

JANUARY 2016

SIUT PERFORMS PAKISTAN'S FIRST KIDNEY PAIRED EXCHANGE (KPE) LIVING DONOR TRANSPLANTS

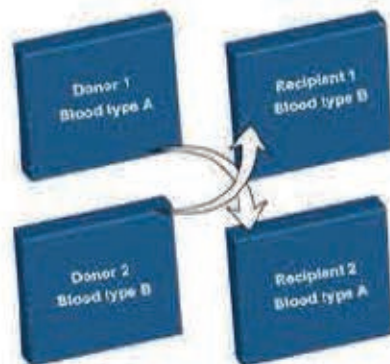
Kidney pair exchange (KPE) is an established method to overcome incompatibility of donor/recipient pairs (DRPs) due to blood groups. It is practiced widely throughout the world but is not practiced frequently in developing countries due to lack of awareness or complexity of the exchange logistic barriers. This program seeks to address the acute shortage of organs by enlarging the pool of living donors who want to donate a kidney to a family member but can't due to issues such as incompatible blood types. SIUT had two Donor Recipients pairs (DRPs) who were ABO incompatible and had no other donors in the family. This is the first reported case of kidney exchange done in this country.

CASE REPORT

Case 1: A female, married with blood group "B" and her donor was her husband with blood group "A". She has a number of family members, who were potential donors but could not donate due to medical problem and social issues.

Case 2: A male, married with blood group "A" and donor was wife with blood group "B". He also had a number of family donors but were excluded due to medical problems.

KPE: Both the patients were on dialysis for 2 years. They were given the option of kidney exchange or swapping of donors after explaining the possible risks and benefits of transplantation. Both pairs discussed this opportunity with their families and finally gave consent after mutual consultation with their families. Both pairs received transplant from their swapped donors the same day and same time on 26th October 2015. Recovery of both of the recipient and donor pairs was uneventful and they were discharged with excellent functioning kidney grafts.



Many countries have identified kidney paired exchange as an answer to kidney shortages. Significant KPE programs have emerged in countries such as South Korea, the Netherlands, and Australia. In 1991, South Korean doctors were the first in the world to perform a paired kidney exchange between two end-stage renal disease (ESRD) patients. This Swap procedure initiated for the first time in Pakistan by SIUT has great potential. Encouraged by the initial promising and stimulating results, SIUT is planning to



1st KPE transplants at SIUT

INTERNATIONAL SYMPOSIUM TO CELEBRATE 40 YEARS OF SIUT

SIUT organized an international symposium in December 2015 to celebrate the success of its unique philosophy of medical care "FREE WITH DIGNITY". Over 1500 delegates including some globally renowned personalities of medical profession hailing from various parts of the world attended the five-day international symposium from 8th to 12th December.

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Celebrating our philosophy **SIUT**

40 years

'Free with Dignity'

International Symposium

December 8-12 2015

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SIUT Organizes
Workshop on
"Molecular Tools in
Immunology"

A workshop on "Molecular Tools in Immunology" was held at SIUT on 10th October 2015.

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The Faculty and Staff of
SIUT wishes, its supporters
and well-wishers
A HAPPY NEW YEAR

expand this program and consequently a number of potential kidney exchange pairs have been identified whose work-ups are in progress.

Kidney pair exchange is a useful, practical and life saving alternative to long term hemodialysis. We hope that this procedure will improve the availability of organs for hundreds of patients with end-stage renal disease who would benefit from a transplant. The paired donation procedure permits donors who would otherwise be unable to help their loved one to do so in a manner that helps others as well. It can be practiced safely in our country specially in public centre hospital, where there is no commercialization.

SIUT PERFORMS PAKISTAN'S FIRST KIDNEY PAIRED EXCHANGE (KPE) LIVING DONOR TRANSPLANTS



KPE recipients and donors with Prof. Rizvi and his team of Medical Social Workers, physicians and Pathologists involved in the KPE process.



Fully recovered 1st KPE transplant patients and their donors with the team of Medical Social Workers, Transplant Surgeons, Anesthetists, Physicians and Technologists.

SIUT TEAM REACHES SWAT TO HELP EARTHQUAKE VICTIMS



Continued on page- 4

SIUT SUKKUR STARTS 24 HOUR SERVICES

Director of SIUT Prof. AdibulHasanRizvi, while talking to media persons in Sukkur announced that round the clock renal surgery and dialysis facilities are now being offered at SIUT Chablani Medical Center. Professor Rizvi who is country's the leading kidney specialist, reiterated the philosophy of his Institute that education and health are basic rights of the people and therefore SIUT since its inception has been providing health and education facilities to the people "Free with dignity" without any discrimination of cast, color, creed and religious belief.

