ಯವಿಲ್ಲ.
ಅಜ್ಜಿ ಮನೆಯ ಅಂಗಳದಲ್ಲಿ ಆಡಿದ ಹೊರಾಂಗಣ ಕ್ರೀಡೆಗಳಾದ ಕುಂಟಾಪಿಲ್ಲೆ, ಶೀಲಂಪಟ್ಟಿ, ಮರಕೋತಿ,
ಗಂಟಾಟ, ಟಿಕ್ಕಿ, ಲಗೋರಿ, ಕಲರ್‌ಕಲರ್‌ವಾಲ್ಟಲರ್?, ಕಣ್ಣು ಮುಚ್ಚಿ, ಕಬಡ್ಡಿ, ಖೋಖೋ,
ಕ್ರಿಕೆಟ್ ತಾದೆ ಆಟಗಳಿಂದ ದೊರಕುತ್ತಿದ್ದ ಆನಂದ ಅಪರಿಮಿತ.
ಮಳೆ ನೀರಲ್ಲಿ ತೋಯ್ದು ಒದ್ದೆಯಾದಾಗ ಒಂದು ಖುಷಿ ಆದರೆ ತೋಟದ ನಡುವಿನ ಕೊಳದಲ್ಲಿ ಹಾವು-
ಕಪ್ಪೆಗಳ ಭಯದಲ್ಲೂ ಈ ಜುಕಲಿಯುವ ಸಂಭ್ರಮ ಇನ್ನೊಂದು. ಊಟ,
ಸ್ನಾನ, ನಿದ್ರೆಯ ಸಮಯ ಬಿಟ್ಟರೆ ಬಾಕಿ ಸಮಯವೆಲ್ಲ ಮನೆಯ ಹೊರಗಡೆಯೇ ಇರುತ್ತಿದ್ದವು.
ಅಪರೂಪಕ್ಕೂ ಮೈ ಆಡುವ ಒಳಾಂಗಣ ಕ್ರೀಡೆಗಳು ವೈವಿಧ್ಯಮಯವಾಗಿದ್ದವು. ಚೆನ್ನಮಣೆ, ಹುಲಿ-ಕುರಿ,
ಹಾವು-ಏಣಿ, ಚೌಕಾಬಾರಾ, ಪಗಡೆ ಆಟ, ಕವಡೆಗಿಚ್ಚಿ ಆಟ, ಕೇರಂ, ಚೆಸ್,
ರಮ್ಮಿ ಹೀಗೆ ಉದ್ದಪಟ್ಟಿ ಈ ಆಟಗಳಿದ್ದು. ಸಂಜೆಯಾಯಿತೆಂದರೆ ತುಳಸಿ ಕಟ್ಟೆಯ ಮುಂದೆ ದೇವರಸ್ತೋತ್ರ,
ಭಜನೆ ಗಂಟೆಗಟ್ಟಲೆ ನಡೆಯುತ್ತಿತ್ತು. ಮಕ್ಕಳೆಲ್ಲ ಸೇರಿ ಕಟ್ಟಿಗೆಯಲ್ಲಿ ಮನೆ ಕಟ್ಟುವುದು, ನಾಟಕ ಮಾಡೋದು,
ಹಾಡು ಹೇಳುವುದು, ಕೆಲವೊಮ್ಮೆ ನಿಶ್ಯಬ್ದವಾಗಿ ಉತ್ತಮ ಪುಸ್ತಕಗಳನ್ನು ಓದುವುದು ಹೀಗೆ ವಿಧ-
ವಿಧವಾದ ಮನೋರಂಜನೆಯಲ್ಲಿ ಸಮಯ ಸರಿಯುವುದರ ಅರಿವೇ ಇರುತ್ತಿರಲಿಲ್ಲ.
ಮಧ್ಯಾಹ್ನ ಹಿರಿಯರು ಕಿರುನಿದ್ರೆಗೆ ಜಾರಿದಾಗ ಮಕ್ಕಳೆಲ್ಲ ಎಳೆ ನೀರು ಕಿತ್ತು ಕುಡಿಯುವುದರಲ್ಲೋ,
ನೇರಳೆ ಹಣ್ಣನ್ನು ಆರಿಸುವುದರಲ್ಲೋ,
ಗೇರು ಬೀಜ ಹಕ್ಕುವುದರಲ್ಲೋ ಅಥವಾ ಮಾವಿನ ಹಣ್ಣುಗಳನ್ನು ಆರಿಸುವುದರಲ್ಲಿ ಮಗ್ನ. ಪೇಪರ್‌ದೋಣಿ,
ರಾಕೆಟ್, ವಿಧವಿಧ ಹೂಗಳು, ಕುಂಕುಮ - ಅರಿಶಿನ ಬಟ್ಟಲು, ರಂಗೋಲಿ ಅಭ್ಯಾಸ, ಗೋರಂಟಿ ಸಂಭ್ರಮ,
ತೆಂಗಿನ ಗರಿಗಳ ವಾಚು, ಕನ್ನಡಕ..... ಆಹಾ ! ಎಂಥ ಸಂತಸದ ದಿನಗಳು.

