

Rangoli competition



Egg painting



Bapuji Educational Association (Regd.)



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OBG CME



ENT CME



CME Hemophilia (pathology)



KAR - Respicon CME



Student Union 2017



Fun Sports



S.S. Institute of Medical Sciences & Research Centre

NEWS BULLETIN COMMITTEE

Editorial Office : DEPARTMENT OF ANATOMY

Extn. Nos. : 08192-266313,

e-mail: ssimstimes4u@gmail.com

Advisory Board:

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Dr. Kalappanavar N.K. Medical Director

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SSIMS&RC

NH-4, Bypass Road, Davangere - 577 005.

Phone : 08192-261805, 261806, 261807

261808, 261809 FAX : 08192-262633, 266310

E-mail : ssimsrc@rediffmail.com

Web site : www.ssimsrc.com

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From Principal desk.....,

With warm wishes, I would like to convey all my regards to each and every one who have involved themselves in good and constructive academic, research, curricular activities which help in taking the institution's name to a new height.

I would like to suggest all the heads of Dept. to encourage the faculty and students to carry out more research oriented activities and take part in academic and extra-curricular events. I request all the departments to conduct minimum of one CME in a year which helps the fellow doctors to

update their knowledge and also is mandatory by MCI.

I hereby take an opportunity to congratulate all the faculty members for their achievements and also convey sincere gratitude to the management for the constant encouragement and support.

Dr. B.S Prasad



Editor's desk....,

I extend my whole hearted gratitude to all the faculty members & students for the over whelming response shown towards bringing out the first issue. I thank each and everyone who has given a great input of information and memories for publication. Various academic, curricular & extra - curricular activities, ceremonies and inaugural functions have taken place during last three months. Institution has hosted many conferences CME's, Workshop & Quiz from various

departments. This issue is a brief insight to all the happenings of the campus and achievements of various faculties of the Institution.

Dr. A. V. Angadi

DEPARTMENTAL ACTIVITIES

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DEPARTMENT OF ANATOMY

Undergraduate Anatomy quiz competition was held in association with Elsevier publications on 6th May 2017.

The following staff members presented scientific papers in the 6th National conference of Society of Clinical Anatomists (SOCA) held in J.N.M.C, Belagavi on 3rd and 4th of June 2017. Dr.Raghavendra A.Y presented “Variations in the Arch of Azygos vein: An Anatomical Overview with Embryological Correlation and Clinical importance”, Dr.Santosh Bhosale presented “The study of variations branching pattern of Posterior cord of Brachial plexus”, Dr.Nagaraj.S.Mallashetty presented “Variations in the Pectoral group of muscles”- A case series and Dr.Veeresh Itagi presented “Morphometric Study of Lateral menisci of the Adult Knee joint in North Karnataka Population”.

DEPARTMENT OF PHYSIOLOGY

DR. Suneeta Kalasuramath, Professor in Physiology successfully completed the 2 year fellowship program (May 2015- May 2017) offered by Manipal University -FAIMER International Institute for leadership

in Inter-professional Education. She received her graduation certificate as **FAIMER fellow**, May 2017 in Manipal, by Dr John H V Gilbert, TMA Pai endowment chair in IPE & IPP.

DR. Suneeta Kalasuramath, Professor in Physiology actively participated in the National consultation on health & built environment, held on May 8th, 2017 in Manipal University, Manipal.

DEPARTMENT OF BIOCHEMISTRY

“EPIGNOSIS 2”, the 2nd State Level Intercollegiate Biochemistry Quiz Competition for 1st MBBS Students was organized by Departments of Biochemistry of S.S. Institute of Medical Sciences & Research Centre & J. J. M. Medical College, Davangere in association with Association of Medical Biochemists Karnataka Chapter (AMBKC) on 22nd April 2017 at Library auditorium, J J M Medical College, Davangere. A total no of 118 teams from different medical colleges of Karnataka state had participated in the Quiz Competition.

The programme was inaugurated by Dr. Manjunath Alur, Principal, JJMMC, Dr. B.S. Prasad, Principal, SSIMS&RC was the Chief Guest and Dr. Mallikarjuna C.

R. Professor & Head, Dept of Biochemistry, SIMS&RC, Davangere spoke on the need for MCQs in the University theory question papers so as to improve the Biochemistry knowledge to get top ranks in NEET-PG entrance exams. The programme was presided by Dr. Manjunath M Tembad, President, AMBKC.

Quiz Masters Dr. Rajni, Associate professor of Biochemistry, JJMMC, & Dr. Preethi. B. P, Associate professor of Biochemistry, JJMMC, Davangere conducted the Quiz competition program. Valedictory function was chaired by Dr. S. B. Murugesh, Professor & Head, Dept of Dermatology, JJMMC, Davangere, Dr N. K. Kalappanavar, Professor and Head, Dept of Pediatrics and Medical Director of SSIMS&RC, Davangere and Dr. P.S.Mahesh, Chief Librarian, Bapuji library and information Centre, JJMMC, Davangere.



DEPARTMENT OF PATHOLOGY

Voluntary blood donation camp & blood grouping was organized on 11th April 2017 by Sri Shivalingeshwara Government First grade Degree College at Chennagiri. Dr. Shashikala. P Head of Department Pathology and Dr. Deepti Pruthvi Professor, Dept. Pathology along with Post graduates - Dr. Shwetha S Kollur, Dr. Shruti D Pattanshetty, Dr. Asha Patil, Dr. Ramya Nayak, House surgeons and Blood Bank Technicians conducted the camp.



Blood donation camp was organized by Ashay Snehithara sanga in Bennehalli on 12th April 2017. Dr. Neeta Y, Assistant Professor, Department of Pathology along with Post graduates- Dr. Laxmi Ronada, Dr. Malashree, House surgeons and Blood Bank Technicians conducted the camp.

Voluntary blood donation camp was organized by J.C.I Kottur cotton at kottur, Ballari District on 14th June 2017. Dr. Balaji T.G Assistant Professor. Department of Pathology along with post graduates- Dr. Shwetha S. Kollur, Dr. Mahesh Satapute, Dr Sanjay Kumar with house surgeons, and Blood bank technicians conducted the camp.



