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# JJMMMC



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## Voice

ಬಾಪುಜಿ ವಿದ್ಯಾಸಂಸ್ಥೆ (ಲ)  
ವೈದ್ಯಕೀಯ ಮಹಾವಿದ್ಯಾಲಯ ಮತ್ತು ಬಾಪುಜಿ ಆಸ್ಪತ್ರೆ  
ಅನಾಟಮಿ ವಿಭಾಗ, ದಾವಣಗೆರೆ -577004



ದೇಹದಾನ ಸಂಸ್ಥೆಯ  
ಆರನೇ ವಾರ್ಷಿಕ ಸಮಾವೇಶ ಹಾಗೂ ಆರೋಗ್ಯ ತಪಾಸಣೆ  
ದಿನಾಂಕ: 22 -10-2016<sup>ನೇ</sup> ಶನಿವಾರ



For private circulation only



## WORLD AIDS DAY CELEBRATION



## WORKSHOP ON VOLUNTARY BLOOD DONATION



## MENTAL HEALTH DAY CELEBRATION



**J. J. M. Medical College, Davangere.**  
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Dr. G. R. Veena, Professor of Obst. & Gynaecology



*From the desk of  
the Principal*

*I wish you all a happy and prosperous new year 2017. Indeed it's an honor to our college that Dr. Gurupadappa sir is awarded with D.Litt. by University of America. In a move to upgrade the digital valuation center, the Govt. of Karnataka has granted 5 acres of land near Anagodu Park, to RGUHS to establish a regional digital valuation center. I am proud that our college hosted cricket, weight lifting and best physique and basket ball events of university level at our campus. A proud moment to pronounce that there are 10 university blues representing RGUHS in various sports from our college. I take this opportunity to welcome all the newly appointed faculty during the year 2016-17 and expect them to work hard with commitment to bring laurels to the institution.*

**Dr. Manjunath Alur**

**Contents**

- ☞ Academics and Achievements
- ☞ Reprint Request - Informed Consent in Medical Practice
- ☞ History Behind Contributions in Medicine
- ☞ Non adherence to medications - A therapeutic challenge!
- ☞ RGUHS University Blues



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### DEPARTMENT OF ANATOMY

Voluntary Body Donation Association, Dept. of Anatomy.

- 1) Dr. Nirmala D. & Dr. Shobha delivered lecture on Body Donation on 04-10-2016 at Govt. First Grade College & Post Graduate Center, Dental College road, jointly organized by Youth Red Cross & National Service Scheme, which was attended by about 100 students and staff members.

6th Annual Conference of Voluntary Body Donation Association was conducted on 22-10-2016.

Free health checkup & free routine investigation was organized for Body Donors from 9-00 am to 4-00 pm.

Programme to felicitate the registered Donors was held at library auditorium at 6-00 pm.

Chief Guest of the programme Sri Ramesh D. S., District Commissioner and Magistrate, Davangere inaugurated the programme and was inspired and announced to register himself for Voluntary Body Donation.

Special invitees of the programme Sri Rajanahalli L. Ramanand, Smt. Kiruvadi Girijamma, Dr. Gurupadappa H., Dr. Reddy B. S., graced the occasion.

Dr. Murugesh S. B., Professor & Head of the Dept. of Dermatology presided the programme.

The programme was attended by nearly 200 people and around 50 Body Donors were felicitated.

- 1) Dr. Nirmala D. & Dr. Shobha delivered lecture on Body Donation to general public at Medikeranahalli, Jagalur taluk on 23-10-2016, at a programme organized by Sri kshetra Dharmasthala Gramabhivridhi Yojane, Jagalur.

### DEPARTMENT OF PATHOLOGY

1. Dr. Chatura K. R., Professor
  - ▶ **Talk** : 'Extranodal Lymphomas - A Surgical Pathologist's perspective' CHETPATHCON 2016, Lymphoma: An update. Chettinad Medical College and Research Institute, Chennai, 19 Nov 2016
  - ▶ Mohammad Shahid Iqbal, Aisha Tabassum, K. R. "Spectrum of thalassemia and hemoglobinopathies in a tertiary care diagnostic center. Journal of Advanced Clinical & Research Insights 2016, 3, 1-5
  - ▶ Vaibhav J. Nayak, Chatura K. R., Akshi Katyal. "Spectrum of Perivascular Tumors in a Teaching Hospital : An Indian Study of 16 Consecutive Patients

in 5 years". Indian Journal of Pathology : Research and Practice. 2016 ; 5 : 369-375

- ▶ Sunita B. Patil, Chatura K. R., "Schwannoma and its unusual variants - A histopathological study." Indian Journal of Pathology and Oncology, 2016 ; 3 (4) ; 727-731
  - ▶ Chaudhari K., Chatura K. R., Ashok L., Pramod. "Low? grade fibromyxoid sarcoma involving the mandible : A diagnostic dilemma." JOMFP, 2016 : 20 (2) ; 334
2. B. Nikethan, Sunil Kumar K. B., Praseeda C. Muralee. "Utility of Papanicolaou Stain Induced Auto fluorescence in the Cytology of Suspected Tubercular Lymphadenitis" Indian Journal of Pathology : Research and Practice. 2016 ; 5 : 241-246
  3. Seema Bijjargi, Parsimrita Borah, Omakar Puvvala. "Histomorphological spectrum of pediatric surgical lesions : experience at a tertiary care centre." Indian Journal of Pathology and Oncology, 2016 ; 3 (3) ; 397 - 403
  4. Workshop on Voluntary Blood Donation & Optimal / Appropriate use of Blood & Blood Components KMC accredited " Workshop on Voluntary Blood Donation & Optimal / Appropriate use of Blood & Blood Components" was organised jointly by Department of Pathology, JJM Medical College, Bapuji Blood Bank (Regional Blood Transfusion Centre), NSS Program Davangere University & Directorate of Health & Family Welfare, Government of Karnataka on 26-10-2016 at JJMMC Library Auditorium.

