



IKDRC-ITS

BULLETIN

VOLUME : 21 NUMBER : 4 : October 2013



We wish all our readers a
Very Happy Diwali and
Prosperous New Year!



INSTITUTE TEAM SHINES IN THE 12TH INTERNATIONAL CONGRESS OF CELL TRANSPLANTATION SOCIETY AT MILAN, ITALY

The 12th Congress of International Cell Transplantation Society (CTS) was held from 7th to 11th July, 2013 in Milan, Italy. Six papers were presented in this meeting one each, by Professors H.L. Trivedi, Pankaj Shah, Aruna Vanikar, and Dr. Umang Thakkar, Dr. Vivek Kute and Ms. Shruti Dave. Prof. Trivedi presented his data of tolerance induction in 90 patients who underwent living related kidney transplantation and are living a normal life with no/ minimal immunosuppression for more than two and a half years. Ms. Shruti Dave, Junior Scientific Officer in the lab was awarded with "Young Investigator's Award" for presenting her research on generation of T-regulatory cells from donor MSC and immunosuppressed kidney transplant patients' blood. Our second area of major presentation was insulin-secreting cells generated from adipose tissue derived mesenchymal stem cells. Data of their successful utilization in 20 diabetic patients was demonstrated by Dr. Umang Thakkar. Dr. Vivek Kute demonstrated the initial data of 5 diabetic patients with chronic renal failure who were subjected to these combined stem cell infusion. All these patients have done well with minimum immunosuppression, zero rejection and reduction in insulin requirement to about 50% of their original need (before kidney failure).

Prof. Pankaj Shah presented a poster on our experience of stem cell infusion followed by kidney transplantation in diabetic patients with end stage renal failure. At the end Prof. Aruna Vanikar gave a new insight into understanding of the effect of mesenchymal stem cells on controlling antibody mediated injury in renal transplantation.

These presentations stole the show of Milan meeting. In fact the well-known diabetologist from Miami, Florida, USA, Prof. Camillo Ricordi (Honorary President of the Congress) and Prof. Stephen Storm from Karolinska University who was the President of International Cell Society along with many other stalwarts of the field took note of this work.

DEPUTY DIRECTOR SALUTES THE INDIAN NATIONAL FLAG ON 15TH AUGUST, '13

Thursday, 15th August, '13 was the 67th independence day of the nation. Director Dr. H L Trivedi addressed the gathering of staff members and patients after flag hoisting and saluting the flag. Dr. Veena Shah and Shree Madhav Ramanuj, our Chief of H.R.D. also addressed the gathering. **INSTITUTES CELEBRATE 82ND BIRTHDAY OF THEIR FOUNDING DIRECTOR**

This year donation of about Rs. 2 crore was raised with generosity of people of all walks of life on the occasion of 82nd birthday of Dr. Trivedi which was celebrated as usual as "Poor patients' relief day". Shree Nitinbhai Patel, Honorable minister of Health and Family Welfare was the Chief guest for the function who released the souvenir on this occasion. Other guests were Shree Piyush Desai (Wagh Bakri Cha)



Smt. Gulabben Rasiklal Doshi
&
Smt. Kamlaben Mafatlal Mehta

INSTITUTE OF KIDNEY DISEASES
&
RESEARCH CENTRE



Dr. H. L. Trivedi

INSTITUTE OF TRANSPLANTATION
SCIENCES

Editorial Board

Dr. H. L. Trivedi

Dr. Veena Shah

Shri Madhav Ramanuj

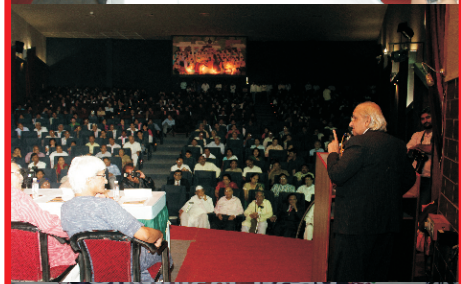
Dr. Aruna Vanikar

Dr. Pankaj Shah

Ms. Jyotsana Suthar



Shree Babubhai Meghijibhai Shah, MLA of Gujarat Legislative Assembly and Ex-Finance Minister, and the noted Gujarati diaro singers Shree Abhesingh Rathod, Shree Bhikhudaan Gadhvi and humorist Shree Shahbuddin Rathod were the honorable guests for the occasion who entertained the audience with grand 'diaro' followed by lighter moments. Shree Vishnu Panaaraa and Smt. Damayantiben Bardai accompanied by their co-artists also entertained the audience.