Voluntary blood donation camp was organized by Student union-2017 on occasion of 87th birthday of Sri. Dr. Shamnur Shivashankarappaji on 15th June 2017, at SSIMS & RC, Davangere. Dr Shashikala P. Head of Department Pathology, Dr Kavita G.U. & Dr Deepti Pruthvi, Professor, Department of Pathology, Dr Shwetha J.H. Associate professor, Department of Pathology and Blood bank technicians conducted the camp. Staff and undergraduate students donated blood.

DEPARTMENT OF MICROBIOLOGY

Neonatal Sepsis Laboratory was inaugurated on 24th May 2017 in Department of Microbiology. The new laboratory in which automated blood culture system and procalcitonin will be done was inaugurated by Dr N. K. Kalappanavar Medical Director, Sri T. Satyanarayana Director Administration, Dr K G Basavarajappa, Professor and head, department of Microbiology. The laboratory is supported by Vision Group on Science and Technology K FIST Level 2, Government of Karnataka with the Principal investigator of the project being Dr VL Jayasimha, Professor, Department of Microbiology.

Anti Dengue Day was observed by Department of Microbiology, Central laboratory on 27th June 2017. About 50 suspected cases of dengue were screened by dengue serology. The free dengue Test camp was inaugurated by Dr N K Kalappanavar, Medical Director and Dr K G Basavarajappa, HOD, Microbiology.

Dr. VinodKumar C.S, Professor, Department of

Microbiology successfully completed two years FAIMER Fellowship (Foundation for Advancement of International Medical Education and Research) with distinction from PSG Coimbatore, Tamilnadu.

Dr. VinodKumar C.S, Professor, Department of Microbiology has participated in the continuing Professional development workshop on Developing Meaningful Assessment held on 19th June 2017 at PSG medical College, Coimbatore, Tamilnadu



DEPARTMENT OF COMMUNITY MEDICINE

Dr. Asha Bullappa, Assistant Professor conducted a Participatory Rural Appraisal in Giriyapura village to assess the health needs of the community at Anganwadi centre, Giriyapura.



Dr. Nethra. G, post graduate, Mr. Ashok Kumar (MSW) and Mr. Nagaraj. T.G (MSW) and PHC staff participated in the event. Health education program about awareness of health hazards of tobacco consumption was conducted in anganwadi of Kolkunte village on the eve of 'No Tobacco Day' by Dr. Asha Bullappa, Assistant Professor. Interns, Mr. Ashok Kumar (MSW), PHC staff participated in the event.

Participatory Rural Appraisal activity was conducted by Dr. Rathnaprabha. Dr. Aswin Kumar, Dr. Vidya assisted in conducting the activity. Mr. Nagaraj.T.G (MSW), Mr. Ashok Kumar (MSW), Interns participated in the event.

Dr. Geethalakshmi. R. G, Professor and Head, Dr. Asha Bullappa, Assistant Professor attended a meeting on

National Framework for Malaria Elimination organized by NVBDCP at Zilla Panchayat, Davangere on 7th June 2017

Dr. Geethalakshmi R. G, Professor and HOD and Nodal Officer for DOTS Centre in SSIMSRC attended RNTCP State Task Force meeting organized by State TB cell, State Task Force and St. John's Medical College, Bangalore.

Dr. Nethra. G, post graduate received 2nd prize in PG level essay competition organized by STF on "Role of Medical Colleges to end TB by 2025"

'Intensified Diarrhea Control Fortnight' training activity was conducted by Dr. R. M. Naik to train ANM and ASHA workers. Dr. Madonna gave a talk on importance of breastfeeding. Mr. Ashok Kumar (MSW), PHC staff and interns participated in the event.



DEPARTMENT OF OPHTHALMOLOGY

DBCS eye camps were conducted from April. - June 2017 at Basavapatna, Anaji, G.K.Halli, Hadadi, & total of 80 cataract surgeries were performed.

General camp in Neertadi on 22nd May 2017: More than 150 cases were screened for cataract & glaucoma & cataract patients underwent free cataract surgeries.

Dr. Ashutosh Patel, Postgraduate presented a paper on "Retinopathy of prematurity- incidence, risk factors & treatment modalities among premature infants at various neonatal intensive care unit of central Karnataka in South India" at global Paediatric Ophthalmology conference at Milan (Italy) June 2017 under the guidance of Dr. Prakash V Suranagi, Professor of Ophthalmology & Dr. B.S. Prasad, Principal & Professor of Paediatrics, SSIMS & RC, Davangere. Secured 3rd position in presentation & the same has been published in Journal of Clinical & Experimental Ophthalmology.

DEPARTMENT OF GENERAL MEDICINE

Dr Yeshavanth G, Dr Nagaraj VT, Dr Suman GR, Dr Yellappa Reddy attended KAPICON 2017 from 19-21st May 2017 at JSS Medical College, Mysore and Dr Yeshavanth G presented a paper "Clinical Profile Of Stroke In Hypertrophic Cardiomyopathy Patients".

Post Graduate student Dr Georgin Mani attended

KAPICON 2017 at JSS Medical College, Mysore, presented a paper on “Study of prevalence and pattern of Dyslipidemia in new detected Type II Diabetes Mellitus Patients”. He also presented a poster on “Electrical alternans in a patient with Pneumothorax- A rare case”.

Post Graduate student Dr Yamsani Sandeep attended KAPICON 2017 at JSS Medical College, Mysore, presented a paper “A Study of Hematological profile and serum B12 level in patients with chronic kidney disease”. He also presented a poster “Microfilarial pleural effusion - A rare case”.

Post Graduate student Dr Sreedevi T attended KAPICON 2017 at JSS Medical College, Mysore, presented a paper “Study of Cardiac profile in Organophosphate poisoning”. She also presented a poster “A rare case of Henoch Schonlein Purpura in Adult patient in a Tertiary Care Centre”.

Post Graduate student Dr Arjun VA attended KAPICON 2017 at JSS Medical College, Mysore, presented a poster “Eptoin induced drug reaction eosinophilia with systemic symptoms”.

Post Graduate student Dr Jithin George attended KAPICON 2017 at JSS Medical College, Mysore, presented a poster “FAHR'S DISEASE A rare case study”.