ಭಾನುವಾರವೆಂದರೆದೂರದರ್ಶನಡಿಡಿವಾಹಿನಿಯನಿರಂತರಮನೋರಂಜನೆ. ರಂಗೋಲಿ, ಬೋರ್ನಿವಿಟಾರಸಪ್ರಶ್ನೆ, ಜ್ವಾಲಾ, ಚಂದ್ರಕಾಂತ, ರಾಮಾಯಣ, ಮಹಾಭಾರತ, ಶ್ರೀಕೃಷ್ಣಹೀಗೆಹತ್ತಾರುಧಾರಾವಾಹಿಗಳು. ಕೊನೆಗೆಕನ್ನಡದಲ್ಲೊಂದುಸಿನಿಮಾ. ಗ್ಯಾಪ್ಪಲ್ಲಿಬಾಡಿಗೆಸೈಕಲ್ವಿಹಾರಅಗಾಧಮಜಾನೀಡುತ್ತಿತ್ತು. ಜಗಳ -ಕಿತ್ತಾಟ, ವ್ಯಂಗ್ಯ, ಅಳು, ಭಯ, ಕಷ್ಟಎಲ್ಲದರನಡುವೆಯೊಂದುಕುತೂಹಲ, ಕಾತರತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ನೆಮ್ಮದಿಮತ್ತುಖುಷಿಇದ್ದನಮ್ಮಬಾಲ್ಯದದಿನಗಳವು. ಯಾವುದೇಒತ್ತಡವಿಲ್ಲದೆ, ಜವಾಬ್ದಾರಿಯಸಂಕೋಲೆಯಿಲ್ಲದೆ, ಸ್ವಚ್ಛಂದವಾಗಿಹಕ್ಕಿಯಂತೆಹಾರಾಡಿದದಿನಗಳವು. ಆಧುನಿಕತೆಯಅಧಿಪತ್ಯವಿಲ್ಲ; ಸಿಂಪಲ್ಆದರೂಸಿಹಿಯಾಗಿದ್ದ, ಸುಖವಾಗಿಕಳೆದಬಾಲ್ಯದದಿನಗಳವು. ಕಾರು- ವಿಮಾನಗಳಪಾರುಪತ್ಯವಿಲ್ಲದೇಕೆಂಪುಬಸ್ಸಿನಲ್ಲಿವಿಹರಿಸಿದದಿನಗಳವು. ಇಂದಿನಮಕ್ಕಳಿಗೆಇಂಥಬಾಲ್ಯಸಿಗುತ್ತಿದೆಯೇ? ಕೆಲವುಮಕ್ಕಳಿಗೆಆಡಲುಮನೆಯಹೊರಗೆಜಾಗವೇಇಲ್ಲ. ಜಾಗಇದ್ದವರಿಗೆ, ತಂದೆ- ತಾಯಿಆಡಲುಕಲಿಸುವುದಿಲ್ಲ. ಅಂದಿನಬಾಲ್ಯದಲ್ಲಿಹೋಮ್ಸ್ಕರ್ಒತ್ತಡವಿರಲಿಲ್ಲ, ಅತೀಕಾಳಜಿಮಾಡುವಅಪ್ಪ-ಅಮ್ಮಂದಿರೂಇರಲಿಲ್ಲ. ದುಡ್ಡಿನದೌಲತ್ತುಇರಲಿಲ್ಲ. ಗೂಗಲ್ಅಮ್ಮಳಸಾಮ್ರಾಜ್ಯವಿರಲಿಲ್ಲ. ಇಂಟರ್ನೆಟ್ಸ್ಮೃತಿಇರಲಿಲ್ಲ. ವಾರಕ್ಕೊಮ್ಮೆಸಿಹಿತಿಂಡಿ, ಒಂದುಸಿನಿಮಾ, ಒಂದುಧಾರಾವಾಹಿ, ವರ್ಷಕ್ಕೊಮ್ಮೆಪಿಕ್ಚರ್, ಹೋಟೆಲ್ಊಟ, ಎರಡುಹೊಸಬಟ್ಟೆ, ಒಂದೆರಡುಆಟಿಕೆ.ಈಸಂದರ್ಭಗಳಿಗೆಕಾಯುತ್ತಿದ್ದನಮ್ಮಮನಸ್ಸಿನಖುಷಿಬಣ್ಣಿಸಲಸದಳ. ಇಂದಿನಮಕ್ಕಳಿಗೆಅವರುಬಯಸುವಪ್ರತೀವಸ್ತುವೂಕೇಳುವಮೊದಲೇಲಭಿಸುತ್ತಿದೆ. ಅಗತ್ಯಕ್ಕಿಂತಹೆಚ್ಚಾದಪೂರೈಕೆಯೂಇದೆ. ಬೇಡಿಕೆಈಡೇರಿಸುವಕೈಗಳೂದೊಡ್ಡದಾಗಿವೆ. ಇದರಿಂದ, ಇಂದಿನಹೊಸಬಟ್ಟಿನಾಳೆಯೇಹಳೆಯದಾಗುತ್ತಿದೆ, ಇವತ್ತಿನಹೊಸಆಟಿಕೆನಾಳೆಯೇಬೇಡವಾಗುತ್ತದೆ. ಕಾತುರತೆಯಲ್ಲಿರುವಮಜವೂಮಾಯವಾಗುತ್ತಿದೆ. ಇಂದಿನಬಾಲ್ಯದಲ್ಲಿಎಲ್ಲವೂಇದ್ದರೂಖುಷಿಯಿಲ್ಲ, ಸಮಾಧಾನವಿಲ್ಲ, ತೃಪ್ತಿಯಿಲ್ಲ, ತಾಳ್ಮೆಯಿಲ್ಲ, ಅನುಭವಿಸುವಮನಸೇಇಲ್ಲ. ಕೊನೆಯಲ್ಲಿಉಳಿಯುತ್ತಿರುವುದುಕೇವಲಒಂಟಿತನ.

ನಮ್ಮಬಾಲ್ಯಕಾಮನಬಿಲ್ಲಿನಷ್ಟುವರ್ಣರಂಜಿತ, ಶುಭ್ರಆಕಾಶದಷ್ಟುವಿಶಾಲ, ಮಳೆಯನೀರಿನಷ್ಟುನಿರ್ಮಲಮತ್ತುಮಲ್ಲಿಗೆಯಷ್ಟುಕಂಪು. ಅಲ್ಲಿದ್ದದ್ದುಬರೀಕುತೂಹಲ, ಹೋರಾಟ, ಲವಲವಿಕೆ, ಉತ್ಸಾಹಮತ್ತುಭಾವನಾತ್ಮಕತೆ. ಇಂದಿನಬಾಲ್ಯದಲ್ಲಿರುವುದುಕೇವಲಯಾಂತ್ರಿಕತೆ. ನಾವುನಮ್ಮಬಾಲ್ಯದಕೆಲವೊಂದುಅಧ್ಯಾಯಗಳನ್ನಾದರೂನಮ್ಮಮಕ್ಕಳಮುಖಾಂತರಮುಂದಿನಪೀಳಿಗೆಗೆ ಉಡುಗೊರೆಯಾಗಿ ನೀಡಬೇಕುಎಂಬುದುನನ್ನಪುಟ್ಟಆಶಯ. ನಾವುಕಂಡಕಾಮನಬಿಲ್ಲಿನಕೆಲವುಬಣ್ಣಗಳನ್ನಾದರೂಅವರಬದುಕಿಗೆಸೇರಿಸುವಪ್ರಯತ್ನನಾವುನಮ್ಮದೇ ರೀತಿಯಲ್ಲಿಮಾಡೋಣಅಲ್ಲವೇ?