The program was inaugurated by Dr. Kaliwal B. B. Honorable Vice Chancellor, Davangere University by lighting the lamp. Dr. Rajashekar S. Kurvatti, welcomed the dignitaries & delegates. Dr. Suresh Hanagavadi, highlighted the importance of the event. Dr. Manjunath Alur, Principal, J.J.M. Medical College presided over the function which was also attended by Dr. S. B. Murugesh, Prof. & HOD of Dept. of Dermatology, Dr. Dhananjaya P. E., Director Bapuji Hospital Dr. Tripulambha, District Health Officer, Dr. Neelambika, Superintendent, C. G. Hospital, Dr. Raghavendra, Swamy, RMO, C. G. Hospital, Dr. Raghavan, District AIDS Officer Chigateri District Hospital, Davangere. Vote of thanks was delivered by Dr. Jagadeeshwari Reddy. Dr. Deepthi Shankar, Professor of Pathology, SSIMS was the KMC Observer.

The workshop was a huge success with more than 350



registrations comprising of NSS / NCC officers, Student Volunteers of colleges affiliated to Davanagere University, Medical Laboratory technicians & Donor motivators besides 158 specialists' doctors & trainee postgraduate doctors.

- ▶ Voluntary Blood Donation- Donor recruitment, Recognition, Retention strategies" - Mr. Harsha K., Karnataka Vidyarthi Koota, Bengaluru.
  - ▶ Donor Selection & Organizing successful Voluntary Blood Donation Camp" - Dr. Jagadeshwari K., Blood Bank Officer, Bapuji Hospital, Davangere.
  - ▶ Networking of Blood Donors - Role of Technology" - Mr. Rakesh, Sankalpa India Foundation, Bengaluru.
1. Post Donation Care / Health Benefits of Regular Blood Donations
  2. Blood Transfusion in Children / Neonates with special emphasis on thalassaemics" - Dr Vishwanath V, Professor of Pathology, Indira Gandhi Institute of Child Health, Bengaluru.
  1. Progressive evolution of Blood Banking into Immunohematology & Transfusion Medicine
  2. Apheresis, Random Donor Platelets vs Single Donor Platelet" - Dr Pallavavi Prakash, Associate Professor, Dept. of Transfusion Medicine, JSS Medical College & Hospital, JSS University, Mysuru.
  - ▶ Blood Group Discrepancies & In compatible Cross match" - Dr. Rajashekar S. Kurvatti, Prof. & Head, Dept. of Pathology, J.J.M. Medical College, Davangere.
  - ▶ Guidelines for Blood Transfusion & appropriate Use of components" - Dr. Sundar P., Prof. & Head, Dept. of Transfusion Medicine & Hematology, NIMHANS, Bengaluru.
  - ▶ Blood Component Therapy in Hemophilia & related bleeding disorders" - Dr. Suresh Hanagavadi, Prof. of Pathology, J.J.M. Medical College, Davangere.
  5. CME on "Haemato - Oncology beyond Morphology" KMC accredited CME on "Haemato- Oncology beyond Morphology" was organised on 20.11.2016. Dr. H. R. Chandrashekar, inaugurated the program. On all 128 Faculty members & postgraduates from Departments of Pathology, General Medicine & Paediatrics participated actively in the program. Dr. Shashikala P., Professor & Head, Department of Pathology, SSIMS was KMC Observer. Unique

feature of the event was for the first time in our Institution, an Online interactive virtual presentation was made by Dr. Chethan Belludi, Molecular Genetics Pathologist, USA. Post lunch session on Case based panel Discussion was extremely useful for the trainee doctors. Dr. Gururaj Prasad, Professor of Pathology, JSS University & Dr. Srikanth Babu, Professor of Pathology, NTR University of Health Sciences moderated the sessions.

- ▶ WHO classification of Myeloid Neoplasms & Acute Leukemia" - Dr. Suresh Hanagavadi, Professor of Pathology, J.J.M. Medical College, Davangere.
  - ▶ WHO Classification of Lymphoid Leukemia" - Dr. Rajashekar S. Kurvatti, Prof. & Head, Dept. of Pathology, J.J.M. Medical College, Davangere.
  - ▶ Recent advances in Diagnosis & Management of Myeloma" - Dr. Seetharam Anandram, MBBS, MRCP, FRCpath (Clinical Haematology), CCT Consultant Haematologist & Haemato-Oncologist Bedford Hospital, Bedford, United Kingdom & Honorary Bone Marrow Transplant Fellow, St. James's University Hospital Leeds, United Kingdom.
  - ▶ Diagnosis & Management of Leukemias & Lymphomas" - Dr. Girish Balikai, MD, MRCP, FRC Path (Haematology), CCT (UK) Consultant Haematologist and Haemato-oncologist, Dhruva Hematology Center, Hubli.
  - ▶ Laboratory Diagnosis of Haematological Malignancies" - Dr. Chethan K. Belludi, Hematopathologist & Molecular Genetic Pathology, Vanderbilt University Medical Centre, Nashville, Tennessee, USA.
  - ▶ "Case Based Discussions" - Dr. Mahendra Balar, Director, Maitri Diagnostics Pvt Ltd., Bengaluru. Dr. Choukimath S. M., Associate Professor, Dept of Pathology, KIMS, Hubli.
6. HEALTH CHECK UP CAMP AT CENTRAL PRISON, DAVANAGERE. Bapuji Blood Bank, Department of Pathology participated in Health Camp organized by District Administration, Dept. of Health & Family Welfare at Central Prison for the inmates on 28-11-2016. and 185 individuals underwent health checkup which included Blood Sugar & Blood Group testing. Dr. Rajashekar Kurvatti, Professor & Head, Dr. Preethi, Associate Professor, Dr. Manasa, Assistant Professor & postgraduates, Dept. of



## Academics and Achievements

Pathology participated in the program.

7. Dr. Jagadeshwari K., delivered a Lecture at M. M College on "Awareness of Blood Donation and its Importance" on 19-09-2016.
8. Dr. Jagadeshwari K., and her team at the Bapuji Blood bank conducted the following camps :-
  - 15-09-2016, Engineers of Life Line Organization KuvempuBhavana, Vidyanagar Road, Davangere 50 units drawn.
  - 20-09-2016, G. Channappa PU College, Anagodu, Davangere G. Channappa PU College, Anagodu, Davangere - 34 units drawn.
  - 19-09-2016, M.M College, AnubhavaMantapa, Davangere, Bapuji blood bank, Davangere - 15 units drawn.
  - 01-10-2016, Grampanchayath and PHC, Belaguthi Primary Health Centre, Belaguthi, Honnali Taluk, Davangere District - 18 units drawn.
  - 18-10-2016 Primary Health Centre, Anaji Primary Health Centre, Anaji - 13units drawn.