82nd Birthday of Founding Director Prof. H. L. Trivedi

INSTITUTE ORGANIZES "TRANSPLANTATION UPDATE 2013"

"Transplantation Update 2013" was held from 18th to 20th October, 2013 in our premises. This was our

eleventh year of Transplantation Update series. Olle Ringden, Professor of Transplantation Immunology, from the Department of Laboratory Medicine, Karolinska institute and Prof. Koichi Tanaka, the most eminent liver transplanter of the globe and father figure of Japanese Liver Transplantation program received the honor of Maharshi Sushruta Gnyaanpeeth Sanmaan this year.

"Diabetes and kidney" was one of the main topics addressed by Professors Saundarrajan, Gopalkrishnan from Chennai, Hase from Mumbai, and our own faculty which included Prof Pankaj Shah, Kamal Kanodia and at the end Prof. Trivedi declared to the house that after all these deliberations we had the final solution of insulin making stem cells together with other cells which have treated diabetics with end stage kidney failure rendering them a new life on

minimal medications. Prof. Olle Ringden shared his experience of mesenchymal stem cells and decidual stromal cells in bone marrow transplantation. Prof. Trivedi educated the house on regulatory T-cells. There were about 16 posters and 8 oral papers selected for prize presentations. In oral presentations, Drs. Dinesh Dhanda, Amlan Sarmah and Lovelesh Nigam bagged 1st, 2nd and 3rd prizes respectively. In posters, Drs. Vivek Kute, Jyoti Bansal and Jigar Shrimali bagged the first three prizes. About 200 delegates participated in this event. Prof. S. C. Gopal Ex-Vice Chancellor of BHU, and KGMU, Prof. A. Kumar from KGMU and Prof. R.K.Sharma from SGPGI, Lucknow also participated in this meeting. The other faculty were Drs. Sree Bhushan Raju, Manisha Sahay from Hyderabad and our old alumni. All the participants enjoyed the meeting and declared that the contents were of very high quality.



Transplantation Update 2013 Inaugurated by Prof. Veena R Shah from left to right: Profs. N S Bhandari, Manoj Gumber, Pranjal Modi, S. Chooramani Gopal, H L Trivedi and Lab. staff member Babubhai Patel



Transplantation Update 2013 - Cultural Programme, Shree Ganesh



H.E. the Governor of Gujarat Smt. Dr. Kamala, honoring Prof. Olle Ringden on left side and Prof. Koichi Tanaka on right side with Maharshi Sushruta Gnyaanpeeth Sanmaan

DECEASED DONOR ORGAN TRANSPLANTATION

1. **Mrs. Jayaben Dipakbhai Desai** was a 46 years old housewife living a happy life at Surat. On the morning of 12th July she developed excruciating headache and vomiting. The doctors examined her and she was found to have high blood pressure. She was taken to Mahavir hospital under the care of Neurophysician Aniruddha Apte and Neurosurgeon Asit Desai. On CT scan she was found to have massive brain hemorrhage. She did not respond to any treatment and ultimately on 15th July she was declared brain dead. She was a believer in organ donation from the beginning. The family recollected this and upon counseling of her treating doctors they agreed to donate her organs. Our team moved to Surat and came back with her organs. One of her kidneys was donated to Bhanuben Dineshbhai Baldha, 38 years lady from Jamnagar suffering from solitary kidney with CRF. She was on our waiting list for last 3.5 years. The second kidney went to 18 years old Priyansh Tiwari from M.P. studying in 1st year BSc. He was suffering from CRF associated with reflux nephropathy and was on our waiting list for last 2.5 years. These transplants were carried out on 16th July, 2013. Both are doing well.
2. **Dr. Kabaria, Neurosurgeon** from Bhavnagar called upon Dr. Modi in the busy morning hours of 31st July, 2013 that they had identified a body in unconscious state in an abandoned field of Bhavnagar. On further inquiry the local people informed him that this man was residing there and used to roam around the fields. No one knew anything about him. One fine morning he was found lying