ಡಾ. ರಂಜನಾರಾನಡೆಮಯ್ಯ
ಸಹಪ್ರಾಧ್ಯಾಪಕರು
ರೋಗಲಕ್ಷಣಶಾಸ್ತ್ರ,
ಜೆ. ಜಿ. ಎಂ. ಮೆಡಿಕಲ್ಕಾಲೇಜು, ಹುಬ್ಬಳ್ಳಿ



Dr. Muktha R Pai - Interview

Dr. Muktha R. Pai

Consultant Onco-Pathologist
Mangalore Institute of Oncology



Dr. Muktha R Pai is an accomplished pathologist with 35 years of clinical and teaching experience at prominent medical institutions in Karnataka such as Kasturba Medical College, Father Muller Medical College and A.J. Institute of Medical Sciences and Research Centre. She was the Professor & Head of Department of Pathology at A.J. Institute of Medical Sciences and Research Centre, Mangalore. Dr. Muktha R Pai is a life member of Indian Medical Association (IMA), Indian Academy of Cytologists (IAC), and Indian Association of Pathologists and Microbiologists (IAPM), and previously was the president of the SK unit of KCIAPM. She has published several research papers in a number of prestigious journals and has delivered keynote presentations at medical conferences across South India.

Dr. Prajna K. Shetty : Good morning mam. What is Pathology to you?

Dr. Muktha R Pai : If you ask me now pathology is my lifeline. I have understood the role of pathologist in the medical field. Many silent killers are exposed by the pathologists thereby their role as a detective is very much desired in the field of medical management as a vital part of any patient care team.

But then in 1980s, when I joined as a post graduate, things were different. It was just a place where you are there like a shop keeper cater the results of blood count, Reports on histopathology and cell counts in body fluids. There was no quality control on what you have diagnosed. It was considered that Pathology, the subject for relaxation. No emergency, no active patient care. Sitting with our best friend the microscope our obligate life partner.

Hence mostly women graduates and those who do not have practical skills chose Pathology for postgraduation.

Dr. Prajna K. Shetty : How do you describe your journey as a pathologist?

Dr. Muktha R Pai : My journey is not only as a pathologist but equally as an academician working in various institutions over 30 years. Pathologist has a greater responsibility as a teacher to mould the students and make them understand why pathology and What is its role in clinical medicine. It was a herculean task initially in pre computer era and it became easier for understanding the hidden concepts on the advent of Internet, various electronic devices and further advances in Medical education. With the advances in the laboratory armamentarium like automation, application of Immunohistochemistry in the diagnostic field has become more challenging. At the far end of my career I realized the back bone of pathology are the residents who give life to the slides. Discussion with them, teaching programs on recent advances has kept us updated and abreast with developments in the various fields.

Dr. Prajna K. Shetty: Was Pathology your choice or option?

Dr. Muktha R Pai: Of course it is not sought out branch for specialization for all including me. One has to glue to the microscope and deal with dead specimens , blood products etc. . But to maintain equilibrium in life and career in Pathology postgraduation was ideal.

Dr. Prajna K. Shetty: What is your advice to post graduates?

Dr. Muktha R Pai : You have to start studying from day one and get interested in the subject, Post graduate programs, discussions and microscope viewing.

Dr. Prajna K. Shetty : How according to you should a post graduate spend 3 years ?

Dr. Muktha R Pai : There are various post graduate programs and teachers to guide you. Work sincerely and work hard. Theory and practicals should go hand in hand.

Dr. Prajna K. Shetty: How was your Post graduate days?

Dr. Muktha R Pai : We had few books and a microscope. No computers , internet, Master Google. Hence for us teachers were truly beacons for understanding pathology. They inspired and encouraged us. Hence the bond between teacher and students used to be very strong. Life was very hard as most of the data entry and seminars were hand written or typed. But Medical science was not so much advanced and intricate then.

Dr. Prajna K. Shetty: In this modern era of molecular pathology,what is the role of histomorphology.

Dr. Muktha R Pai : As in Anatomy and histology nothing has changed, nothing will change, without understanding the location and nature of changes in pathology in different tissues. Molecular diagnostics do not help a person. Histomorphology is gold standard for understanding changes in the tissues.



Interviewed by

DR. PRAJNA K. SHETTY

Assistant Professor, Department of Pathology,

KLE Jagadguru Gangadhar Mahaswamigalu

Moorsavirmath Medical College (JGMMC)

an constituent unit of KAHERs, Hubballi

Dr. Deepti Pruthvi - Interview

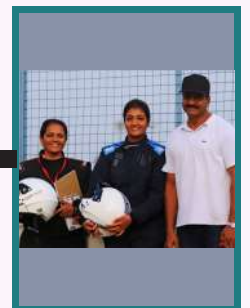
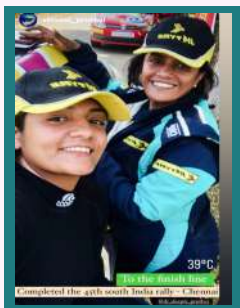
Dr. Deepti Pruthvi

Professor, Pathology
SS Institute of Medical Sciences and
Research Centre, Davangere



Dr. Deepti Pruthvi, is currently working as a Professor of Pathology at SS Institute of medical sciences and research Centre, Davangere. Well known as - Doctors during weekdays, rally drivers over the weekend!, Speed with a scalpel surgically dissecting motor racing in India, between scrubs and the solid race gear lies the Mother – daughter rally racing duo - Dr. Deepti Pruthvi and her daughter Dr. Shivani, presently pursuing M.S orthopedics at Rajarajeshwari medical college, Bengaluru, have forayed the male dominated field of racing and have won several podiums in racing together. They were the only all women pair to compete at the first round of the rally championship conducted at Chennai's Madras Motor racetrack.

It was a privilege to interview Madam. Let us hear it from her



Dr. Archana Shetty : Good Evening Ma'am. How did you become a part of the race and rally? A rare connect. What is the inspiration for your venturing into the – need for speed?

Dr. Deepti Pruthvi : Though I ventured into motor racing when I turned 50 yrs, we belong to a racing family. My husband Mr B.S Pruthvi a well known name a rally racer recognized and sponsored driver from JK tyre industry. When Shivani was in 2nd year of her MBBS, she felt she needs to do something other than just studies to vent out the stress. During her holidays a track was laid down, Her father, Pruthvi was pretty impressed with her skills asked her to drive in an auto cross where she won a podium which lead to her many future ventures. But there was always the need of a navigator, Shivani being novice in racing none volunteered.

So we decided to gear up and start learning navigation with a lot of perseverance and hard work. The chemistry shared between us was a definite add on as it's a mom daughter combo. One of the most memorable experiences was in 2018 when I had a fall, injured by back just on the day of a major event. Shivani insisted as we had practiced a lot and not to give up we tried and managed to not only run the race but also managed to stand first.. Our Bollywood star Mr.Ranbir Kapoor awarding us the trophy was an icing on the cake. It is a different thing altogether later back home I was diagnosed with a L1-L2 disc compression fracture! She eventually moved to a fast racing category and has been winning trophies in the national front from then on there has been no looking back.