### DEPARTMENT OF PHARMACOLOGY

1. Dr. Santhosh Kumar Madhusudhan, Dr. Shashikala G. H. Evaluation of knowledge, awareness and practice of Pharmacovigilance among practicing Doctors. Asian Journal of Pharmaceutical and Clinical Research. 2016;9(3)
2. Dr. Khazi Nisar Ahmed, Rtd. Assistant Director, Govt. Of Karnataka, working now as Veterinary Surgeon, Dept. of Pharmacology, J.J.M. Medical College: Davangere has been honored by 'Mangala Goyathra Samithi' Davangere Dist. He was felicitated by Sri Sri Ragahveshwara Bharathi Mahaswamiji, Ramachandrapura Math, Gokarna, for his charitable services rendered to the Mahaveer Jain Goshala, Davangere on 08-12-2016 at MothiVeerappa Pre-University College ground Davangere. He renders emergency care for wounded and stray animals in Davangere city free of cost.

### DEPARTMENT OF COMMUNITY MEDICINE

#### WORLD AIDS DAY

The department celebrated "WORLD AIDS DAY" on Dec 1st 2016 under the guidance of Dr. T. P. Manjunath, Professor and Head. Red ribbons were distributed to all the staff, post graduates and interns of the college. In the evening candles were lighted and sky lanterns were left.

Many under graduates took part in creating posters. All staff, post graduates of the department and 2nd MBBS volunteers took part actively.

### DEPARTMENT OF PSYCHIATRY

#### World Mental Health Day Program

On the eve of World mental health Day, an awareness program was conducted on 21/10/2016 by the Department of Psychiatry, JJM Medical College, Davangere in association with other Governmental and Non-governmental bodies. Invocation was done by nursing students Ms.Yasmin,Siddamma,Shruthi and Sangeetha. Mr.Ramachandra Reddy D.E., Psychologist,C.G. hospital, gave the welcome speech and Dr.Anupama.M. Asso. Prof. of Psychiatry spoke the introductory remarks. Mrs.SuvarnaK.Mirji, Member Secretary, District legal services authority inaugurated the program and spoke on reducing stigma of mental illness and providing mental health services to the poor. Dr.Tripulambha.M.S. DHO, Dr.Nilambike.H.D., Superintendent of C.G Hospital,Davangere, Dr.Murugesh S.B. I/C Principal, JJMMC,Davangere, were the Chief guests who also spoke on the occasion. Dr.C.Y.Sudarshan, Professor of Psychiatry spoke on the theme for year "First aid in Psychiatric Disorders". Mr.Dadapeer,Advocate spoke on "Legal issues in Mental health". Dr.Dayanandsagar, Psychiatrist, District mental health program, proposed vote of thanks. Dr.HarishKulkarni, Asst. Prof. of Psychiatry anchored the event. Psychiatrists Dr.K.H.Gangadhar,Dr.Nagaraj and District Mental health program officer Dr.SarojaBai,were present on the occasion. Patients having mental illness,their care givers and nursing students participated in the program. Dr.Shamshad Begum, Professor of Clinical Psychology and Post graduate students of the Department were actively involved in the event.

Activities of Dr. Sudarshan C. Y.

- 1) Published an article titled "Relevance of First aid in Psychiatry" in "Janatavani" newspaper on 10/10/2016.
- 2) Addressed 60 PHC medical officers of Davangere district in two batches, on the topic "Substance dependence-Diagnosis and management" during the Mental health orientation program for medical officers on 14-11-2016 and 19-11-2016 at C. G Hospital, Davangere.

### DEPARTMENT OF PULMONARY MEDICINE

Academic activities of Dr. B.Vidyasagar

1. Attended a hands-on workshop on Noninvasive





ventilation at Sydney, Australia. From June 21st to 23rd 2016.

2. ORATION at PULMONARN 2016, July 15th, 16th 2016 "Pulmonary Medicine Yesterday, today and tomorrow".
3. Talk "Allergic Bronchopulmonary Aspergillosis" at REALM-ACCPAT Madrid- SPAIN on July 30th 2016.
4. Talk on "Hypertensive Pneumonitis" at PG Meet at St John's Medical College, on October 16th 2016.
5. Panelist "FORMETEROL- GLYCOPYRINIUM" for COPD at Hyatt Regency Mumbai on October 17th 2016.
6. Talk "STATINS IN COPD" at NAPCON 2016 on 25th November 2016.

## DEPARTMENT OF ANAESTHESIA

The following are the academic activities of Department of anesthesiology at 64th ANNUAL NATIONAL CONFERENCE OF INDIAN SOCIETY OF ANAESTHESIOLOGISTS at Ludhiana held from Nov 25th to 29th 2016.

- 1) Dr. RAVI R., Professor & HOD gave a lecture on "Bundled Interventional Analgesia for Day Care Surgery".
- 2) Dr. M. J. M. SHARMA, Professor gave a lecture on "Management of Peri-operative Arrhythmias"

## DEPARTMENT OF MEDICINE

### 1. Diabetes foot care team :

Diabetes foot care team was setup on 1-09-2016 at Bapuji Hospital, J.J.M. Medical College to bring about awareness among the diabetes patients about foot care. Global awareness on diabetes foot care is increasing along with foot care problems. WHO and IDF have made vigorous efforts in preventing diabetes foot care problems. A team of specialist doctors, postgraduates, interns, technicians, and nurses was setup under the guidance of Principal Dr. Manjunath Alur who is a well-known diabetologist and taken personal interest in conducting regular programs annually, how helps in preventing lot of limb amputations. In an attempt to educate the diabetics and create awareness among them regarding the care towards their feet, Dr. Ramesh, Dr. Ravi G. O., Dr Rudraiah, Dr Basavaraj and Mr. Kannan (Chiropodist) with the help of supporting staff provide services at the hospital.

### 2. World diabetes day celebration :

On 14th November 2016 World diabetes day was celebrated. A procession was taken in and around the city of Davangere by the teaching staff, undergraduate, Post-graduate students and nurses to create awareness on diabetes with a slogan "eyes on diabetes". Nearly 1500 people attended the procession, which covered all the major streets of Davangere city. The public were given handouts with literature on diabetes prevention and control. Later a seminar on diabetes was organized at the college.