unconscious in an abandoned field. So they brought him to Sir T. hospital where Dr. Kabaria was treating him. In spite of treatment he realized that this man was not going to recover since he was brain dead. Dr. B.D. Parmar, Dean of Bhavnagar Medical college and Dr. Kabaria worked out all the legal issues and decided to arrange for donation of his organs to our needy patients. Thus our team went there and procured his kidneys. One kidney was given to Nutanben Premabhai Patel, 45 years lady from Umargaon, Valsad, suffering from kidney failure and enrolled in our waiting list since last 3 years. The second kidney was not good to be transplanted. She was transplanted on 31st July, 2013 and she is doing well.

3. **Mrs. Shantaben Bhanubhai Patel** was a 59 years old housewife from Valsad. She had lost her husband at a relatively young age of around 40 years. Since then she was efficiently managing their farm and a brick-kiln. She brought up her 2 sons who are now learning to manage the family farm and small industry. On 29th July while mixing and getting the dry manure ready for the farm, she felt dizzy and fainted. She was moved to the nearby "Aadarsh hospital" in Bilimora. The doctors examined her and she was found to have high blood pressure. On CT scan she was found to have massive brain hemorrhage. Hence they advised to move her to a hospital in Surat who would have better facilities. She was taken to Pravara hospital under the care of Dr. Prashant Patel. However she did not respond to any treatment and ultimately on 30th July she was declared brain dead. He motivated her son who is a Jilla panchayat member, to donate her

organs. All the relatives and friends immediately responded positively. So he summoned our team for procuring the organs. One kidney was donated to Brijesh Rameshbhai Shah, 26 years old man from Ahmedabad suffering from CGN-CRF. He was on our waiting list for last 2.5 years. The second kidney and liver went to 28 years old Alok Sharma now settled in Ahmedabad. He lost his 2 transplanted kidneys due to recurrence of oxalosis. These transplants were carried out on 31st July, 2013. Brijesh is doing well however Alok's kidney is not functioning. His liver is doing well.

4. **Mrs. Manjulaben Kishorebhai Dhola** was a 45 years old housewife. Her husband is serving as a machine operator in a private company of Surat. In the early morning of 26th August she suddenly developed paralysis of right side at about 3 am. She was moved to Mahavir hospital under the care of Neurophysician Aniruddha Apte. On CT scan she was found to have infarcted brain. She further deteriorated within an hour and had to be put on ventilator by 4.30 am. Ultimately on 27th August she was declared brain dead. The treating doctors encouraged the family for organ donation to which they agreed. Our team was summoned and procured her organs. One kidney was donated to Tahirabi Gulammohammed Abbasi, 29 years old lady from U.P. She is pursuing PhD in History at Aligarh Muslim University. She is suffering from CGN-CRF and was on our waiting list for last 2 years. The second kidney went to 48 years old Sandipkumar Shrivankumar, serving as Income Tax Commissioner in Surat. He

had MPGN and was on our waiting list since 1 month. These transplants were carried out on 28th August, 2013. Both are doing well.

5. **Shree Vimalbhai Dahyabhai Patel** was a 40 years old man working as Platoon Commander in Home guards at Surat. He was also working as a technician in a private weaving company there. On the night of 3rd September, he had gone out to attend a call from the company. On the highway near Kamrej Sugar factory while driving his bike, he was hit by a four wheeler. He lost his balance and fell off on the highway. The passing by vehicles stopped by and informed his friends through his mobile. The state ambulance 108 was summoned and immediately he was shifted to Dinbandhu hospital nearby. From there he was immediately moved to Smimer hospital in Surat. Unfortunately since there was no vacancy in their ICU he had to be moved to Mission hospital, Surat under the care of Drs. Amit Shah and Gaurang Desai. On CT scan he was found to have massive brain hemorrhage and was soon declared brain dead. His wife had lost her life in her first delivery and he had donated her eyes that time. Thus the family was already motivated for organ donation. Thus on finding about his prognosis, his brother and sisters took the decision of organ donation. Our team was summoned and procured her organs. One kidney was donated to Urvesh Pravinbhai Shah, 31 years old man who had lost his first transplanted kidney taken from his mother on 12th November, 2010 to chronic graft dysfunction. Urveshbhai was on our waiting list since 6 months. The second kidney and pancreas