DEPARTMENT OF ORTHOPEDICS

Bone Mineral Density free Camps were conducted on 22nd and 27th May 2017 at department of Orthopaedics, SSIMS & RC Davanagere

DEPARTMENT OF ANESTHESIOLOGY

BLS workshop was conducted by Department of Anaesthesiology on April 3rd & 4th 2017 in SSIMS&RC, Davangere.

As a part of nurses day 2017 Dr.Arunkumar Ajjappa Professor and HOD, Department of Anaesthesiology & critical care gave a Lecture on “Ethics in ICU” in CNE on “Critical care Nursing” May 26th 2017.

DEPARTMENT OF EMERGENCY MEDICINE

Dr Narendra S S Professor and Head, Dr Bakkesh B P Assistant Professor and all the Post Graduates of The Department of Emergency Medicine underwent training and successfully completed the Basic Stroke certification course on NIHSS Scale [National Institute of Health (USA) Stroke Severity Scale] and management of Acute Ischemic Stroke by Thrombolysis. The course was conducted online by the NIH (National institute of Health) on 6th of April 2017, and all the members of the Department of Emergency Medicine at SSIMS&RC are now Certified by NIHSS to manage acute ischemic stroke by Thrombolysis.



The Postgraduates of Department of emergency medicine Dr Vijay Kumar , Dr Sachin Nayak Sujir , Dr Ashray .V , Dr Santhosh S U , Dr Treepti Thakur and Dr Dileep C N who were earlier selected for the BLS (Basic life support) and ACLS (Advanced Cardiovascular Life Support) Instructor course on January 22nd completed their Instructor course training at SSIMS&RC on April 8th and 9th 2017 under the guidance of Dr Jinesh .V who was the course instructor from IEMS (Indian Institute of Emergency Medical Services ,Kottayam). All the six post graduates mentioned above are now AHA (American Heart Association) certified BLS & ACLS instructors along with Dr Ganesh B S who has been a senior BLS & ACLS instructor since 2015.

The Postgraduates of Department of emergency medicine Dr Vijay Kumar , Dr Sachin Nayak Sujir , Dr Ashray .V , Dr Santhosh S U , Dr Treepti Thakur and Dr Dileep C N were invited as Instructors for the BLS & ACLS Provider course conducted at Santhosh Hospital in Bangalore from 27th to 30th April . It was a wonderful first experience for them as instructors in teaching the provider course candidates of Santhosh hospital all the course content along with hands on training sessions in resuscitation and revival of cardiac arrest victims.



DEPARTMENT OF PSYCHIATRY

As a part of regular monthly camps, Dr.Sushilkumar Assistant Professor conducted camp for psychiatric patients at Harapanahalli on 3rd Tuesday, and Dr.Rajeev Swamy, Associate Professor conducted camp at

Harihara on 4th Tuesday.

Dr.Rajeev Swamy, Associate Professor attended “PsyCog-2017” at Mumbai on 3rd and 4th June 2017.

1st year post graduate student Dr. Reshmi attended Non Invasive Brain Stimulation Workshop at NIMHANS, Bengaluru from May 8th to 10th 2017.

1st year post graduate student Dr.Vadiraj attended Psychiatry Post Graduate training program on Psychotherapy and Psychopharmacology at Hyderabad on June 10th and 11th 2017, organized by Indian Psychiatric Society.

Department of Dermatology Venereology & Leprosy

The department of dermatology took an initiative to create awareness and educate the public about vitiligo, as the part of world vitiligo awareness week.

The programme was held on July 1st-2017 and started off with introductory speech by Prof & HOD Dr.Jagannath Kumar V, highlighting the various myths and superstitious belief associated with vitiligo.

Following which, a skit about the life of

vitiligo stricken person & how he leads a normal life with help of treatment given by doctor and support of family, friends & society, was performed by the postgraduate students. Later, vitiligo patients shared their experiences and views about disease with the public.

Programme was attended by Principal Dr.B S Prasad , Vice- Principal Dr.Shashikala P, Prof. & HOD Dr.Jagannath Kumar V, Associate Prof. Dr.Manjunath Hulmani along with other staff members, Postgraduate students , Interns & nursing students, finally the “ Vitiligo Awareness Vehicle“ was flagged off from the S.S hospital to various parts of the city including C G Hospital, Bus station , railway station and distributed pamphlets to the general public.



Conferences, CMEs and Workshops held in the Institution

KAR-RESPICON-2017

Department of Paediatrics, SSIMS & RC in association with JJMMC and IAP Davangere district branches organized the Kar-Respicon 2017 and 7th annual CME of IAP Davangere district branch on **23rd, 24th and 25th June 2017**. This annual conference of IAP State respiratory chapter was held at S.S institute of medical sciences & research centre.

The 3 day educational activity included one day CME workshop on “Live bronchoscopy and Hands on training in Intubation” and “ABG Workshop” on 23rd June 2017 followed by two days Conference on basic and advanced pediatric pulmonary care on 24th and 25th June 2017.

The preconference workshop was inaugurated by renowned veteran pediatrician and academician par excellence Dr Suresh Babu along with organizing chairman and Medical director of SSIMS & RC

Dr.N.K.Kalappanavar and Principal of SSIMS & RC Dr.B.S.Prasad. The workshop was attended by about 35 delegates including faculties, practitioners and postgraduate trainees. Live bronchoscopy demonstration was done by pioneers in the field Dr D.Vijayashekar and Dr.N.K.Kalappanavar along with Dr.Manjunath Sarthi. Delegate also received invaluable hands on training in

bronchoscopy equipment and procedure using mannequin and lung model with detailed segmental anatomy.

The President for the conference held on 24th and 25th June 2017 was IAP president elect Dr.Santosh Soans. Other dignitaries at inaugural function included Dr.H.Paramesh, Dr.Suresh Babu, Dr.N.K.Kalappanavar, Dr.B.S.Prasad and Dr.Latha.G.S. Medical director of SSIMS & RC Dr.N.K.Kalappanavar delivered the welcome speech and Principal of SSIMS & RC Dr.B.S.Prasad Chief guest of the function addressed the gathering on recent changes in Pulmonology.