## DEPARTMENT OF PEDIATRICS

### Individual activities of Staff members

Dr. C. R. Banapurmath, Professor of Pediatrics.

- 1) Participated in the session in 6th National IYCF Conference at Govt. Medical College, Chandigarh, Oct 2016 Topic: Un folding the mystery of Lactogenesis.
- 2) Conducted workshop & delivered Dr. Nirmala Kesaree Endoment lecture at South PEDICON - 2016 at Shivamogga - Oct. 2016.
- 3) Delivered guest lecture at Dr. George Convention Centre JNMC, Belgaum in the fourth Annual National Pediatric conference of Pediatric education (NCPE) on 18th Oct 2016.
- 4) Conducted one day IYCF workshop for IAP Nppani branch on 13.11.2016

**Dr. P. S. Suresh Babu, Professor of Pediatrics.**

Participated in a session at South PEDICON-2016 in Shivamogga, Oct. 2016 **Topic :** Respiratory case scenarios

**Dr. S. Mruthyunjaya, Professor of Pediatrics.**

Participated in the debate on " If there is no milk on day-4, top feeding can be done at South PEDICON - 2016 - Shivamogga, Oct. 2016

**Dr. Nagamani Agarwal, Professor of Pediatrics.**

Delivered a Guest Lecture at PEDICON - 2016 at Shivamogga on 14-10-2016. **Topic :** Management of Urinary Tract infections in children & Peritoneal dialysis workshop.

**Dr. Madhu S. Pujar, Asso-Prof. of Pediatrics**

Delivered a Guest Lecture at Bagalkot Handling of Pediatric Emergencies (HOPE) workshop on 18th & 19th September - 2016 **Topic :** 1) Stabilization & trainer of sick child. Seizures & unconscious child.

2) Delivered a Guest lecture in Shivamogga on the occasion of South PEDICON-2016 on 14.10.2016.

**Topic :** High flow nasal oxygen delivery in children.



## Academics and Achievements

Dr. Gayathri H. A, Asso-Prof. of Pediatrics Attended TOT of Basic NRP

Dr. Manjunatha Sarthi, Asso-Prof. of Pediatrics

Delivered a Guest Lecture on PEFR is not enough at South PEDICON-2016 at Shivamogga on Oct-2016.

Dr. Raghavendra, M.D., Asst-Prof. of Pediatrics Attended TOT of Basic NRP

### DEPARTMENT OF NEONATOLOGY

1. Dr. G. Guruprasad, Attended South Pedicon Conference 2016 held at Shivamogga on 15th Oct & 16th Oct and moderated a Panel Discussion on "Nosocomial sepsis" - Prevention and Management.
2. Dr. Chaitali R. Raghoji, Attended Pre Conference workshop as Faculty for AdvanceNRP held at South Pedicon conference held at Shivamogga on 14th Oct 2016.

### POSTGRADUATE SECTION

#### DEPARTMENT OF PHARMACOLOGY

PG Presentation at IPSCON-2016 at PGI Chandigarh, 21-23 October 2016

#### Publication :

Dr Arun S., Dr. Narendranath S., Dr. Pallavi M. K., Dr. Srinivas L. D., Dr. Shashikala G. H., Dr. Imran M., Dr. Suresh G. R. A pilot study on the effect of angiotensin receptor blockers on platelet aggregation in hypertensive patients- A prospective observational study. Journal of Clinical and Diagnostic Research. 2016 Nov ; 10(11) : FC 14 - FC 16

### DEPT. OF COMMUNITY MEDICINE

Sl. No.	Name of the Topic	Paper / Poster	Name of the Presenter	Name of the Guide
1.	Sexual Risk Behaviour Among Long Distance Truck Drivers of Southern India	Paper	Dr. Babu Dilip	Dr. Shuba D. B.
2.	Behavioural Risk Factors for non-Communicable diseases among adult Population in Urban field practice area of JJMMC Davangere	Paper	Dr. Richa Garg	Dr. Shuba D. B.
3.	A Study on Geriatric Depression in an Urban Slum of Davangere City	Poster	Dr. Ruchi Dhar	Dr. Vidya G. S.
4.	Trend Analysis Of Cervical Cancer In A Tertiary Care Hospital In Davangere From 2006-2015	Poster	Dr. Swathi S. Aithal	Dr. Sarvamangala
5.	Assessment of Economic Burden for Management of Type II Diabetes Mellitus	Paper	Dr. Satish Ghatge	Dr. Anurupa, Dr. Shuba D. B.

### DEPARTMENT OF ANESTHESIA

Sl. No.	Name of the Topic	Presented by	Guide	Type of Presentation
1.	Patient with severe kyphoscoliosis :anaesthetic challenge	Dr. Praveenkumar Katlinge	Dr. Ravishankar R. B.	E-poster
2.	Open cholecystectomy under thoracic epidural block in patient with 30 weeks of gestation	Dr. Vivek M. P.	Dr. Ravishankar R. B.	E-poster
3.	Anaesthetic management of a case of ASD with mild pulmonary hypertension for femur fracture	Dr. Satish S. Hadimani	Dr. Santosh K. G.	E-poster