Dr. Archana Shetty : Advantages and disadvantage of being a part of female racing

Dr. Deepti Pruthvi : Actually we never have felt uncomfortable at any point over the years in the racing field. The drivers and the teams are extremely supportive and we have never been looked down upon. Most of the racers are from South India, mainly Bengaluru. Infact, there has been tremendous support and encouragement for us. The only disadvantage is at times it is challenging to juggle between work and racing, but it has never been a hindrance.

Dr. Archana Shetty : Tell us how do you find a connect and balance between pathology and racing ?

Dr.Deepti Pruthvi Actually, all of us need to do something other than our routine. Racing events usually are scheduled over the weekends, on weekdays in the college and hospital work as a pathologist that keeps me occupied. Also, racing is something that keeps all 3 of us connected as a family so racing trips to us is like what weekend trips are to all others. We enjoy it! The preparation that happens also helps me keep fit for my age.

Dr. Archana Shetty: Your message to all our readers who want to pursue our interest other than academics ?

Dr. Deepti Pruthvi : Just get up and get going. Nothing more than that When you I want to do it you will do it no matter what. I believe most pathologists are multitalented and there is nothing stopping us!

Dr. Archana Shetty : That was indeed inspiring! Thank you Maam for your time and giving us a sneak peek into your rally racing experiences which are a proof enough of how a desire to win and no looking back attitude can take us to !



Interviewed by
Dr. Archana Shetty

Professor, Pathology CDSIMER, Ramanagara

“What it means to be a Pathologist”

Dr M. Sakti Kannamma

3rd year Post Graduate,
Department of Pathology
IGMC & RI, Pondicherry



Pathology an intellectually endowed field that typically attracts “Thinkers” and “Problem solvers”. Without pathology Men of Medicine and Surgery are soldiers without arms. It is this pathology that provides a scientific foundation for medical practice. Becoming a pathologist entails one of the lengthiest education and training trails among all physicians.

We always enjoy the challenge of finding out, why a patient was ill and how their diagnosis was made and what is the most effective treatment given. We always have a fascination to a disease at cellular and molecular levels. We are required to have knowledge of virtually every disease process that can affect every organ in order to diagnose them. I was astonished, when I discovered that pathology encompassed areas ranging from molecular diagnosis to clinical chemistry to Forensic pathology. We perform "monoact" in this dramatic medicine world switching over roles from anatomic pathologist to clinical pathologist to cytopathologist making us look back to the lines –“The entire world is a stage”.

When being anatomic pathologist we resolve diagnostic mysteries with expertise, while being a cytopathologist we adapt cognition through third dimension with a trained mind reconstructing the lesion by mentally recreating its spatial configuration. when under the cover of clinical pathology through broad array of testing and diagnostic procedures, we help medical fraternity to a greater extent.

Never do we expect a 9-5 job, with major chunk of our work greatly begins after 5, especially in histopathology. Though burning our eyes the full day ,we still begin our work with full zeal and enthusiasm late in the evening where only our sole companion- "slides" (man behind the mystery) could serve a relishing, delightful feast!!!!.We are invariably addicted to formalin instead of caffeine. We may not be excellent Pubg players but we always love playing with cells and fighting with nerves. We ultimately serve the bridge between all departments .

The greatest con of being a pathologist is all reports are in black and white and all tissue blocks are stored indefinitely. So the mistakes we make can come back to bite us anytime. We also face the challenge of keeping pace with our growing field as rapidly as our technologies evolve.

Above all we are in derth of words to describe the joy of arriving at a diagnosis which no one suspected like Sherlock holmes. The pleasure of delivering the final diagnosis gives the ultimate feel of delivering the final verdict. However, it is important to remember that behind every blood tube or histopathology slide there is a patient who is counting on us to make a correct diagnosis. It is ultimately pathology that gives a direction to the management plans our clinical colleagues develop .

Our service is helpful not only for patients, but also for our fellow medicos when they are sued in the court of law. Not only us but also our slides follow the code word –Truth alone Triumphs. We are a proof that, it's not only the stethoscope but microscope too saves people.

We ultimately take the pride of being “Doctor of the Doctors”

What Pathology means to me?

Dr. Vivek Peter Goswami
2nd year Post graduate student
St. John's Medical College, Bengaluru



When I was a young boy, I used to see my father in a dark room using an illuminated lamp with a two eye-piece which always caught my attention. One day while he was away, I pick up a fallen leaf in the garden outside and place under the lens of this remarkable instrument. To my surprise, the detailed picture that I saw, mesmerized me and slowly became a hobby of mine.

It was only until I finished my compulsory rotatory internship did I see and understand what a pathologist does and the role they play in diagnostics. Reminds me of an assistant coach in a football team. To decide what must be done next, whom to substitute, where to play, how to play and so on. Similarly, a pathologist without who's guidance, loss would be imminent.. One who is silently sitting back, no fame or glamour and yet vital to the team and coach.

I am proud to be a pathologist and admire the vast knowledge they possess.

Humble as they come, silent as they seem but when heard, the last word it will be.

“Happy International Pathology Day”

Pathologists' Probe's Parasites

Dr Anita P Javalgi
Professor, Dept., of Pathology
SDMCMSH
SDM University, Dharwad



“Stay away from lazy parasites, who perch on you just to satisfy their need, they do not come to alleviate your burdens, hence, their mission is to distract, detract and extract, and make you live in abject poverty.”

By Michael Bassey Johnson

Parasites: A visible organism among majorly invisible world of organism. They get access through human body and cause infection by producing pathogen and manifesting as a disease.

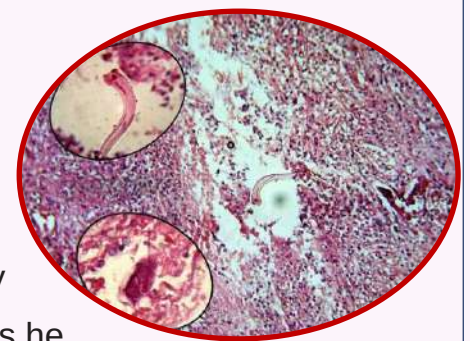
Here are some stories which travelled through to different place from different people and reached my desk.

Story of Intestinal Parasites.

These parasites travelled through soil & some through meat and reached GUT and made a way to travel through major OT and few through minor OT and, then through histopathology laboratory and dressed up in colours, sleeping on slide and hiding in cover slip reached my desk.