were given to 25 years old Sumerabanu Kazi, suffering from diabetes induced kidney failure for last few years and was on our waiting list for the last 6 months. These transplants were performed on 6th September. Both kidneys are doing well however pancreas had to be removed.

6. **Shree Kalidas Haridas Rathwa** was a 7 years old child. He was the son of labourers from Bhavnagar. On 28th September, the child while playing went on highway, and parents were busy in their labour work on roadside. Suddenly there was hue and cry about an accident where a passing vehicle had hit someone. Unfortunately the parents rushed to find their own son lying there! He was moved to Sir T hospital in Bhavnagar under the care of Dr. Kabaria. After MRI he was declared brain dead. Kalidas's father was a laborer in the farm of a friend of an advocate of Bhavnagar, Shree B.N. Mangukia who is also a friend of Dr. Kabaria. Jointly they motivated the laborer for organ donation, to which he agreed. Our team was summoned and procured his organs. One kidney was donated to Nirali N. Soni a young lady of 18 years from Patan. She is in her 12th standard and had lost her kidneys to CGN-CRF. She was on our waiting list for the last 2 years. We also had a young girl of 9 years named Tarjani H. Bhatt studying in 3rd standard in Bharuch. She had kidney failure due to oxalosis. She was under the care of Dr. Modi for the last 5 years. Actually she was booked for living donor transplantation. One of her parents was to donate kidney and the other part of liver. She also has another sister with similar rare disorder for which again the parents are to undergo

similar procedure. Just 3 days before her scheduled transplantation the news of this cadaver donor came and she was subjected to combined liver and kidney transplantation. These transplants were performed on 29th September. Both patients are doing well.



Tarjani Greeting H.E. the Governor on the Occasion of Maharshi Sushruta Gnyaanpeeth Sanmaan

7. **Smt. Amitaben Sanjivbhai Adhvaryu** was a 54 years old lady from Ahmedabad. She was a highly qualified classical music artist (visharad) and hailed from a family of medicos. Her father, brother and son, all are doctors with super-specialization. Her husband is a Chartered accountant and son Nilay is pursuing his studies in Neurology. She had gone to Navsari to meet her parents. On the night of 10th October, she suddenly started vomiting, had dizziness and excruciating headache which repeated by dawn following which she became unconscious. She was taken to Mahavir hospital in Surat under the care of Drs. Asit Desai, Aniruddha Apte and Satyavani. On CT scan she was found to have brain infarct. By next day her blood pressure started dropping and she had cardiac arrest after which she was revived. Her son then took decision of her organ donation. Our team was summoned and procured her organs. One kidney

was donated to Mrs. Bula Gupta, 60 years old diabetic lady originally from Kolkata who was on our waiting list for the last 2 years. The second kidney was given to 55 years old Gunshi Bachubhai Chheda from Bhachau, Kutchh, suffering from hypertension associated CRF and was on our waiting list for the last 2.5 years. These transplants were performed on 15th October. Both are doing well.

OUTDOOR VOLUNTARY BLOOD DONATION DRIVES

We thank the following organizers for arranging voluntary blood donation drives in service of our patients at the institute.

1. Kalupur Cooperative Bank, Ashram road organized by Shree Mudreshbhai Shah, Ahmedabad. 95 units collected. 1st July, 2013.
2. Kalupur Cooperative Bank, Bapunagar, organized by Shree Dashrathbhai, Ahmedabad. 90 units collected. 16th July, 2013.
3. Sachhidanand Sewa Ashram, organized by Shree Ramanbhai Patel, Dantali. 62 units collected. 21st July, 2013.
4. Narayani School, organized by Shree Rancchodbhai Solanki, Ahmedabad. 182 units collected. 25th August, 2013.
5. ISRO housing colony, organized by Shree Suraj Nair, Ahmedabad. 62 units collected. 21st September, 2013.