Admission clinic at SIUT Sukkur



On this occasion he pointed out the causes renal of diseases which are on rise due to various factors. Urologist Prof. Manzoor Hussain of SIUT who was also present explained the reasons of the stone disease in the region. He said upper Sindh and lower Punjab are red zones for stone disease. He explained that bladder stone is endemic in children due to malnutrition. Prof. Buksh Ali who is a surgeon at SIUT explained to the media that both the establishment of SIUT at Karachi and Sukkur are the part of same system and facility. He also underlined the philosophy of SIUT aimed to provide free medical care with dignity.

SIUT ORGANIZES WORKSHOP ON "MOLECULAR TOOLS IN IMMUNOLOGY"

A workshop on "Molecular Tools in Immunology" was held at SIUT on 10th October 2015. The workshop was jointly organized by the Pakistan Society for Immunology (PSI) and Department of Immunology SIUT.

The last two decades have seen a rapid progress in the field of Immunology primarily due to the development of new experimental cellular and molecular biology techniques. Cutting edge technologies such as next generation sequencing (NGS) and genome – wide expression profiling of both human host and pathogens have made it possible for scientists to achieve a better understanding of how the human body responds to genetic disorders that result in immune dysregulation such as autoimmune diseases, cancers and infections. The ensuing data allows not only the development of more accurate diagnostic tests but also more targeted and specific treatment options. The goal of this workshop was to bring physicians and scientists bring up to date on developments in immunological techniques. Faculty comprised of experts from Dow University of Health Science, Aga Khan University Hospital and SIUT.



Prof. Saleem Hafiz giving away certificates to participant

SIUT ORGANIZES WORKSHOP ON “MOLECULAR TOOLS IN IMMUNOLOGY”

SPEAKERS AT THE WORKSHOP



Dr. Wajiha Musharraf



Dr. Rana Muzaffar



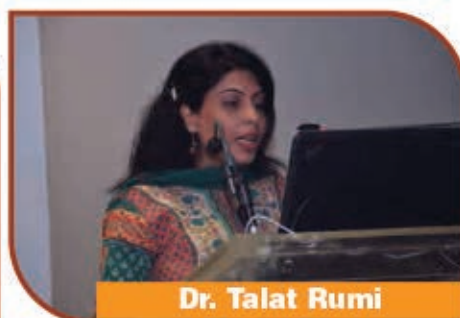
Dr. Sabiha Anis



Dr. Salma batool



Dr. Khawar Abbas



Dr. Talat Rumi



Dr. Saeed Khan



Dr. Aiysha Abid



Dr. Zara Hasan

More than 60 participants attended the lecture sessions that were followed by intense discussions. A select group of 25 participants attended a hands-on session where they learnt to extract RNA from clinical samples and set up a Real-Time PCR assay for studying expression of cytokine genes. The patterns of gene expression are indicative of the way our body responds to external stimuli including infections and medications. They are also important component of our internal immune responses and play an important role in transplantation and rejection.

The feedback from the participants was overwhelmingly positive and there have been requests to hold this workshop at regular intervals.

Workshop participants



HUMANITARIAN SERVICE: SIUT SUKKUR BREAKS GROUND FOR NEW OPERATION THEATRE-

DONATED BY FEROZA HASHAM FOUNDATION

SUKKUR The ground-breaking ceremony of a new operation theatre block to be established in the premises of Sindh Institute of Urology and Transplantation (SIUT) was held in Sukkur on Friday.

Dr Rizvi shared his experience from 2009 when he was searching for a suitable place to establish a unit of SIUT in Sukkur. Dr Rizvi and his team's search ended at the historical Chablani Hospital. This hospital was established as a maternity home by a woman named Dr Chablani in 1930. She did her MBBS from India and shifted to Sukkur to serve its people, Rizvi said.

However, the hospital was in bad shape and was not being run properly, he recalled. Dr Rizvi and his team took over the hospital and started constructing the SIUT unit in the same year. "Today, we have 1,000 kidney patients registered for dialysis and, besides the operations and lithotripsy, 100 dialysis are conducted every day," he said.

Senior professor Manzoor Hussain also spoke about the project in detail. The new four-storey building will consist of a state-of-the-art operation theatre, an intensive care unit and a kidney transplantation facility, he said. Feroza Hasham Foundation donated Rs60 million, Hussain announced, adding that on completion of the construction, the foundation will also help provide more facilities to the patients.