“Yeh safer hai suffering”

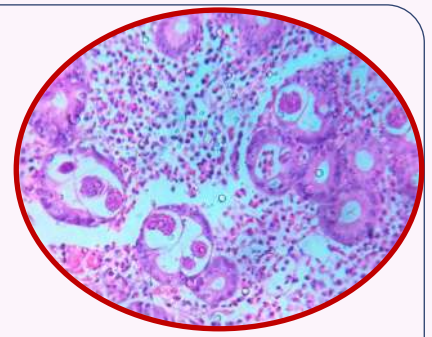
Tale 1 (Year 2011): 8year old boy presented with pain abdomen for 4 days with fever, vomiting and diarrhea for 2 days. Past h/o of altered colored stools. O/E Patient was drowsy, irritable, febrile and showed mild abdominal distention. Case taken for emergency laparotomy and gangrenous bowel removed. Surgeon wondered as he couldn't figure out the cause for gangrene. Pathologist is always there to find answer for all queries surgeon have.



Histopathology examination of gangrenous bowel did confirm gangrene and the cause of gangrene. There was extensive mucosal ulceration with ischemic necrosis involving mucosa, submucosa and muscularis. Occasional hookworm(adult) and its ova seen embedded within the submucosa and mucosa with intense eosinophil, polymorphs and lymphocytes infiltrate.

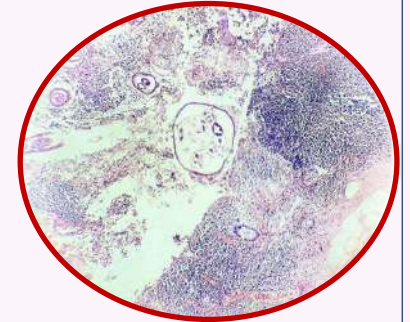
A case of Hookworm (Ancylostoma Duodenale).

Tale 2 (Year 2018): 38year old man comes to OPD with pain abdomen and altered bowel habits. Basicinvestigation is within normal limits. Gastroenterologist had a scope view and did a duodenal biopsy. Histopathology examination showed beautiful eggs and larva in the duodenal mucosal glands with eosinophilic infiltration.



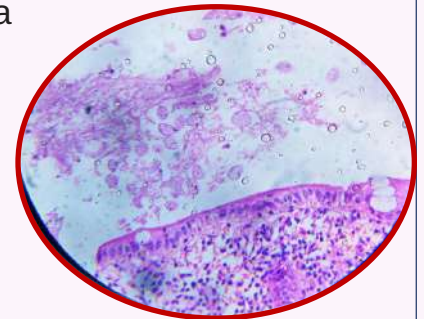
A case of Strongyloides Stercoralis Duodenale.

Tale 3 (Year 2019): 16yr old boy with nausea,vomiting and severe acute abdomen with tenderness in right iliac fossa undergoes emergency appendectomy. Histopathological examination showed inflamed appendix with hallmark of neutrophils and eosinophils infiltration and eggs and larvae in lumen.



A case of Enterobiasis Vemicularis

Tale 4 (Year 2021): 65yr old man had fever, abdomen pain and diarrhea with occasional bleeding per rectum. Patient underwent colonoscopy, found ulcers in colon and biopsy was taken from ulcer edge. Histopathological examination revealed inflammation of colon with ulcer covered with necrotic material, fibrin, inflammatory cells and Trophozoites of E histolytica.



A case of Amebic colitis (Entamoeba histolytica)

Moral of the story

- Parasites just find a way to travel through and trouble you.
- Eosinophils are our main defence.
- Tissue showing eosinophils in huge number, look for parasites, dig deeper and deeper and probe.
- Parasites infestation / infection are treatable.
- Pathologist plays a HERO (Key role)to find these in tissue and help a clinician.

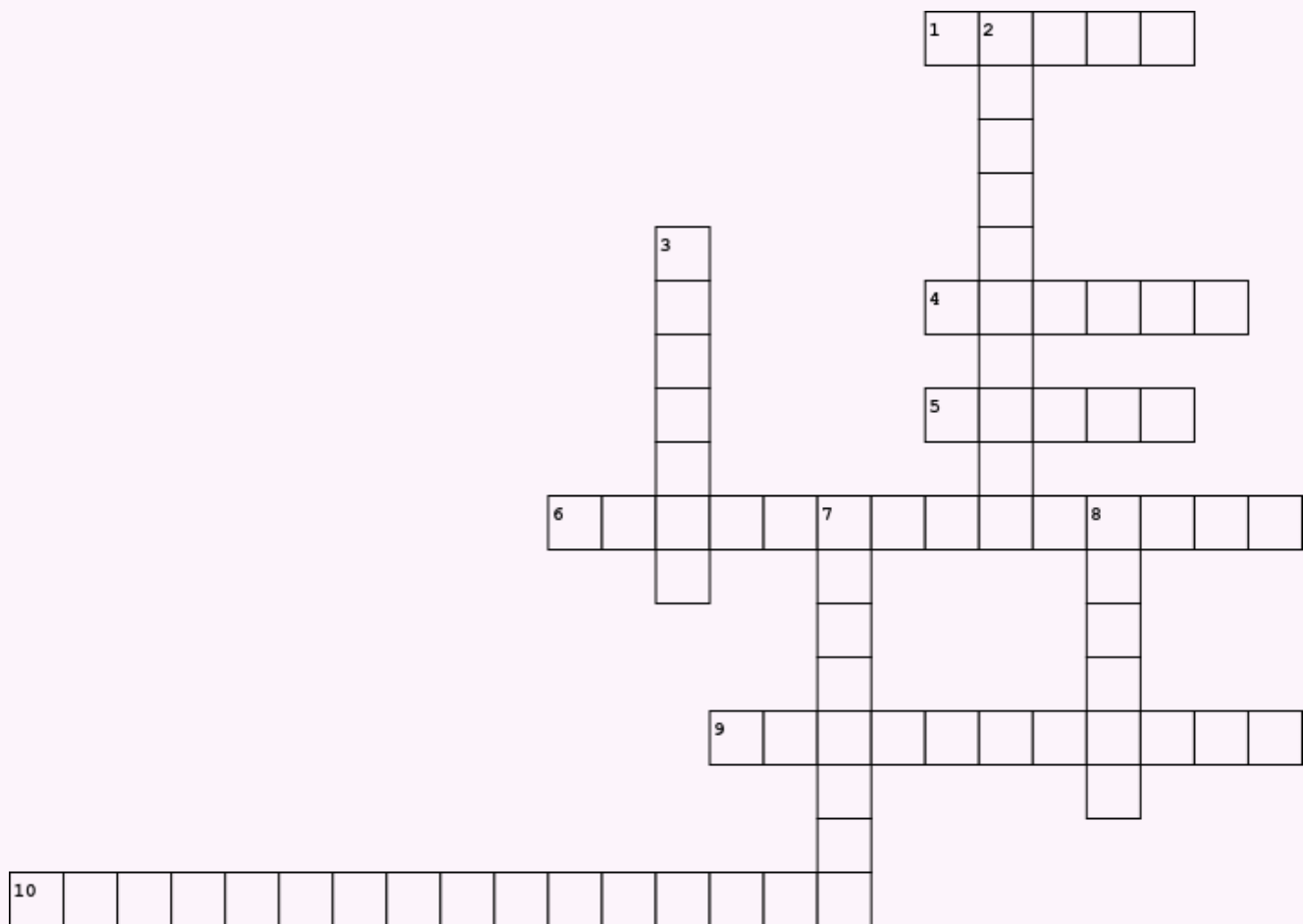
Cross Path by Dr. Prajna K Shetty

Dr. Prajna K. Shetty

Assistant Professor, Department of Pathology,
KLE Jagadguru Gangadhar Mahaswamigalu
Moorsavirmath Medical College (JGMMC)
an constituent unit of KAHERS, Hubballi