## Academics and Achievements



Sl. No.	Name of the Topic	Presented by	Guide	Type of Presentation
4.	Airway management in a basal cell carcinoma patient	Dr. Sridhara	Dr. Ramappa B.	E-poster
5.	Comparision of ropivacaine with fentanyl and bupivacaine with fentanyl in labour analgesia	Dr. Sridhara	Dr. D. B. Prakash	Paper
6.	Anaesthetic management of patient with osteogenesisimperfecta posted for femur fixation	Dr. Rahul Baby Joseph	Dr. Priyadarshini M. B.	E-poster
7.	Anaesthetic management of a case of shah waardenburg syndrome with difficult airway	Dr. Priyash Verma	Dr. Ravishankar R. B.	E-poster
8.	Anaesthetic and icu management of a case of hellp syndrome	Dr. Swathi Pandurangi	Dr. Ravishankar R. B.	E-poster
9.	A prospective cohort study on anemia and blood transfusion in critically ill patients	Dr. Manchala Ravi Kumar	Dr. Ravishankar R. B.	Paper
10.	Comparison of supreme laryngeal mask airway with endotracheal intubation in laproscopic surgeries	Dr. Pavithra Y. B.	Dr. M. J. M. Sharma	Paper
11.	Anaesthesia for a paediatric patient with extra hepatic portal vein obstruction posted for splenectomy and porto-systemic shunt	Dr. Jaya Chandra Tentu	Dr. D. B. Prakash	E-poster
12.	Anaesthetic management of a case of fahrs syndrome	Dr. Madhumitha Vherady	Dr. Anitha H.	E-poster
13.	Paturient with severe kyphoscoliosis:anaesthetic challenge	Dr. Kavitha A. R.	Dr. Priyadarshini M. B.	E-poster
14.	Icu sedation - a comparison between dexmedetomidine and midazolam	Dr. M. V. Naveen	Dr. D. B. Prakash	E-poster
15.	Anaesthesia for 8 year male posted for laproscopicadrenalectomy	Akella Sri Harsha	Dr. Santosh K. G.	E-poster
16.	Anaesthetic management for a child with tetralogy of fallot for non-cardiac surgery	Sagar Matta	Dr. Priyadarshini M. B.	E-poster

### DEPARTMENT OF PEDIATRICS

Posters Presentation During State Conference of I.A.P. PEDICON - 2016 at Shivamogga : Oct - 2016

Sl. No.	Poster	Author	Co-Authors
1.	A Rare case of Acrocallosal Syndrome	Dr. Shees Ismail Kazia	Dr. Siddalinga H., Dr. Varun B. K. Dr. Raghavendra D. M.
2.	Primary subphrenic abscess inInfant	Dr. Soumya Reddy	Dr. Naveen G. Nadig
3	Non Immune hydropsfetals secondary to maternal exposure of propylthiouracil- A rare case report	Dr. Rajesh Reddy K.	Dr. Raghavendra D. M. Dr. Varun B. K.



## Academics and Achievements

Sl. No.	Poster	Author	Co-Authors
4.	Fanconi pancytopenia syndrome	Dr. Syed Rahamathullah K.	Dr. Madhu S. Pujar Dr. M. B. Koujalagi
5.	Holt oram syndrome	Dr. Siddartha E. S.	Dr. Naveen G. Nadig
6.	Tracheal foreign body masquerading as severe wheeze - A case report	Dr. Prakruthi K. D.	Dr. Vishrutha K. Dr. A. C. Basavaraj
7.	True knot	Dr. Rampa Snitha Reddy	Dr. Gayathri H. A.
8.	Variant of amyoplasia congenital; amyoplasia congenital disruptive sequence	Dr. Manjunatha S.	Dr. Naveen G. Nadig Dr. Gayathri H. A., Dr. A. C. Basavaraj Dr. Guruprasad G.

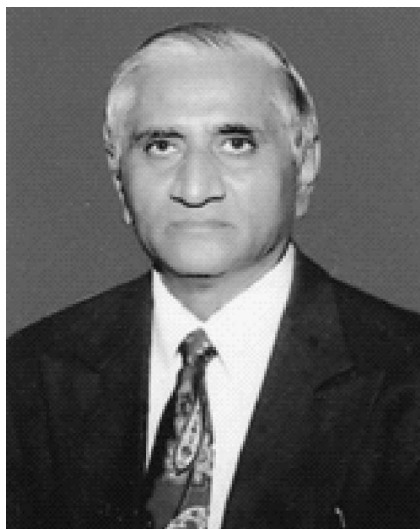
Sl. No.	Poster Presentation	Author	Co-Authors
1.	Asphyxiating thoracic dystrophy	Dr. Suraboina Satish Kumar	Dr. Manjunatha Sarthi.
2.	Osteogenesis imperfect syndrome, Type-II (Osteogenesis imperfect congenital, vrolik disease)	Dr. Minu K.	Dr. Naveen G. Nadig Dr. A. C. Basavaraj
3.	Dyskeratosiscongenit - A rare disorders	Dr. Laxmi Divya P.	Dr. Soumya A., Dr. Madhu S. Pujar Dr. M. B. Koujalg Dr. G. R. Basantha Kumar
4.	Craniofrontonasal dysplasia	Dr. Pranitha M.	Dr. Sandeep, Dr. Naveen G. Nadig Dr. A. C. Basavaraj
5.	Incontinentiapigmenti syndrome (Bloch Sulzberger syndrome)	Dr. Chinmaya H. L.	Dr. C. R. Banapurmath Dr. A. C. Basavaraj
6.	Cayler syndrome	Dr. Manu C.	Dr. S. S. Majigoudar
7.	Grebe syndrome (Non lethal form of dwarfism)	Dr. Pankaja G. P.	Dr. Naveen G. Nadig Dr. A. C. Basavaraj

### Papers Presentation During State Conference of I.A.P. PEDICON - 2016 at Shivamogga : October - 2016 PAPER PRESENTATIONS

Sl. No.	Poster Presentation	Author	Co-Authors
1.	Prevention of parent to child transmission of HIV (PPTCT) programme in BCHI & RC - A decade analysis	Dr. Siddartha E. S.	Dr. Mruthyunjaya S. Dr. C. R. Banapurmath
2.	Foreign body aspiration in children : An 8 years retrospective analysis	Dr. Soumya Reddy	Dr. Ramesh H.
3.	Evaluation of serum insulin, glucose tolerance and lipid profile in beta Thalassemia major patients & their co-relation with iron overload	Dr. Sahalini Prakash	Dr. Nadini M., Dr. B.B. Kojalgi Dr. C. R. Banapurmath Dr. Madhu S. Pujar
4.	Outbreakof hypernatremia, hyperthermia & azotemia during summer months amongst neonates admitted to tertiary care (NICU) and their immediate outcome.	Dr. Manu C.	Dr. Chaitali R. Raghoji Dr. G. Guruprasad



**Congratulations to Dr. Gurupadappa H.**  
**Sir for being honored with Doctor of Letters (D.Litt.)**  
**by University of South America, USA for his exemplary contribution**  
**in the field of Medicine and research.**



**Brief Bio Sketch of Dr. Gurupadappa H.**

Dr. Gurupadappa H., was born as 3rd son to Sri H. Siddlingappa, and Smt. Rudramma, in Hedne Village of Chitradurga District. He has done his schooling and Intermediate in Davangere. He is blessed with 4 children and 2 of his sons are doctors.