PUBLICATIONS

Department of Nephrology

1. Outcome of second kidney transplant: A single center experience. **Gumber MR**, Jain SH, Kute VB, Shah PR, Patel HV, Vanikar AV, Modi PR, Trivedi HL. Saudi J Kidney Dis Transpl 2013;24 (4): 696-701.

2. Kidney transplantation with positive complement-dependent lymphocytotoxicity crossmatch with negative flow crossmatching and Luminex donor-specific antibodies. **Kute VB**, Vanikar AV, Gumber MR, Trivedi VB, Shah PR, Patel HV, Balwani MR, Modi PR, Trivedi HL. Ren Fail. 2013;35(7):1027-30

3. Meningioma in long-term survivor after renal transplantation. **Kute VB**, Patel HV, Vanikar AV, Shah PR, Gumber MR, Balwani MR, Trivedi HL. Indian J Nephrol 2013; 23:393-4.

4. Outcome of renal transplantation from deceased donors after cardiac death: a single-center experience from a developing country. **Kute VB**, Vanikar AV, Shah PR, Gumber MR, Patel HV, Modi PR, Rizvi SJ, Shah VR, Trivedi HL. Transplant Proc. 2013; 45(6):2147-51.

5. Successful renal transplantation from a brain-dead deceased donor who died from snakebite: a case report. **Kute VB**, Vanikar AV, Patel HV, Gumber MR, Shah PR, Engineer DP, Modi PR, Rizvi SJ, Trivedi HL. Transplant Proc. 2013; 45(7):2801-3.

6. Ten kidney paired donation transplantation on World Kidney Day 2013: raising awareness and time to take action to increase donor pool. **Kute VB**, Vanikar AV, Shah PR, Gumber MR, Patel HV, Engineer DP, Modi PR, Rizvi SJ, Shah VR, Modi MP, Kanodia KV, Trivedi HL. Ren Fail. 2013; 35(9) : 1269-72.

7. Combining kidney paired donation with desensitization increases renal transplantation rate in highly sensitized patients.

Kute VB, Vanikar AV, Patel HV, Shah PR, Gumber MR, Engineer DP, Trivedi HL. Indian Journal of Transplantation 2013; 7 (3): 109-111. (Non Index)

8. Mesenchymal Stem Cells and Solid Organ Transplantation. **Trivedi HL**, Vanikar AV. CellR4 2013; 1 (2): e377

Department of Pathology

1. Renal transplantation in idiopathic thrombocytopenic purpura. **Kanodia KV**, Vanikar AV, Shah PR, Trivedi HL. Saudi J Kidney Dis Transpl. 2013; 24(4):793-794.

2. Plasmodium vivax malaria associated with acute post infectious glomerulonephritis. **Kanodia KV**, Vanikar AV, Kute VB, Trivedi HL. Ren Fail. 2013;35(7):1024-6.

3. Non-functional adrenal gland ganglioneuroma: Case report. **Patel RD**, Vanikar AV, Trivedi HL. Research Journal of Endocrinology and Metabolism 2013; 1(1): 1-3.

4. Management of type 1 diabetes mellitus using in vitro autologous adipose tissue trans-differentiated insulin-making cells. **Dave SD**, Trivedi HL, Chooramani SG, Chandra T. BMJ Case Rep. 2013 Jul 26;2013.

5. Incidentally Detected Lymphatic Filariasis in a Renal Allograft Recipient. **Vanikar AV**, Suthar KS, Kute VB, Rizvi SJ, Trivedi HL. Int J Org Transplant Med 2013; 4 (3): 119-20.

6. Primary renal carcinoid tumor. **Kanodia KV**, Vanikar AV, Patel RD, Suthar KS, Kute VB, Modi PR, Trivedi HL. Saudi J Kidney Dis Transpl. 2013;24(5):988-90.