'Think and Ink', its all about Saga of Syndromes



Across

- 5 Hearing loss, lenticonus, basket weave appearance-kidney
- 7 Macroglossia, omphalocele
- 9 Intestinal polyps, cotton-wool appearance of jaws
- 10 Easy bleeding, seizures, recurrent infection

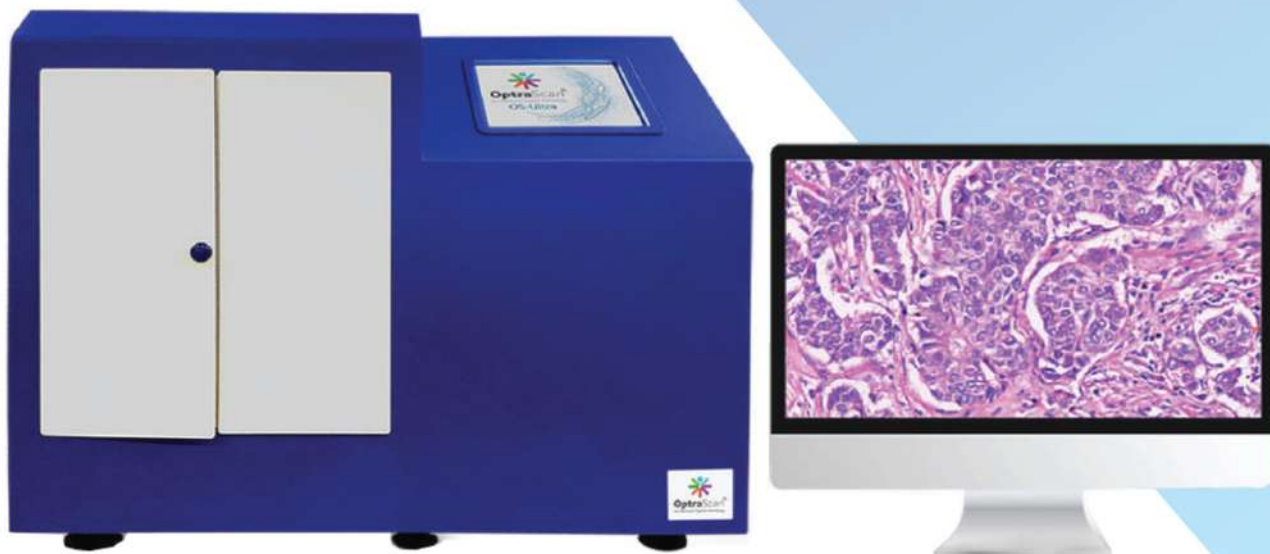
Down

- 1 SBLA syndrome
- 2 Patchy skin aplasia, fat nodules in the skin, syndactyly
- 3 Bleeding, autosomal recessive
- 4 Fibroma, ascites, pleural effusion
- 6 Cardiac abnormality, webbed neck, infertility
- 8 Intellectual disability, happy demeanour

1. Litraumeni | 2. Goltz-gorlin | 3. Bloom | 4. Meigs | 5. Alport | 6. Turner
7. Beckwith-Wiedemann | 8. Angelman | 9. Gardner | 10. Chediak-Higashi

OS-Ultra









Improving Patient Outcomes With Affordable
and Easy To Implement Digital Pathology Solutions








Create high resolution digital images within seconds and achieve greater efficiency.

Slide Capacity:	80/ 160/ 240/ 320 /400/ 480
Scanning Speed:	30 sec at 20x, 60 sec at 40x for 15 x 15 mm tissue area
Magnification:	20x (SD) or 40x (HD) (Digital zoom upto 60x)

Key Benefits :

-  Unparalleled image quality for histology and cytology samples
-  Patented composite imaging ensuring 99% in-focus slide images
-  Automated tissue detection
-  Walk-away automation
-  Add, remove, and re-prioritize slides without disturbing scanning process
-  Multi-Site collaboration
-  QR code, 1D, 2D and 3D barcode recognition
-  Cloud-enabled with instant cloud-loading capability

Features:

-  Continual slide loading
-  Ability to handle slides of varying formats – 1"x3" and 2"x3"
-  Real time auto focus and Z-Stack functions
-  IMAGEPath image management system included for viewing, storing & archiving
-  TELEPath Telepathology included for real-time remote consultations

Technical Specifications

• Imaging Mode:	Brightfield
• Light Source:	LED
• Focusing Technique:	Real time auto-focus
• File Format:	JPEG2000, TIFF, SVS, MRXS, CZI, NDPI
• Scan Modes:	Normal (Real-time auto-focus) / High Precision (High precision auto focus) EDF (Extended Depth of Field) / Z-Stack (Three-Dimensional Stacking)
• Resolution:	0.50 µm/pixel at 20x, 0.25 µm/pixel at 40x
• Storage :	Local Network / Cloud
• Dimensions & Weight :	Approximate Width - 23", Length - 36", Height - 26", Weight - 220lbs
• Image Storage Space:	300 - 400MB at (20x), 600 - 800MB at (40x) for 15x15mm tissue
• Barcode Support:	QR code, 1D, 2D and 3D barcode recognition
•	Capable of bi-directional interface with LIMS/HIS
•	Loaded slides scanning sequence can be rescheduled as per user priority

IMAGEPath

Web-based Image Management and Viewing

- Image sharing, collaboration and storage security
- Pan, zoom, annotate, generate reports
- User authentication and "role-enabled" access
- Image analysis plug-in available
- Audit trail functionality



TELEPath®

Real-time Digital Conferencing

- Real-time sharing/collaboration
- Interactive chat



OptraASSAYS Image Analysis

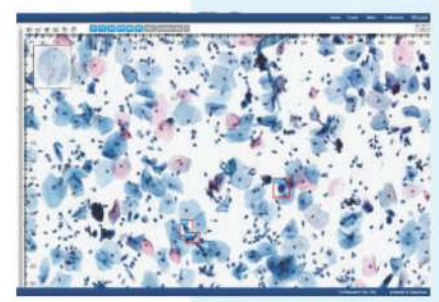
AI & ML based Image Analysis Solutions

- Turnkey analysis of ER, PR, HER2/neu, Ki-67, PD-L1
- IHC multiplexing assays
- Accurate, rapid & reproducible assessment
- Additional algorithms available with user configuration
- Biomarker quantification using nuclear, membrane & cytoplasmic stains