Dr. Gurupadappa H., did his MBBS from the prestigious Mysore Medical College in the year 1955 and was mentored during his MBBS days by Dr. Adhikeshavalu, and Dr. Govind Shetty. He did his M. D. General Medicine from Guntur Medical College in the year 1961, during his Post-Graduate tenure he was greatly influenced by Dr. Kodandaramiah, and Dr. Lakshman Rao.

Dr. Gurupadappa, started his career at Mysore Medical College and in a short span of time he gained name and fame and became the most popular teacher among UG & PG Students. He was the consulting Physician for the Mysore Royal Family.

Dr. Gurupadappa later continued his service at Bangalore Medical College where he was acclaimed for his clinical skills and teaching by colleagues.

Dr. Gurupadappa, worked at KIMS-Hubli from 1966-1971.

Mr. Siddaveerappa, late Health Minister of Karnataka identifying his potential brought him to J.J.M. Medical College, Davangere, where he served as the longest serving Principal at J.J.M. Medical College spanning 2 decades, during his tenure at J.J.M. Medical College he was instrumental in getting Post-Graduate seats in all departments.

Dr. Gurupadappa, is well known among medical fraternity and students as "Teacher of Teachers".

Dr. Gurupadappa, has served as syndicate member to Various universities like Gulbarga, Kuvempu, Mysore and has worked in various capacities at University and Medical and Dental Council of India.

Dr. Gurupadappa, has been on panel of examiners for MD & DNB and he has visited Russia, America and UK to delivered invited talks at various medical forums. He has also delivered invited talks at various Indian Universities.



## Reprint Request - Informed Consent in Medical Practice

The modern version of Hippocratic Oath is the "Declaration of Geneva" which says "The health of my patients will be my first consideration" which binds the physicians to promote and safeguard the health of all his patients. Obtaining informed consent is now a routine in day to day clinical practice and with the medical faculty being included in the consumer protection Act-1986, the doctors have to be more vigilant in dealing with the care of their patients. It is widely accepted today that the doctor should negotiate rather than dictate in the best interest of the patient.

### INTRODUCTION

The Hippocratic Oath prevalent for many centuries had granted doctors, the right to decide upon in the best interest of the patient. But this was conflicted with the trends of the twentieth century, i.e. right to freedom to control health as well as avoiding nonconsensual medical treatment.

In clinical practice, the disclosure of risks developed from the obligation on doctors to obtain their patients consent before a medical intervention. Gradually the notion of consent evolved into informed consent, with the emphasis made on information about risks. The professional approach towards consent became serious only after a physician was sued in 1767 by the British Court, in which he had set the patients Femoral fracture in accordance with the practice prevalent at that time. But at a follow up visit he re-broke the healing fracture and placed the bone in a newly invented Mechanical device with teeth. The Judge concluded that the physician should have had obtaining it. Thus for the first time consent was judged as "professional standard of behavior"

The first case which led to the concept of informed consent was the case of *Mohr v/s Williams* in 1905. In this case Ann Mohr gave her consent to the surgeon for an operation on her right ear, while operating the doctor felt that actually her left ear needed surgery and he conducted surgery on it. In this case the Judge opined that the doctor needs to advice a patient regarding the intervention and only after he does the patient enters into a contract, which authorizes the surgeon to operate only to the extent of the consent given.

However, in some situations the Courts have invariably recognized the possibility that complete diagnosis of an integral ailment may not be certain until the incision has been made and the organ is laid bare. So when a surgeon is confronted with an un-anticipated condition for which immediate action is required, he is justified in extending the

operation and doing whatever is necessary to save the life of the patient. This is referred to as the "extension Doctrine".

### What is informed consent?

Informed consent requires 4 vital components.

- ▶ Mental capacity of patient to enter into contract. (ability to understand information given)
- ▶ Complete information.
- ▶ Voluntary acceptance.
- ▶ Decision making.

A pseudo- formula has been devised for a better understanding, which is

$C+I=U$

$U+V=D$

Where C is a competent patient, I is the information given, U is understanding by the patient, V indicates that the patient decision is voluntary, and D is the decision.

In simpler terms the doctor discloses information to a patient who is competent; the patient understands the information and makes a decision voluntarily.

The decision regarding any diagnostic as well as therapeutic purpose can be made only with the full knowledge in terms of:

- ▶ Condition (disease) of the patient.
- ▶ Purpose and nature of intervention.
- ▶ Consequence of such intervention.
- ▶ Risks involved.
- ▶ Any alternatives available.
- ▶ Prognosis in the absence of intervention.

The knowledge regarding the intervention should be in an understandable (Vernacular) language, so that decision can be made by the patient voluntarily.

### Exceptions to informed consent

- a) Emergency cases :In case of unconscious patient with imminent danger to life without any relative at that time, the Law presumes that consent has been deemed as given.
- b) Incompetence: The delirious, unconscious, senile and psychotic patients who are unable to make rational decision can be treated without informed consent involving the "Emergency Doctrine".
- c) Therapeutic privilege: In case if the doctor suspects that passing full information would have detrimental effect on the health of the patient, he need follow the



# Reprint Request - Informed Consent in Medical Practice



"Doctrine of full disclosure". In such a situation the doctor need not? Take consent from the patient; instead he should disclose full information to the competent relative of the patient.

d) Other situations where consent need not be taken:

- ♦ A person suffering from disease under "notified" category.
- ♦ Prisoners.
- ♦ Examination under court order.
- ♦ Request police by under Sec 53 (1) C.R.P.C.

## CONCLUSION

In the current medical practice, most therapeutic as well as diagnostic procedures involve risks. It is the duty of the physician to promote and protect the health and basic fundamental rights of the patient. Today the informed consent is written with the intent to protect the medical profession from lawsuits. However the law cannot script the consent, so what should be included in a informed consent is still a matter of debate and research. In India the real enemy of informed consent is insufficient resource and inadequate manpower to allow enough available time for detailed communication to occur. Lastly it should be remembered that an informed consent is a patient's right and a physician's duty.

## SAMPLE OF CONSENT FORM

Patient's Name : .....

Cr No. : .....