The knowledge sharing conference constituted of numerous guest lectures on various aspects of pediatric pulmonary medicine. Dr.Nirmala Kesaree Oration on “Journey from Bedside -Towards Community” was delivered by Dr.Nagabushana and Dr.H.Parmaesh Oration Lecture on “Asthma Management beyond emergency room” was presented by IAP president elect Dr.Santosh Soans. Highlight of the event was “Interesting Case Presentation by Practicing Pediatricians” which was well appreciated by all dignitaries and delegates. The gala banquet on the night of 24th June was a major draw with young kids enthralling audience with astounding dance performance.

Dr.N.K.Kalappanavar and Dr.Latha.G.S.

concluded the event with special vote of thanks. To sum up, KAR-Respicon 2017 was a resounding success and very well attended by 225 delegates from different parts of the country.



CME on “Hemophilia- Awareness- Hear their voices”

CME for Medical Students “**Hemophilia-Awareness- Hear their voices**” An undergraduate CME on Hemophilia was conducted for IInd year medical students in the **Dept. of Pathology** on **24th of April 2017**. Dr. Suresh Hanagawadi spoke about Medical aspects & Awareness on Hemophilia. Dr. Kallapanavar, Dr. Arun Kumar, Dr. Vijay Jatti, Dr. Nagappa, Dr. Shashikala. P, Dr. Kavita G.U, Dr. Deepti Pruthvi, Dr. Shwetha J.H, Dr. Sonam S Nandyal, Dr. Neetha. Y, Dr. Balaji & Post-graduates of Pathology along with undergraduates were present for the program.



CME and workshop on “Obstetric skill drill”

Faculty from **Dept. of OBG** organized a CME and workshop on “**Obstetric skill drill**” on **12th April 2017** at Lecture Theatre 4, SSIMS &RC hospital block. Dr. Prema Prabhudev Prof. & HOD was organizing chairperson. Dr. Bandamma Narendra S, Professor and Dr. Malavika, Asst. Professor were organizing secretaries. Dr. Gayatri L Patil, Dr. Sapna I.S., Dr. Rashmi P.S, Dr. Shridevi A.S., Dr. Tejaswi

V.P., Dr. Anita. S., Dr. Shilpa Nabapure, Dr. Bimba, Dr. Shilpa T., Dr. Praveena S.N., Dr. Seema N. were Executive committee members. Dr. Manjula A., Consultant Obstetrician and Gynaecologist from UK inaugurated the Scientific programme. Postgraduate students, interns and final year MBBS students from Dept. of OBG, SSIMSRC., faculty & Postgraduates from JJMMC and OBG Society members from Davangere branch, Consultants and private practitioners from Davangere, Harihara, Haveri and Ranebennur actively participated during CME and workshop.



CME on “Cochlear Implant Awareness Programme”

On **19th of April 2017**, **Department of ENT**, S.S. Institute of Medical Sciences & Research Centre, Davangere in association with Department of ENT, JJMMC, Davangere, Davangere ENT Surgeons Association, Amplifon (India) Pvt limited, and Association for People with Disability, Davangere, conducted Continued Medical Education on “Cochlear Implant Awareness Programme”. The programme started with formal inauguration by the dignitaries present, which was symbolically done by watering a plant sampling. Sri. Satyanarayana, Administrator, SSIMS&RC, Davangere, Dr. B.S.Prasad, Principal, SSIMS&RC, Davangere, Dr. Yogeesh.B.S, Prof & Head, Dept of ENT, SSIMS&RC, Davangere, Dr. Basavaraju.K.P, Prof & Head, Dept of ENT, JJMMC, Davangere were present.



CME Program for post graduate students and consultants

CME Program for post graduate students and consultants was conducted by the **Dept of Dermatology** on **19th and 24th May 2017** at Seminar room, SSIMS & RC, Davangere. Welcome speech was given by Dr. Neethu Nag; the speakers were Dr. Shruti Kakar & Dr. Gitika Sanodia. The Chairperson was Dr. Jagannath Kumar V, Prof. & HOD, Dept of Dermatology Venereology & Leprosy, SSIMS & RC, Davangere. Vote of thanks was given by Dr. Gitika Sanodia.

Important topics that were discussed in CMEs: Talk On Young Skin, Sunscreens and Melasma: "How to lighten it" based on recent understanding on its pathomechanisms (Webcast on the topic)

S.S. INSTITUTE OF NURSING SCIENCES

On behalf of International Nurses day CNE on "Critical Care Nursing-Utmost Care on the Nursing Hands and Minds" was held on 27th May 2017 at SSIMS & RC Auditorium, organized by S S Institute of Nursing Sciences and Nursing staff of SSIMS & RH. The chief guests of the function were Dr. B S Prasad, principal, SSIMS & RC, Davanagere and Dr. Kalappanavar N K, Medical director, SSIMS & RC, Davanagere. The guest of Honor of the function was Prof. David A. Kola, Principal, S.D.M. College of Nursing, Dharwad.



Shri. Dr. Shamanur Shivashankrappaji's Birthday

The birthday of celebrated Shri. Dr. Shamanur Shivashankrappaji, Hon. Secretary, Bapuji Education Society & MLA, Davangere South Consistency, was observed at S.S. Medical College & Research Centre Davanagere, on 16th June 2017.

On this occasion, voluntary blood donation camp was arranged by the Students' Union SSIMS & RC, SAMYUKTA-17. Fruits distribution to patients at various medical wards marked the

occasion. Many varieties of saplings were planted all over the campus. Dr. B S Prasad Principal SSIMS &

RC, Sri. Sathyanarayana T. Administrative Director, Dr. N K Kalappanavar Medical Director, Dr. P. Shashikala, Vice Principal, Dr. L. S. Patil, Students' Union Chairman, Mr. Ravi R. G, Manager, HODs and staffs of various departments & many other dignitaries were present. Members of teaching and non-teaching faculty and many students were present in huge numbers and made the function a grand Success.