7. Extrinsic Factors Promoting Insulin Producing Cell-Differentiation

And Insulin Expression Enhancement-Hope For Diabetics. Dave SD. Curr Stem Cell Res Ther. 2013; 8(6):471-83.

Department of Anaesthesia

1. Analgesic efficacy of peritubal infiltration of ropivacaine versus ropivacaine and morphine in percutaneous nephrolithotomy under ultrasonic guidance. Parikh GP, Shah VR, Vora KS, Modi MP, Mehta T, Sonde S. Saudi J Anaesth. 2013;7(2):118-21.
2. Anaesthesia for laparoscopic kidney transplantation: Influence of Trendelenburg position and CO₂ pneumoperitoneum on cardiovascular, respiratory and renal function. Parikh BK, Shah VR, Modi PR, Butala BP, Parikh GP. Indian J Anaesth. 2013;57(3):253-8.
3. Successful resuscitation after suspected carbon dioxide embolism during laparoscopic ureteric reconstructive surgery. Vora KS, Shah VR, Parikh GP, Modi PR. Indian J Crit Care Med. 2013; 17(3):190-1.

CONFERENCE PARTICIPATION

12th Congress of the Cell Transplant Society, Milan, Italy, 7 to 11 July, 2013

Department of Nephrology and Pathology

Paper Presentations:

- Pre-transplant Infusion Of Donor Stem Cells Opens Gateway To Tolerance Associated With Induction Of Regulatory T-Cells – Single Centre Experience In Living Donor Renal Transplantation - Trivedi HL
- Co-infusion Of Insulin Secreting Cells Along with Adipose derived Mesenchymal Stem Cells and

Hematopoietic Stem Cells With Renal Transplantation Offers Better Glycemic Control And Protection Of The Renal Allograft From Immune Injury In DM With ESRD - An Initial Experience - Kute VB

- Co-Infusion Of Insulin-Secreting Adipose Tissue Derived Mesenchymal Stem Cells And Hematopoietic Stem Cells – Novel Approach For Management Of Type 1 DM - Thakkar UG
- Pre-Transplant Infusion Of Donor Stem Cells Protects The Graft From Antibody Mediated Immune Injury- Single Centre Experience In Living Donor Renal Transplantation - Vanikar AV
- Mesenchymal Stem Cell Induced In-Vitro Generation Of Regulatory T-Cells: Future Novel Cellular Therapy For Tolerance Induction In renal Transplantation - Dave SD

Poster Presentation:

- Renal transplantation in diabetic nephropathy using pre-transplant stem cell administration: single centre experience - Shah PR
13th Congress of the Asian Society of Transplantation 2013 (CAST 2013) : 2 to 6, September, 2013, Kyoto, Japan

Department of Nephrology and Pathology

Oral Session:

1. Pre-Transplant Donor Stem Cell Infusion Leads To Clinical Tolerance In Living Donor Renal Allograft Recipients – Trivedi HL
2. Novel Cell-Based Therapy For Tolerance Induction In Transplantation: In- Vitro Generation Of Regulatory T-Cells Induced From Mesenchymal Stem Cells. Dave SD

3. Ten Kidney Paired Donation Transplantation On World Kidney Day 2013 Raising Awareness And Time To Take Action To Increase Donor Pool. Shah PR

4. Pre-Transplant Co-Infusion of Mesenchymal and Hematopoietic Stem Cells Offers Better Immune Protection to the Renal Allograft than Hematopoietic Stem Cells Alone - Kanodia KV
5. Stem Cell Infusion Can Protect The Graft From Antibody-Mediated Injury In Living Donor Renal Transplantation - Vanikar AV

Transplantation Update 2013 at IKDRC-ITS, Ahmedabad from 18th to 20th October, 2013

Oral Session:

Nephrology and Transplantation Medicine

- Regulatory T-cells for induction and sustenance of transplant tolerance. - Trivedi HL
 - Stem cell therapy and renal transplantation for diabetic nephropathy induced ESRD- Success and challenges. - Trivedi HL
 - NODAT - Can we prevent it? – Shah PR
 - DSA and its clinical significance in renal transplantation. – Gumber MR
 - Expansion of KPD pool- Single centre experience. – Kute VB
- Pathology, Lab Medicine, Transfusion Services And Immunohematology
- New frontiers in monitoring renal graft function- Ahmedabad experience. – Vanikar AV
 - Non-diabetic renal lesions in diabetes mellitus. – Kanodia KV
 - In vitro generation of regulatory T-cells: Future prospects for

tolerance induction. – Dave SD
Urology and Transplantation Surgery

- Deceased donor liver transplantation program at IKDRC-ITS: the first 5 years. – Modi PR
- Laparoscopic and robotic assisted kidney transplantation are we inching towards end of open
- Surgery era in kidney transplantation? – Modi PR
- Outcome of dual kidney transplants from expanded criteria donors. - Rizvi SJ

Radiodiagnosis and Imaging

- CT volumetry for living donor liver transplantation. – Gandhi S
- Diabetes and genitourinary tract: Radiology & imaging. – Gandhi S

Oral Paper Presentations:

Nephrology and Transplantation Medicine

- Does Donor Recipient Age Difference Matter in Outcome of Kidney Transplantation? Implications for Kidney Paired Donation. - Vivek Kute
- De Novo Hemolytic Uremic Syndrome/Thrombotic Microangiopathy after Renal Transplantation: A single centre Experience. Dinesh Dhandra

Pathology, Lab Medicine, Transfusion Services And Immunohematology

- How Reliable Is C4d Positivity In Diagnosing Antibody Mediated Rejections?- Preliminary Single Centre Experience. - Sarojini Raman
- Role of Peripheral T-regulatory Cells ($127^{low}/CD4+/25^{high}$) in Immunological Monitoring and Maneuvering Of Living Donor Renal Allograft Recipients- A single Centre Preliminary experience. - Lovelesh KN
- Comparison of Peripheral Blood Stem Cells with Donor Specific Transfusion by

Immunophenotyping.-Sheetal Chandak

Urology And Transplantation Surgery

- A Prospective Comparative Study of Early Outcome of Open, Laparoscopic and Robot Assisted Renal Transplantation.-Sarmah Amlan
- Renal Transplants in Patients with Abnormal Bladders. Nikhil Kale

Poster Presentations

Regenerative Medicine & Stem Cell Therapy

- Co-infusion of Insulin-Secreting Adipose Tissue Derived Mesenchymal Stem Cells and Hematopoietic Stem Cells: Novel Approach to Management of Type 1 Diabetes Mellitus.-Umang Thakkar
- Stem Cell Therapy In Primary Glomerular Diseases- A Preliminary Single Centre Experience.- Kamlesh Suthar

Urology and Transplantation Surgery

- Arterial reconstruction in deceased donor kidney transplant using donor's internal iliac artery. - Jyoti Bansal
- Renal transplant after ex-vivo partial nephrectomy of donor kidney: Expanding donor kidney pool.- Jyoti Bansal
- Laparoscopic Graft Nephrectomy. -Javid Qadri

Nephrology and Transplantation Medicine

- Successful renal transplantation from a brain-dead deceased donor with head injury, disseminated intravascular coagulation and deranged renal functions. - Pramod P. Ghuge
- Thrombophilic disorders: a real threat to patients with end-stage renal disease on hemodialysis and at the time of renal transplantation.

-Jitendra Goswami

- A Case Of Ceftriaxone Induced Immune Haemolytic Anaemia With Disseminated Intravascular Coagulation In Pretransplant. - Jigar D Shrimali
- Tacrolimus induced Severe Cholestasis Complicating Renal Transplantation. - Jigar D Shrimali
- Successful Three-Way Kidney Paired Donation transplantation: The First Indian Report. - Vivek Kute
- Unusual cause of graft dysfunction: De novo anti GBM Disease. - Manish Balwani
- Unusual cause of graft dysfunction: De novo anti GBM Disease. - Manish Balwani
- Renal transplantation in secondary amyloidosis associated with Tuberculosis. - Manish Balwani
- Non resolving pneumonia in a renal transplant recipient -can it be nocardiosis?. Pravin M Ghule
- Successful renal transplantation from a deceased donor who died due to bacterial meningitis. - Rajesh Singh