Others who spoke on the occasion were Dr Chaman Lal, Faheem uz Zaman Khan, Professor Zafar Ahmed Khan and Professor Murlidhar. Sukkur Chamber of Commerce and Industry's former president Khan Munawar Khan and CCI president Aamir Ghouri also attended the ceremony.



Sanaullah – A patient performs ground breaking ceremony

SIUT TEAM REACHES SWAT TO HELP EARTHQUAKE VICTIMS

To help relief efforts in the earthquake-hit areas, a 12 members team of SIUT lead by Prof. Adib Rizvi reached Mingora SWAT to help the earthquake affected people. The team comprised surgeons, nephrologists, clinical pathologists, intensive care specialists and technologists to render surgical support and intensive care management to the injured. The team set-up camp within 36 hours of the earthquake at Nawab Sharif Kidney Hospital, Minglora. Together with the hospital staff SIUT team established OPD and laboratory services where several hundred patients were managed for kidney diseases. SIUT team was provided logistic help by Col. Anwar Abbasi whose children were treated at SIUT Karachi and Col Arif of the Medical Battalion and field hospital at Khwazakhela. SIUT team visited several locations including Charbagh. Maj. Asad of the Medical Battalion facilitated SIUT team during their stay in Mingora.



INTERNATIONAL SYMPOSIUM TO CELEBRATE 40 YEARS OF SIUT

Organizers of the symposium chalked out an elaborate program based on scientific sessions, professional workshops and public debates in the specialized fields of medical sciences including urology, nephrology, transplantation, oncology, hematology, gastroenterology, radiology, pathology and ethics. Developments taking place in the world of medical sciences and as how to translate those advancements for the benefits of Pakistani population were highlighted in these sessions. SIUT's international symposium also served as an event of thanksgiving to express its gratitude to all those who have witnessed the journey of the Institute during past four decades and extended their support in transforming the Institution into a role model medical care center from a modest ward of the Civil Hospital of Karachi of seventies to a 800 bed hospital treating over a million patient on yearly basis. SIUT's rate of 12 kidney transplants per week makes it one of the largest living donor transplant center in the region. Furthermore, more than 750 dialysis sessions every day makes the Institute as one of the largest dialysis center in the world.

The symposium's Main Plenary Session "Free quality

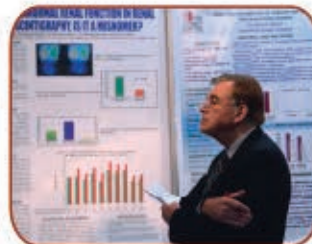
care in developing countries was addressed by 5 International Speakers who praised SIUT's model and declared it "A model for tertiary health care developing in low resource settings". The first 2 days of symposium 8th and 9th of December were dedicated to hands on workshops and courses in different fields. These workshops and courses were conducted by renowned specialists from different countries. There were over 123 invited speakers from across the globe representing major Societies of Nephrology, Urology, Transplantation, Diagnostic Sciences and Bioethics. The scientific program was very impressive where 9 specialists in their fields gave Master Classes in the early hours of the morning. There were 23 Plenary sessions addressed by 126 invited speakers. In addition there were 14 symposia addressed by 84 speakers. A impressive poster session every day exhibited 181 posters in different disciplines. The grand finale of the conference was a public symposium "On brain death and deceased organ donation attended by a large section of the society". Social activities included a function at the Mohatta Palace where nightingale of Pakistan "Abida Parveen" enthralled the audience. A cultural show at SIUT's new auditorium slighting visit for the guests and delegates.