Shri.Dr.Shamanur Shivashankrappaji's Birthday



STUDENT WELFARE CELL

On behalf of the Student's welfare cell of SSIMS & RC, the Member Secretary, Dr. Raghu Kumar K.G. Professor, Department of Microbiology, and Members Dr.Santosh Bhosale, Assistant Professor, Department of Anatomy and DR.Harish Kumar V. S, Assistant Professor, Department of Pharmacology attended the workshop on **"Spirituality in Medical Profession"** conducted at **Sutturu Sriksheetra, J.S.S Vidyapeetha ,Mysuru** on 13th and 14th May 2017 under the guidance of **Jagadguru Sri Shivaratrish Deshakendra Mahaswamiji, Pujyasri Jnanayogashrma Siddeshwar swamy, Vijayapur** and other eminent spiritual speakers.



STUDENT UNION ACTIVITIES

Inauguration of Students Union 2017

Inauguration of Students' Union 2017 took place on the evening of **25th April 2017**. Dr.Subba Reddy was the chief guest & Dr.B S Prasad, Principal, SSIMS &RC, presided over the function.

Dr.Latha G S Chairman and Ms. Sanjeevini & Mr. Nischal, General Secretaries Students Union 2016 formally handed the reins to Dr.L. S. Patil Chairman and Ms.Amruta & Mr.Vivek, General Secretaries Students' Union 2017.

Addressing the gathering Chief Guest emphasized on the importance & significance of Students' Union where, close social interaction between students helps to blossom & bring out the cultural, sports, literary and other skills of the students. The activities of Students' Union also help to keep the students engaged, maintaining emotional balance & fight negativities like stress, depression & ragging.

President of the evening, our beloved Principal Dr.B S Prasad hinted against politicizing the union issues &stressed the need to maintain the clarity & sanctity of the atmosphere in the union.

Hostel Week Last Week of May

Last week of May was celebrated as Hostel week. The hostel week comprised of fun sports, mannequin challenge, Best Artist, Musically -video making, Spot Drama, Best Dress Up, poster making & best out of waste competitions.



World Tobacco Day

In the view of World Tobacco Day, Egg Painting Competition Themed **Tobacco-Threat to Development** was conducted by literary committee on 26th May 2017



“Shri Gandha”-

Kannada Balaga 2017 conducted “Kasadinda Rasa Best out of waste” competition on 27th May 2017 in Girl's Hostel. Teaching and non teaching faculties visited the event. Students participated in preparation of useful models out of waste materials.



YOGA WORKSHOP FROM MARGA AND ACCADEMIC COMMITTEE

A yoga workshop was guided by marga & was organized by academic committee from 12th to 21st June 2017 to all the students of SSIMS & RC to achieve the benefits of yoga under the guidance of Dr. Prabha.

The event was conducted with the help of Dr. B.S. Prasad Principal, Dr. Shashikala Vice-Principal, Dr. L.S. Patil Chairman of Student union, Dr. Kavitha G.U. Professor Department of Pathology and Dr. Harish Assistant Professor Department of Pharmacology, General Secretary of Student Union.



Drug Abuse Awareness Program

Police department, Davangere in Association with Pro-Studio conducted awareness on Drug abuse with a motion picture “Vyasanaave? Jeevanaave?” in Bapuji Auditorium on 30th June 2017.

The function was presided by East zone Inspector General of Police Dr. A.M. Saleem, District Commissioner D.S. Ramesh, Superintendent of police Dr. Bhemashankar Guled, Additional S. P. Yashodha S Ontagodi, Principal of JJMMC Dr. Manjunath Alur, Principal of SSIMS&RC Dr. B. S. Prasad and Manager of Pro-Studio Smt. Roopa.

All the dignitaries stressed on the awareness of Drug abuse and its implications not only on the health, but also on the health of society and nation. They also re-iterated on the things to be achieved by youth by not divulging there focus towards malicious things like Drug abuse & urged to develop a healthy life style to build a healthy nation.



Informative articles

Fluorescence in situ hybridization (FISH) - an introduction

Dr Raghavendra A Y, Associate Professor, Dept. of Anatomy.

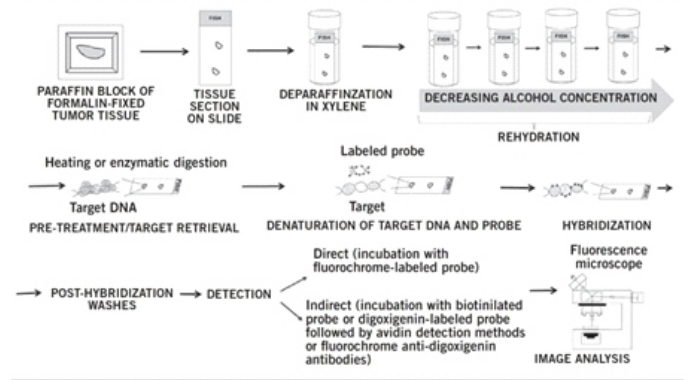
Fluorescence in situ hybridization (FISH) is a cytogenetic technique used to detect the presence or absence and location of specific gene sequences. It can visualize specific cytogenetic abnormalities (copy number aberrations) such as chromosomal deletion, amplification, and translocation. FISH has been used in prenatal diagnosis and has served both as a diagnostic and as a prognostic marker for various sarcomas. More recently, FISH entered the field of dermatology in aiding the evaluation of ambiguous melanocytic lesions.

FISH involves the binding, or annealing, of fluorescence labeled, target-specific nucleic acid probes to their complementary DNA or RNA sequences and the subsequent visualization of these probes within cells in the tissue of interest. The tissue of interest can either be formalin-fixed, paraffin-embedded sections or fresh-frozen tissue. First, the DNA or RNA sequences from the tissue of interest are allowed to denature to become single stranded. Next, a FISH probe is selected and applied. The selection of an appropriate FISH probe is a critical step for enhancing its value as a diagnostic test because FISH only detects those chromosomal abnormalities that are specifically targeted by the probes used. Different probes are used depending on the diseases or malignancies under investigation.

Once the probe is selected, the fluorescence

labeling of the probe can be done either directly or indirectly. In direct fluorescence labeling, the fluorochrome(s) to be detected by the fluorescence microscope is directly bound to the probe DNA. Next, the fluorescent-labeled probe and the target DNA or RNA sequences are brought together in the hybridization process, during which the fluorescent-labeled probe anneals to the targeted sequences. The slides are then examined. Principles of FISH are illustrated in Figure 1.