Radiodiagnosis and Imaging

- Doppler Evaluation of Hepatic Artery after Liver Transplantation. - Shruti Gandhi
- Imaging Of Pancreatic Transplantation. - Kajal Patel
- CT Imaging of the normal anatomy and variations of portal vein in live liver transplantation - Kajal Patel

Department of Anaesthesia

46th Annual Conference of Indian Society of Anaesthesiologists, Gujarat State Branch (GISACON 2013) Vadodara, 19th & 20th October 2013.

Oral Session:

Perioperative management of patients with renal dysfunction – Veena Shah

DONATIONS

Free Paper Presentations:

- Comparison of Isobaric 0.5 % bupivacaine fentanyl Versus Isobaric 0.75 ropivacaine with fentanyl in lower urological surgery – **Nirmal Chaudhari**
- Intraperitoneal nebulization verses intraperitoneal instillation of ropivacaine and morphine for pain relief after laparoscopic surgeries – **Nandakumar K.**
- Anesthetic management of a patient with bardet-biedl syndrome for renal transplantation – A case report - **Ushma Baranda**
- Obstructer nerve block for transurethral resection of bladder tumors : A comparison between peripheral nerve stimulator with ultrasonographic technique.- **Sumedha Sonde**

Poster Presentations:

- Venous air embolism as a complication during percutaneous nephrolithotomy - **Nirav**
- Perioperative management of a morbidly obese adult with obstructive sleep apnea syndrome for robotic kidney transplantation. **Bhavesh Solanki**

CONGRATULATION

B. Braun Medical Trust Foundation Scholarship was awarded to Dr. Sumedha Ramaknisha Sonde for outstanding achievement in Post Graduate Medical Studies in field of Anaesthesia for the year 2012. The Scholarship included a Certificate & Rs. 40,000 Cheque.

Name of the Donor	Amount
Shri Lavjibhai Dugarbhai Dalia	10000001
Shri Piyushbhai Ochhavlal Desai	1000000
Dr. Vasuben T. Parekh	500000
Bhudardas Sevanidhi Charitable Trust	500000
Shantaben Bhudardas Patel	250000
Chanchalben Bhudardas Patel	250000
Shri Jashvidya V Anandjivala	200000
Shri Satish L Mishra	200000
Smt. Kumud K Mehta	150000
Parulben Rashminbhai Popat	100001
Dr. Aruna Vishvanath Vanikar	100000
Sonal H Modi	100000
Dr. V A Anandjivala	100000
Shri Ramanlal Dwarkadas Patel	100000
Estate Of Late Smt. Vidyaben Madanmohan Shah	100000
Jahnvikaben Rameshchandra Acharya	100000
Vikram Seeds Agency	100000
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Omkar Textile Mills Pvt. Ltd.	51000
Supreme Transport Organisation Pvt. Ltd.	51000
Ankit Industries	51000
Shivco International (p) Ltd	51000
Kanodia Textile Mills	51000
Gopi Synthetics Pvt. Ltd.	51000
Shyam Polyspin Pvt. Ltd.	51000
Shri Devesh Chandrakant Shah	51000
Globe Ecologistics Pvt Ltd	51000
Manubhai Zaveri Ornaments Pvt. Ltd.	51000
Aruna Chandrakant Jayswal	51000
Manav Kalyan Trust	50000
La Renon Healthcare Pvt Ltd	50000
Shri Rasiklal N Doshi	50000
Shri Dhirubhai Mehta & Shri Girish R. Pathak	50000
Premila P. Chavda	50000
Chinmay Arvind Rawal	50000
Soham Arvind Rawal	50000
Vikram Seeds & Pesticem	50000
N. M. Shah	50000
Alniche Life Sciences Ltd	50000
Donation below Rs.50000/-	3411206
TOTAL	18648319



**Smt. Gulabben Rasiklal Doshi & Smt. Kamlaben Mafatlal Mehta
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