- 1) I ..... aged ..... S / D W/ of ..... address ..... state that I am admitting myself under the care and supervision of Dr. .... for the treatment, voluntarily without coercion under influence.
- 2) I hereby consent and agree to the administration of all necessary medications, intravenous fluids etc. and also to subject myself to all necessary investigations as my attending Physician advises.
- 3) I agree to the administration of ..... (type of anaesthesia) by Dr. .... for the performance of ..... (procedure) by measures as may be deemed necessary. I have explained the risk of anaesthesia as well as pre-anaesthetic precautions to be taken.
- 4) I further say that I have been explained and I have

fully understood the nature and the procedure involved in my treatment, the administration of anaesthesia, the surgical procedure, administration of drugs, investigations along with the risks and benefits involved and consequence of non treatment.

- 5) I have had an opportunity to ask all questions regarding my illness / treatment and the same has been satisfactorily answered by the treating doctor. No guarantee has been given to me with respect the results of the treatment.
- 6) I also consent to the assistants such as residents, nurses, staff as my treating doctor deems necessary.
- 7) I agree to the disposal by the hospital authority of any tissue that may be removed in the course of my treatment and agree to the publication of my treatment for scientific or educational purpose provided my identity is not revealed.
- 8) I agree to being transferred to any other hospital during any time of the treatment, if it is beneficial for my health.
- 9) I further say that I have informed about all my previous illnesses, treatment, allergies and all other relevant facts. I shall not hold the doctor responsible for the consequences due to the non-disclosure of the facts.
- 10) The above has been explained to me in my own language and I have understood the same and I am signing this consent by my own free will.

Signature of patient

Date : .....

Place : .....

Time : .....

Signature of witnesses with address :

1) .....

2) .....

I hereby declare that I have explained in detail regarding the case to the patient and answered all his question to his satisfaction in a language that he could understand.

Place : .....

Date & time : .....

Signature of the doctor

■ Dr. Santhosh C. S.,  
Professor & Head  
Dept. of Forensic Medicine.



## History Behind Contributions in Medicine

- 1) **Insulin** : In 1921 the Canadian scientists Fredrick G. Banting and J.J.R. Macleod discovered insulin. They extracted insulin from the islets of animal pancreases by ligating pancreatic ducts. Till then type 1 diabetes was a virtual death sentence for patients suffering from it. The scientists refused financial gain in order to serve science, research and humankind - and to conquer diabetes, for which they received the Noble Prize in 1923.



Fredrick G. Banting



J. J. R. Macleod

- 2) **Blood transfusion** : Dr James Blundell, a British obstetrician, performs the first successful transfusion of human blood to a patient for the treatment of postpartum hemorrhage. Using the patient's husband as a donor, he extracts approximately four ounces of blood from the husband's arm and, using a syringe, successfully transfuses the wife. Between 1825 and 1830, he performs 10 transfusions, five of which prove beneficial to his patients, and published these results. He also devised various instruments for performing transfusions and proposed rational indications.



Dr. James Blundell

- 3) **ECG** : It was known that the beating of the heart produced electrical currents, but there were no instruments to measure this phenomenon accurately. In 1901, Willem Einthoven invented string galvanometer which used a very thin filament of conductive wire passing between strong magnets. When a current passed through the filament, the magnetic field created by the current would cause the string to move. A light shining on the string would cast a shadow on a moving roll of photographic paper, thus forming a continuous curve showing the movement of the string. The original machine required water cooling for the powerful electromagnets required 5 people to operate it and weighed some 270 kilograms.



Willem Einthoven

- 4) **First Heart Transplant** : The first successful human to human heart transplant was done by a South African surgeon named Dr. Christiaan Barnard in 1967. His surgical team removed the heart of a 25-year-old woman who had died following an auto accident and placed it in the chest of Louis Washkansky, a 55-year-old man dying of heart damage. The patient survived for 18 days.



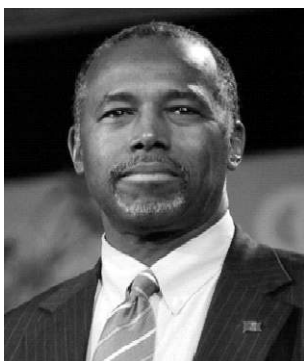
Dr Christian Barnard

- 5) **Modern Nursing** : Florence Nightingale is considered to be a founder of Modern Nursing and International Celebrated around the world on her birthday i.e 12th May. She was the one who gave nursing a highly favourable reputation while serving as manager of nurses during Crimean war. She is possibly most famous nurse in the history and known as "The Lady With Lamp" as she took rounds of wounded soldiers at night.



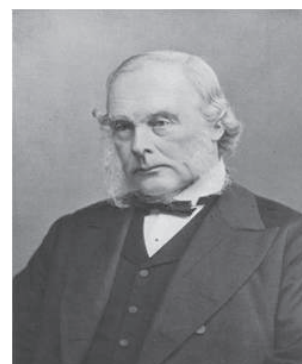
Florence Nightingale

- 6) **Neurosurgery** : Benjamin Solomon "Ben" Carson is pioneer in neurosurgery and his greatest achievements include first successful separation of conjoined twins, first successful neurosurgical procedure on a fetus inside the womb, first completely successful separation of type-2 vertical craniopagus twins, development of new methods to treat brain-stem tumors, and reviving hemispherectomy techniques for controlling seizures. He became the youngest chief of pediatric neurosurgery in the country at age 33. He has received more than 60 honorary doctorate degrees, dozens of national merit citations, and written over 100 neurosurgical publications. In 2008, he was bestowed the Presidential Medal of Freedom, the highest civilian award in the United States.



Dr Benjamin Solomon Carson

- 7) **Asepsis** : Sir Joseph Lister, was a British surgeon who first introduced antiseptic surgery. He used basic idea of Louis Pasteur to use chemical solutions to control infections in surgical practice. Lister used carbolic acid (phenol) to sterilise surgical instruments and to clean wounds, which led to a reduction in post-operative infections and made surgery safer for patients, distinguishing himself as the "father of modern surgery". Concept of surgical hand wash before surgery was first introduced by him.



Sir Joseph Lister

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# Non adherence to medications - A therapeutic challenge!

## Introduction

WHO definition of adherence has been universally accepted; which says it is the extent to which a person's behavior - taking medication, following a diet, and or executing lifestyle changes - corresponds with the agreed recommendations from a provider. This definition highlights the importance of an active involvement of the patient with the health professionals with a good communication. Nonadherence is a challenge in all diseases; it is independent of the type of drug and whether the therapy is chronic or acute. It is a multifaceted concept; the focus may be not only on taking drugs but also on timing<sup>1</sup>.