Cytology Image Analysis

- Automated computation of sample adequacy for the whole slide cytology image
- Identification of abnormal cells and other entities based on morphological features and AI based classification
- Identification of reactive, endometrial, actinomyces, candida, clue cells, trichomonas vaginalis, and herpes entities
- Identification of entities including blood, inflammation, and lubricant



KCIAPM Academic Activities

Slide Seminar: 3rd KCIAPM Slide Seminar for the year 2022 was organized virtually by R V Metropolis Laboratory, Bengaluru on 27th August 2022 and conducted by Dr Ravkumar H N, Dr Vani Ravikumar and Dr K V Santosh. 8 PGs from across the state presented the cases and Dr Rohit Kumar Jha from BIMS, Belgaum was awarded " Best Case Presentation "

Path Webinar: Dr. Sunil Jaiman Assistant Professor, Perinatology Research Branch Department of Pathology Wayne State University School of Medicine, Detroit, Michigan, USA delivered the KCIAPM PathWebinar on the topic " Maternal Vascular Malperfusion lesions of placenta" on 17th September, 2022.

KCIAPM PathWebinar for October was delivered on the topic "Diagnostic Approach to Soft tissue tumors" by Dr. Anuradha C K Rao Professor Dept of Pathology Yenepoya Medical College Yenepoya - a deemed to be University, Deralakatte, Mangalore On 15th October.

International Pathology Day

To mark the occasion of International Pathology Day on 9th November, 2022, Social Media Subcommittee of KCIAPM Conducted a Panel Discussion with eminent pathologists Dr Jayaram N Iyengar, Dr Vani Ravikumar, Dr Vidya M N, Dr Umashankar T and Dr Mahesh Karigoudar on the topic –"Pathology Backbone of clinical medicine."



KCIAPM INTERACTIVE SLIDE SEMINAR August, 2022



27th August, 2022
2:00 - 4:30 PM

RV

METROPOLIS
The Pathology Specialist



Live on KCIAPMSoMe YouTube Channel
Brought to you by Social Media Subcommittee

KCIAPM



International Pathology Day 2022

Panel Discussion : Pathology - Backbone of clinical medicine

Moderator



Dr Archana Bhat,
Associate Professor,
FMMC, Mangalore

Panelists



Dr Jayaram Iyengar
Managing Director,
Neuberg Anand
Reference Laboratory
Bengaluru



Dr Vani Ravikumar,
Sr Consultant
Pathologist,
RV Metropolis,
Bengaluru



Dr Vidya M N,
Lead Consultant
Histopathology,
Aster Reference Lab ,
Bengaluru



Dr Umashankar T,
Prof and Head,
FMMC,
Mangalore



Dr Mahesh Karigoudar
Consultant Pathologist,
Karigoudar Diagnostic
Laboratory,
Vijayapura



9th November, 2022 - 7 to 8 PM



Live on KCIAPMSoMe YouTube Channel
Brought to you by Social Media Subcommittee

International Pathology Day Celebrations

**Dr. Chandramma Dayananda Sagar Institute of
Medical Education and Research Ramanagara Karnataka**



**Adichunchanagiri Institute of Medical Sciences,
Nagamangala Taluk, B.G. Nagar, Mandya District, Karnataka**

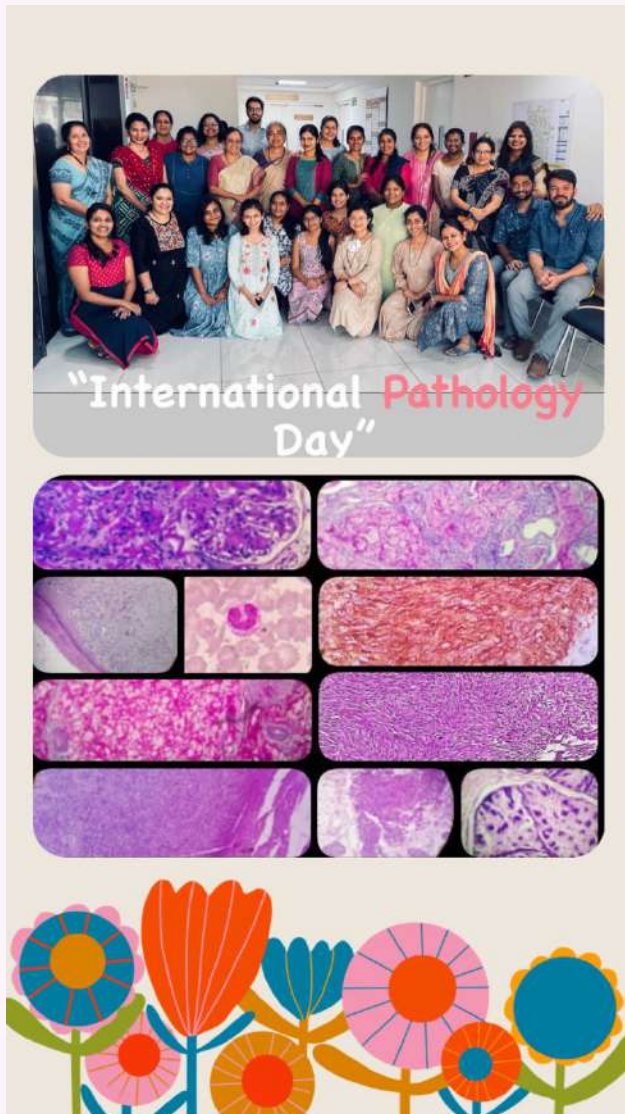


**ESIC, Rajaji Nagar, Bangalore, Medical College and Postgraduate
Institute of Medical Sciences**



International Pathology Day Celebrations

Kasturba Medical College, Mangalore



Mahadevappa Rampure Medical College, Kalaburagi



National Handloom Day Celebration

Kasturba Medical College, Manipal



Kempegowda Institute of Medical Sciences, Bangalore



East Point College of Medical Sciences, Bangalore



Father Muller Medical College, Mangalore



Jagadguru Gangadhar
Mahaswamigalu Moorsavirmath
Medical College Hubballi -
Unit of KAHER



Kasturba Medical College,
Mangaluru



Shri Dharmasthala
Manjunatheshwara
College of Medical Sciences and
Hospital, Dharwad



Kidwai Memorial Institute of
Oncology, Bengaluru



Photography Contest

Winners



FIRST PLACE

Dr. Ramya.T
Senior Resident,
Department of Pathology
Koppal Institute of
Medical Sciences, Koppal
**Stone Chariot of Hampi,
The Pride of Karnataka**



SECOND PLACE

Dr. V. Keerthana
Postgraduate Student,
Department of Pathology
Shimoga Institute of Medical
Science, Shimoga, Karnataka.
**Santebennur Pushkarani
stands tall and strong as our
pathology do.**



THIRD PLACE

Dr. Vibha Aithal A
Senior Resident,
Department of Pathology
Shimoga Institute of Medical
Science, Shimoga, Karnataka.