Through this technique genetic make over and defects of chromosomes in many clinical conditions such as malignancies of bones, muscles, other connective tissue and blood can be detected. Also it helps to detect chromosomal abnormalities involved in various syndromes.



CASE REPORT

An unusual case of vaginal bleeding in pregnancy

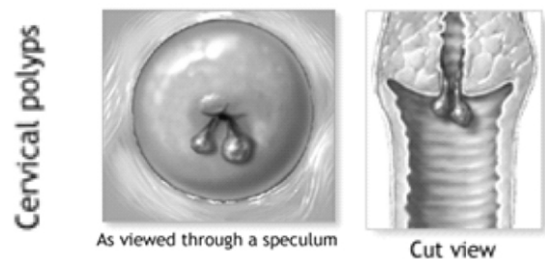
Dr. Prema Prabhudev, Prof. & HOD, Dr. Bandamma N.S., Prof., Dr. Sapan I.S., Prof., Dr. Malavika J.C., Asst. Prof., Dr. Surabhi Mohabey, Postgraduate student Dept. of OBG

Case report:

A 30 year old second gravida (G₂A₁) with no significant medical history presented with recurrent episodes of spontaneous vaginal bleeding. The woman was at 21 weeks 3 days of gestation. It was Spontaneous conception and no history of similar episodes during first trimester. Patient gives history of two episodes of post coital bleeding before present conception which resolved spontaneously. There was no history of bleeding disorders. On presentation her vital signs were stable and foetus had good cardiac activity. Sonographic examination was done which showed a normal foetus with a posterior fundal placenta. No signs of abruption or retro placental clots were present. Cervical length was 3.2 cm. Her haemoglobin was 10.4 gm% with normal coagulation profile. Patient was treated as a case of threatened abortion and was advised

strict bed rest with supportive measures. Cervical encirclage operation was planned.

On table pedunculated cervical polyp of size 2cmx3cm was found protruding out from cervix. Polypectomy was performed by avulsion of the polyp and cervical encirclage was done as per plan. Patient withstood procedure well and was discharged on 4th post operative day.



DISCUSSION:

Cervical polyps are small elongated usually benign tumors that grow on the cervix. It is more likely to bleed during pregnancy due to higher oestrogen levels. Polyp may occur alone or in groups. They may be associated with chronic inflammation and an abnormal local response to increased levels of oestrogen or local congestion of cervical blood vessels. The management depends on the type of polyp. If the polyp is pedunculated and small, asymptomatic without any evidence of infection conservative management is advised. If symptomatic with

intermittent vaginal bleeding, vaginal discharge, and change in aspect of the polyp such as ulceration with additional cervicitis removal is the rule under antibiotic cover.

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- 2) Batzofin, J.H., Fleding, W.L. and Friedman, E.A. (1984) Effect of vaginal bleeding in early pregnancy on outcome. *Obstet. Gynecol.*, 63, 515-518.

PATTERN AND CLINICAL CHARACTERISTICS OF NAIL CHANGES IN GERIATRIC POPULATION

Dr Gitika Sanodia, Dr Jagannath kumar V, Dr. Manjunath Hulmani, Dept. of Dermatology.

BACKGROUND:

With increasing life expectancy, the proportion of geriatric population is on the rise. Although nail diseases do not usually affect life expectancy, they are important in terms of quality of life and the morbidity that they may cause.

MATERIALS AND METHODS:

A total of 300 patients aged 60 years and above were studied for nail changes associated with ageing. A detailed history of each elderly patient was taken along with general physical, nail and hair examination. Relevant investigations were carried out.

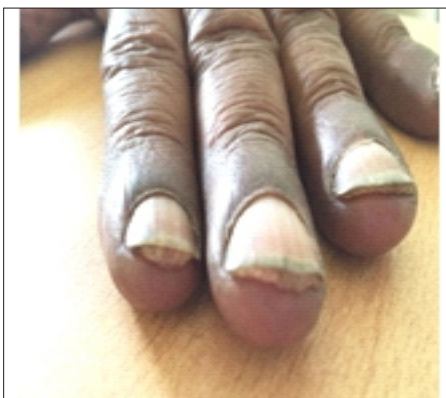
RESULTS:

Out of 300 patients the majority of patients 204 (68%) were found to be in the age group of 65 to 75 years, of these 59% were males and 41% females. Yellow to

grey discoloration (73%) and lunula loss (42%) were the commonest changes. A variety of nail plate changes were observed out of which brittle nails were seen in 46% followed by onychia seen in 33% and onychocryptosis, in 23%. The most common contour change was platynychia in 32%, followed by pincer nails seen in 5%. Only 23% of the total nail changes were found to be of infective etiology.

CONCLUSION:

Geriatric population is not just different in terms of age but also in the way they manifest the common diseases and the treatment options. In this study, we found the prevalence of nail changes and disorders has increased among elderly patients. It is thus, important to know the common nail diseases in order to be able to detect age specific nail changes and it is one of the important cutaneous markers for internal diseases.



KNOWLEDGE, ATTITUDE AND PRACTICE STUDY ON ACNE IN A TERTIARY CARE HOSPITAL IN SOUTH INDIA

Dr. Shruti Kakar, Dr Manjunath Hulmani, Dr Jagannath Kumar V, Dept. of Dermatology.

Statement of the Problem: Acne is a chronic inflammatory disease of pilosebaceous glands. It is known to occur in adolescent age group suggesting a hormonal influence¹.

Recent studies have also implicated the role of diet in the pathogenesis of acne². Although a common disease, it is a known cause of distress and depression if left untreated.

Since it has a multifactorial causation, the knowledge, 2003;13:853-61 attitude and practices regarding acne hold a major significance in the etiopathogenesis and outcomes of acne patients. Our study was conducted to peek into the psyche of Indian patients regarding acne and thus trying to improve the compliance and practices regarding acne.

Methodology & theoretical orientation:

The study was conducted between January 2016 to April 2016 in Skin OPD of SS Institute of Medical Sciences And Research Centre, Davanagere, Karnataka. 100 patients having acne lesions were taken for the study.