GUEST SPEAKERS

INVITED EXPERTS FROM ACROSS THE GLOBE

> Georgi Abraham	India	> William Harmon	USA	> Philip O'Connell	Australia
> David M Albala	USA	> David Harris	Australia	> Devender S Rana	India
> Richard DM Allen	Australia	> Mehmet Haberal	Turkey	> Philip Ransley	UK
> Mona Alrukhaimi	UAE	> Sarwat Hussain	USA	> Harun Ur Rashid	Bangladesh
> Mustafa Al-Mousawi	Kuwait	> Vivekanand Jha	India	> Azra Raza	USA
> Alireza Bagheri	Iran	> Michael J Kellett	UK	> Mohamed Rela	UK
> Antoine Barbari	Lebanon	> Saeed R Khan	USA	> Lionel Rostaing	France
> Mahendra Bhandari	USA	> Shamim Khan	UK	> Bassam Saeed	Syria
> Khalif Mohamud Bile	EMRO	> Anant Kumar	India	> Kemal Sarica	Turkey
> Matthias Brandis	Germany	> Walter G Land	France	> Faissal AM Shaheen	S.Arabia
> Marc De Broe	Belgium	> Josep Llovera	Spain	> Tariq Shakoor	USA
> Alexander M Capron	USA	> S.A. Malekhosseini	Iran	> Khalid Sharif	UK
> Jeremy Chapman	Australia	> Kim Mammen	India	> Matin Sheriff	UK
> Francis L Delmonico	USA	> Muthu Krishnan Mani	India	> Rezvi Sheriff	Sri Lanka
> Mahesh Desai	India	> Wiking Mansson	Sweden	> Sunil Shroff	India
> Harjeet K Dhillon	UK	> Gianantonio Manzoni	Italy	> Nasser Simforoosh	Iran
> David A Diamond	USA	> Fazil Marickar	India	> John Swinnen	Australia
> Terence English	UK	> Dominique Martin	Australia	> Tan Bien Soo	Singapore
> John Feehally	UK	> Marwan Masri	Lebanon	> Tariq Tassadaq	KSA
> Oswald N Fernando	UK	> Rashid Mazhar	Qatar	> Annika Tibell	Sweden
> Richard Fine	USA	> Mukut Minz	India	> David Tolley	UK
> Ahad J Ghods	Iran	> Nabil Mohsin	Oman	> Zachariah Varghese	UK
> Ricardo González	Switzerland	> Aabha Nagral	India	> Hugh N. Whitfield	UK
> Chula Goonasekera	Sri Lanka	> Sanjay Nagral	India	> Magdi M Yaqoob	UK
> Sandeep Guleria	India	> Saraladevi Naicker	South Africa		
> Narmada Gupta	India	> Luc Noel	France		
> Khurshid Guru	USA	> Jose R Nunez	Switzerland		

GLIMPSES OF SIUT SYMPOSIUM



GLIMPSES OF SIUT SYMPOSIUM



SATELLITE SEMINAR IN SUKKUR



This year, we need Rs. 2.5 billion to keep the largest centre for Urology, Nephrology, G.I. and Hepato-biliary, Oncology and Transplantation alive, healthy and moving forward. Please help us again.

Pause. Think. Act.

Make your donations through cash, cheque

Through Banks

You can deposit your cash or cheque (Donation or Zakat) for "SIUT" in all the branches of the banks all over Pakistan.

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Allied Bank Limited	01320010017648140022	01320010017648140039
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Askari Bank Limited	098010057708-1	098010057709-2
Bank Alfalah Limited	0022-1003819847	0022-1003819780
Bank Al-Habib Limited	1081-0081-002257-01-2	1081-0081-001777-01-9
BankIslami Pakistan Ltd.	1042-0015105-0202	1042-0015105-0201
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Burj Bank	0042-014-586-000001	0042-014-586-000002
Dubai Islamic Bank	0067-305002	0067-305001
Emaan/Silk Bank	5058-5000041515	5058-5000041523
Faysal Bank Limited	01440060000253	01440060000252
First Women Bank Ltd.	0001001575310000	0001001575310001
Habib Bank Limited	0008-79002700-01	0008-79002701-01
Habib Metropolitan Bank	6-1-1-20311-714-439493	6-1-1-20311-714-439486
JS Bank	0000150960	0000150961

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Muslim Commercial Bank	064406791-1000841	0026-07010000032
National Bank of Pakistan	0010-027038-1	0010-027037-2
NIB Bank	401889	415747
Samba Bank	6501291662	6501291674
Sindh Bank Limited	0315-096275-1000	0315-0962811000
SME Bank Limited	4001-00016667-0001	4001-00016659-0001
Soneri Bank Limited	0041-02012275711	0041-02012275661
Standard Chartered Bank	01-8061610-01	01-8062528-01
Summit Bank Limited	1-2-30-20311-714-136983	1-2-30-20311-714-136991
Tameer Micro Finance Bank Limited	104-029002334-001	104-029002335-001
The Bank of Khyber	0036-CD00095-00-1	0036-CD00096-00-5
The Bank of Punjab	0239-CD0017020004	0239-CD0017030006
United Bank Limited (PKR)	0401-003-0006-2	0401-003-0005-5
United Bank Limited (USD)	006531000357	006531000371

All Contributions and Donations in the form of Cheques/Bank Drafts should be made out to "SIUT Trust".

Resource Generation and Outreach (RGO) Department

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Sindh Institute of Urology and Transplantation (SIUT),
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● SIUT accounts are audited by
A.F. Fergusons Chartered Accountants

For further information please contact us on

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