Other Entries



Honnavara Mirzan Fort

Dr. V. Keerthana

Postgraduate Student
Shimoga Institute of Medical Science,
Shimoga, Karnataka.



Ever Lasting Beauty of Indian Temple

Dr Manjunath T M

Pathologist in Satya Sai Sarala
Memorial Hospital.



Stone Chariot of Hampi, The Pride of Karnataka

Dr. Ramya.T

Profession - Pathologist
(Senior Resident)
College - Koppal institute of
Medical Sciences, Koppal



Pathology - " The Iron Lady " of Medicine.

Dr. M. Sakthi Kannamma

Profession: Final yr Post graduate,
Department of Pathology.
College: IGM&RI, Pondicherry.



**Evergreen HISTORY,
Evergreen PATHOLOGY**

Dr. Sanjana S K
Senior Resident,
Shimoga Institute of Medical Sciences



**Evergreen HISTORY,
Evergreen PATHOLOGY**

Dr. Sanjana S K
Senior Resident,
Shimoga Institute of Medical Sciences



Kavaledurga, Shivamogga

Dr Shweta Ghatapanadi
Senior Resident
Shimoga Institute of
Medical Sciences, Shivamogga



Bidar fort

Dr Shweta Ghatapanadi
Senior Resident
Shimoga Institute of
Medical Sciences, Shivamogga



Kappe Chennigaraya Temple, Belur

Dr Shweta Ghatapanadi
Senior Resident
Shimoga Institute of
Medical Sciences, Shivamogga



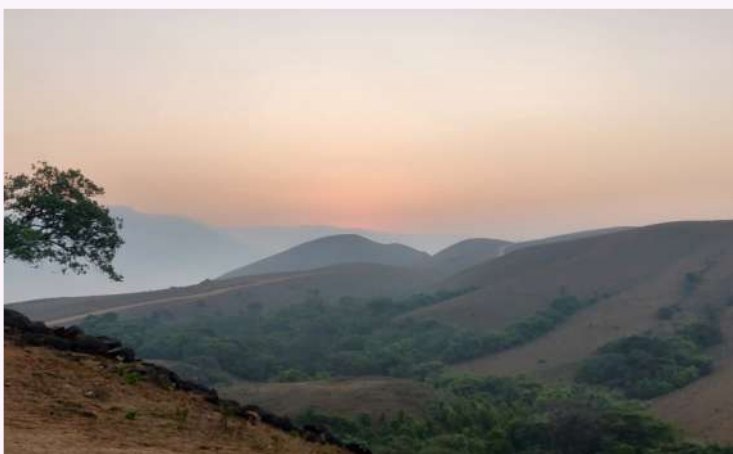
Kedareshwara Temple, Balligavi, Shimoga

Dr Shweta Ghatapanadi
Senior Resident
Shimoga Institute of
Medical Sciences, Shivamogga



Beauty of Symmetry Hoysala Temple Belavaadi, Belur, Hassan District

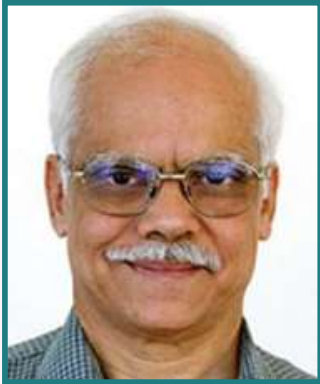
Dr Suma M.N
Associate Professor of Pathology
Kidwai Memorial Institute of oncology
Bangalore



Hues of Dawn Mandalapatti, Coorg

Dr Suma M.N
Associate Professor of Pathology
Kidwai Memorial Institute of oncology
Bangalore

Obituary



Dr. S. K. Shankar

(27.01.1947 - 05.09.2022)

We lost a huge stalwart in Neuropathology, Prof SK Shankar, on Teacher's Day this year. He served as the Head of the department of Neuropathology, Dean (Neurosciences) and in-charge Director/Vice Chancellor, NIMHANS, and later as Emeritus Professor, over a career spanning more than four decades in pathology and almost four decades in Neuropathology. He obtained his medical degree from Andhra Medical College, Visakhapatnam, and MD Pathology from AIIMS, New Delhi.

He contributed immensely to Neuropathology in the country. He wore a multitude of hats, and his accomplishments are innumerable. A highly revered teacher, eminent researcher, an astute diagnostician, an imaginative visionary, and an able administrator. His passion for autopsies, his basic love of teaching and science, and his eagerness for sharing knowledge was instrumental in laying the foundation for the Brain Museum that has taken neurosciences to the public in a big way. He was also instrumental in establishing the first Brain bank in the country, a beacon of collaboration and service. In continuation with his ethos of service and learning, he has donated his brain to the Brain bank. As a researcher, he contributed vastly to many aspects of neuropathology, but his special interests were neuroinfections, particularly HIV pathology, epilepsy, aging and neurodegeneration. With colleagues he established the CJD registry in India. He has more than 400 publications, is a recipient of several prestigious awards, and is one of the most cited authors of the country. A wonderful human being, with a warm and ever helpful nature, he was nevertheless a strict disciplinarian and very conscious of quality and standards. Ever humble, he made time and helped innumerable students and others for their thesis or publication photographs, with his excellent microphotography skills. He was also very proficient in electron microscopy. He was always available for scientific discussions and brainstorming with students and teachers across specialties and hierarchies, that fostered fruitful interdisciplinary exchanges. His love of children was well known and many of the department's young ones never missed a chance to accompany their parent to the department, to be treated by sir with ever available chocolates and sweets!

Sir has been instrumental in guiding and mentoring many of the country's neuropathologists (and neuroscientists) and in motivating many more. Several adjectives come to mind describing sir's life, the most prominent being inspirational, passionate, and dedicated to his craft. Though his passing leaves a vacuum, he will live on in all our memories and be a source of motivation towards excellence and service. RIP Sir.

By

Dr Yasha TC

Professor, Dept of Neuropathology
NIMHANS, Bengaluru

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