Findings:

Majority of the study subjects belonged to the age group 15-24. The study showed that 72% had good knowledge. More than half of the study subjects had wrong belief that eating oily foods, chocolates, spicy food caused acne but more than 40% of the study subjects had good knowledge about the causes and aggravating factors like it worsens by squeezing/picking/rubbing (83%), commonly found in oily skin (67%), has seasonal occurrence (54%), associated with premenstrual flare (42%), aggravated with use of cosmetics (41%)



Conclusion & Significance:

Acne is one of the most common disorder not just among adolescents but is increasingly seen in older age group also. Despite being so common and very well responsive to treatment, it is a major cause of depression among patients. Many myths exist among patients. People believe in taking traditional medication and wait for spontaneous resolution leading to permanent scarring, when it could have been managed so well. As we observe in the study that knowledge, practice and attitude go hand in hand, thus improving the knowledge of public would improve the management and outcome of acne.

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CASE REPORT ON TRIGEMINAL NEURALGIA

Dr Arun Kumar Ajjappa, Prof & Head Of Dept, Dr Paresh Nagwekar Post Graduate,
Dept. of Anesthesiology

INTRODUCTION

Trigeminal neuralgia is a disease characterized by paroxysms of intense pain confined to area of distribution of trigeminal nerve. The term "tic douloureux" means painful jerking was coined by Nicolas Andre in 1756. It is most commonly seen in middle aged and elderly individuals. There is a female preponderance and most common cause is vascular malformation in cerebellopontine angle.

CASE REPORT

We report a case of 48 years old male who described 7 years of sharp, stabbing pain radiating to second and third divisions of right trigeminal nerve. He was initially referred to the neurology clinic by his primary care physician with right sided facial pain. The pain had been aggravated since

past month. He states that it is a sharp shooting pain radiating over his right cheek. It is exacerbated by chewing, brushing his teeth, and shaving. The pain is intense and disrupts his activities of daily living. The pain is 9/10 and continuous with intermittent increases to 10/10 when he is chewing. He had lost 10 lbs in the past month from fear to eat which could exacerbate the pain. He denies any hearing change, or change in taste. Initially he thought that it must be related to a tooth-ache. He had a full dental evaluation with a cavity filled and a tooth extracted with no relief in pain. His symptoms had been initially well controlled with carbamazepine 200mg BD, but had recently worsened despite increasing the dose to 600mg BD. He had no other medical problems. He had no surgeries in the past. There

was no family history of headaches or other neurological problems. MRI showed no masses or gross abnormalities and he was diagnosed with trigeminal neuralgia. On physical examination he is moderately built and nourished. Blood pressure is 130/70, HR is 88 and regular, and RR is 12/min.

DISCUSSION

For patients complaining of facial pain differential diagnosis is broad. It includes dental abnormalities such as caries, root abscess, broken teeth, temporomandibular joint pain, eye pain due to glaucoma, orbital cellulitis or trauma, facial trauma. The International Headache Society defines classical trigeminal neuralgia as follows

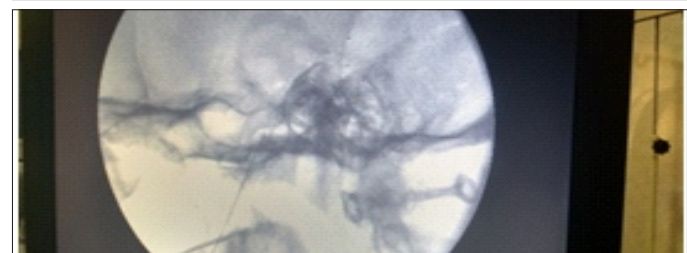
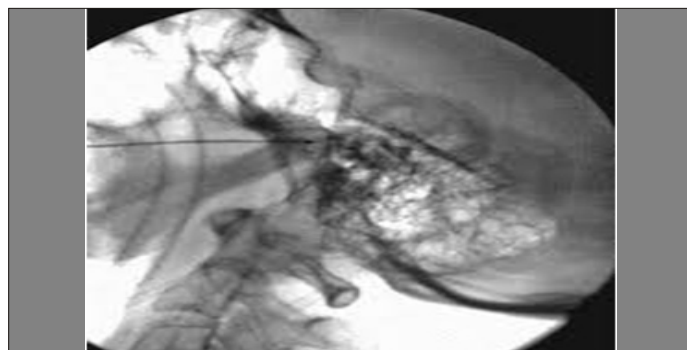
1. Paroxysmal attacks of pain lasting from fraction of second to two minutes, affecting one or more divisions of trigeminal nerve.
2. Pain has at least one of following characteristics-Intense, sharp, superficial or stabbing precipitated by trigger factors.
3. Attacks are stereotyped in the individual patients.

TREATMENT

Medical therapy for trigeminal neuralgia includes anti-convulsant drugs. Carbamazepine remains the first line drug therapy. Alternative medications include oxcarbazepine, baclofen, gabapentin, lamotrigine and pimozone. When medical therapy fails, surgical therapy may be indicated. Surgical therapy for trigeminal neuralgia consists of two broad categories-microvascular decompression and ablative procedures. Ablative procedures include rhizotomy and radiosurgery. Rhizotomy is a percutaneous procedure, whereby a cannula is passed through foramen ovale and sensory component of trigeminal nerve is destroyed by radiofrequency thermocoagulation, mechanical balloons or neurotoxic chemicals (eg-glycerol).

In this case, the patient was placed in a supine position with the head in a neutral position and the eyes staring straight ahead. The key anatomic landmark a point 2-3 cm lateral to the angle of the mouth on the side to be blocked was marked.

The skin over the cheek on the involved site was prepared with povidone-iodine and draped. A skin wheal is raised with a local anesthetic. A 22-gauge 10-cm long spinal needle was inserted here and advanced upward toward the mandibular condyle. This plane should be in line with the pupil as the patient's eyes stare ahead, and the trajectory should be cephalad toward the external auditory meatus. At a depth of 4-6 cm, the greater wing of the sphenoid at the base of the skull was contacted. The needle was withdrawn and redirected more posteriorly so as to enter the foramen ovale. It was then advanced 1-1.5 cm. Paresthesia at the mandible was elicited, followed by paresthesia in the maxilla and orbit. The foramen ovale was identified by using the C-arm image intensifier. The patient is then placed in the semi-sitting position and neck is flexed. The foramen ovale was imaged.