- ▶ Medication adherence in diabetic patients significantly varies from 36% to 93%.<sup>2</sup>
- ▶ Approximately 50% of patients with cardiovascular disease have poor adherence to their prescribed medications.<sup>3</sup>
- ▶ Between \$100 and \$300 billion of avoidable health care costs have been attributed to nonadherence in the US annually.<sup>4</sup>

## Determinants of non adherence to medical treatment (according to WHO)

- ▶ Social and economic factors - cost of treatment
- ▶ Health system related factors - patient and prescriber information, follow - ups
- ▶ Condition related factors - characteristics of disease, severity, acute or chronic
- ▶ Patient related factors - Patients own view of required therapy, cognitive functioning, health literacy, Motivation for self-care
- ▶ Therapy related factors - multiple therapy, adverse drug reactions, duration of therapy

## Tools to improve medication adherence

- ▶ Behavioral interventions - Behavioral interventions aim to change individual behavior in those aspects related to everyday life; in case of adherence, they aim to modify patient's behavior toward treatment.

There is a growing interest in the development of effective behavior interventions, particularly for elderly people, in which behavioral counseling is directly offered to patients by health care professionals.

- ▶ Educational interventions - Health care providers can educate patients to promote medication adherence by adequately explaining how to take a medicine, by raising and discussing with patients any reluctance to take medicines
- ▶ Integrated care interventions - group of techniques and organizational models to enhance connectivity, alignment, and collaboration within and between health care providers at different levels. Integrated care interventions aim to increase quality of care and of life and intensify health care satisfaction and efficiency for providers and patients with complex health problems.
- ▶ Self-management interventions - Self-management interventions, which include patient education, reminders, and, have benefits for patients with chronic diseases,
- ▶ Risk communication interventions - Risk perception is a core dimension of intentional nonadherence to medications. Effective risk communication by health care professionals is therefore central to ensure information about risks and benefits being communicated accurately to enable patients to take informed decisions
- ▶ Packaging and daily reminders - It includes reminder phone calls, text messages, pagers, interactive voice response (IVR) systems, video telephone calls, medication boxes, or personalized blisters. reminder in any variation and reminder packaging have a positive impact on medication adherence and often also on clinical results.

## Conclusion

Poor adherence is associated with high health care costs, lower quality of life, and poor health outcomes. A lot of interventions to improve adherence to medical plans have been described in literature, despite some isolated success, most interventions failed in their aims as most of the studies are on short term adherence.<sup>5,6</sup> It will be important in future research to evaluate the efficacy of intervention tools on long-term effect and to find new and innovative single-intervention strategies to improve adherence and methods to monitoring adherence.

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## Non adherence to medications - A therapeutic challenge!



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Dr. Narendranath S., Associate Professor  
Dr. Shashikala G. H., Professors and HOD  
Department of Pharmacology, JJMMC.

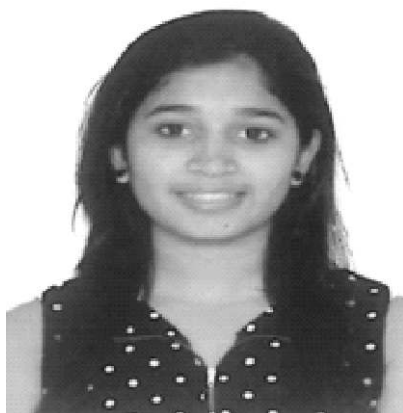
## RGUHS University Blues

The Following Students are representing the University at Various Sports Events.

### Swimming

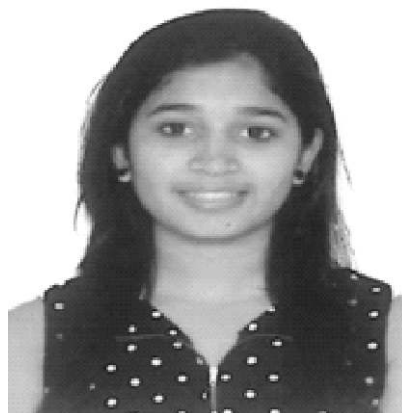


Miss. Bhoomi R. Motwani



Miss. Minal B. Shivaprakash

### Basketball Women



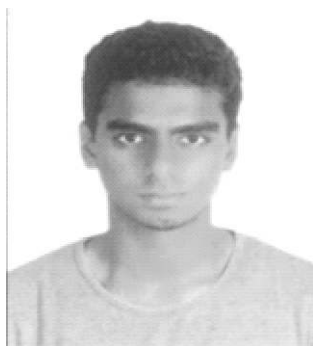
Miss. Minal B. Shivaprakash



Miss. Anusha Balaji



## Basketball Men



Mr. Rohit N.

## Volleyball Women

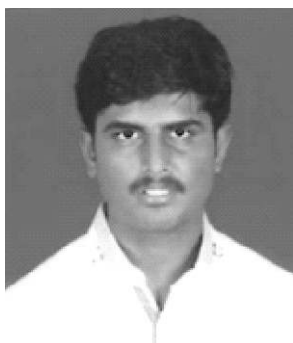


Miss. Anusha Balaji



Miss. Anushree C. M.

## Cricket



Mr. Lingesh K. S.



Mr. Sanamesh Hattalli

## Kho-Kho (Men)



Mr. Rakesh H. R.



Mr. Maruthi K.

## Football



Mr. Anas P.

## Obituary



The staff, Postgraduates, interns, and non-teaching staff of J.J.M. Medical College deeply mourn the sad demise of Dr. Vishwakumar S. N., Professor & HOD of General Medicine.

## ATTENTION PLEASE

**T**he submission for the next issue (April 2017) of the News letter should be done before 10<sup>th</sup> March 2017. All the Photos should be in JPEG format. Please send the copy of the material in the form of soft copy as well as hard copy through the department co-ordinator within the stipulated time and cooperate.





Deeply Mourned by Teaching & Non-Teaching Staff, Undergraduates & Post-graduates of J. J. M. Medical College, Davanagere.





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**DIABETES FOOT CARE TEAM**

WORLD DIABETES DAY CELEBRATION