The 22-gauge spinal needle was advanced to reach the foramen ovale. Lateral screening was done to check the depth of insertion. As the needle enters the trigeminal cistern, cerebrospinal fluid (CSF) was aspirated. The needle was then gradually withdrawn until CSF was no longer aspirated. Contrast was injected to visualize the filling of the cistern and to confirm that the needle has not entered a vessel. Next, 2 mL of bupivacaine 0.25% and 100% glycerol was injected, and the patient's response to this was assessed.

When a hyperbaric solution is used, the patient must be seated in an upright position to help the drug settle in the inferolateral position of the cistern through the action of gravity. The patient was left in this position for at least 1 hour. Patient tolerated the procedure well. Post-operative vitals were stable. Patient had adequate pain relief (visual analogue score of 2/10). Post-procedure follow up was done for 1 week.

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RECOVERED CASE OF H1N1- INFLUENZA-A

A 65 year old female resident of Davangere who is known case of diabetes, hypertension, hypothyroidism and ischemic heart disease came with history of fever and cough with expectoration since 3 days breathlessness since morning, on examination patient was tachypnoeic, accessory muscles of respiration were in action and in respiratory distress had diffuse crepts in all the lung fields. She was provisionally diagnosed to have pneumonia with ARDS, intubated in casualty by emergency department and shifted to MICU after admitting patient under medicine unit 2 on 14/03/2017. Patient was treated in CCU under medicine 2nd unit and Anesthetist which involves following team of Doctors- Dr Siddappa k, Dr Arun Ajjappa, Dr Suman.G.R, Dr Naveen, Dr Niranjan. N. K, Dr Sandeep yamsani, Dr Chaithanya, Dr Arjun. V. A, House surgeons and nursing staff. Patient was started with broad spectrum antibiotics and added Tamiflu 75mg BD and sent throat swab for H1N1 influenza which turned out to be positive for INFLUENZA-A. Pulmonology opinion was sought from Dr Kushal bondade and Tracheostomy was done on 7th day after intubation by Dr Yogeeshha and Dr Nagaraja maradi. In the course of hospital stay patient was on ventilator for 20 days and suffered a cardiac arrest on 10th day and revived

after 3 cycles of CPR, patient improved clinically and the ventilator support was slowly reduced and on t-piece for 3 days and shifted to special ward and finally tracheostomy tube was removed after 23 days and discharged on 24/04/2017.

Patient came for follow up after 1 week of discharge and currently is in normal condition. Patient and their attenders expressed their gratitude towards doctors and hospital staff for their prompt treatment and care.



Publications

SL.No.	Author	Title	Journal
1	Veeresh Itagi Jayasudha K	Morphometric Study of Medial menisci of the Adult Knee joint.	Indian Journal of clinical anatomy and physiology: 2017:4(2): 231-234.
2	Naveen Ramesh, Dwayne Mascarenhas, Roger Manuel, Rathnaprabha GK, Pretesh R Kiran.	Assessment of cardiovascular risk factors among youths in Bengaluru urban district, India.	Int J Med Sci Public Health. 2017; 6(3):613-618.
3	GK Ratnaprabha.	Effective communication skills for a medical professional.	J Educational Res & Med Teach 2016; 4(2): 01-04.
4	Asha Bullappa, Prakash Kengnal	Assessment of quality of life of asha workers using WHOQoL-BREF questionnaire.	Int J Community Med Public Health 2017; 4:2060-4.
5	Kavitha Awaradi, Sindhu Simpi, Vanishree Talabakkanavar, Siddanand Kambhar, Prakash Kengnal	Morphometric Study of the Genus Indigofera L. in Karnataka	Indian Forester, 143(6), June, 2017
6	Vinod kumar C S Suneetha Kalasurmath Satish Patil K G Raghukumar	Effect of Jigsaw cooperative learning method in improving cognitive skills among medical students.	Internationaljournal of current Microbiology and applied sciences : 2017:6(3):164-173

7	Raghu Prasad MS, Deepa Patil, Vishwanath BM, Shankar AS, Umakanth N Patil, Sharan Kumar Holyachi	Pattern of drug utilization and factors influencing long term blood sugar control among diabetics in a tertiary care hospital An observational study	International Journal of Basic and Clinical Pharmacology: 2017:6(5):1171-74
8	Sachin.N.S Praveen M.Anvekar, Venkataramanarao.M, Manjunath.J, Kalwa Dinesh	“ Clinical and functional outcome following total knee arthroplasty in primary osteoarthritis knees using PCL substituting prosthesis”	publication in the International journal of Orthopaedics Sciences: 2017:3(2). Ref No: Ortho-3-2-100 ISSN:2395-1958
9	Anand Patil Vijayakumar B Jatti Shashikala P Dileepkumar R Pravinkumar N K	Fatal Anaphylactic Shock following Scorpion Sting Envenomation	Journal of Karnataka Medico Journal Legal Association: 2017:26 (1):32-34.
10	Sandeep Yamsani, Naga Reghunandan Thota, Nagaraj VT, Jithin George	A rare case of thiazide induced benign gynaecomastia	Journal of Evidence based Medicine: 2017:4 (1) : 1001-1003
11	Reghunandan Thota, Yeshavanth G, Sruthi R, Pramod Yali	Amlodipine induced gum hypertrophy Rare case studies	Clinical Journal of Hypertension: 2017:4(1) :34-36

CONGRATULATIONS



DR. Suneeta Kalasuramath,

Professor in Physiology successfully completed the two year FAIMER fellowship program (May 2015- May 2017) offered by Manipal University - FAIMER International Institute for leadership in Inter professional Education.

DR.Vinod Kumar C.S,

Professor, Department of Microbiology successfully completed two years FAIMER Fellowship (Foundation for Advancement of International Medical Education and Research) with distinction from PSG Coimbatore, Tamilnadu.

