

**GUJARAT UNIVERSITY
OF TRANSPLANTATION SCIENCES**
(Established Under the Gujarat Act. No. 9 of 2015)

Admission e-Prospectus

Academic Year - 2020-21



**Fellowship in Abdominal Organ
Transplantation**

IKDRC-ITS Premises, Civil Hospital - Medicity Campus,
Asarwa, Ahmedabad – 380 016, Gujarat, India.

Visit us: <http://www.guts.education>, e-mail: registrar-guts@gujarat.gov.in



Message from the Vice-Chancellor



Gujarat University of Transplantation Sciences (GUTS) was established on 1st May, 2015 under the State University Act under the leadership of the then Chief Minister of Gujarat, Smt. Anandiben Patel, herself an eminent educationist. It is the first University for Transplantation and Allied Sciences in the world. The vision of its founder, late Prof. H.L. Trivedi was to disseminate, create and preserve knowledge and understanding in the field of Transplantation and allied sciences by teaching, research and service towards patients. Fellowship course in Abdominal Organ Transplantation was started in 2015.

The unique feature of this course in GUTS is that it has been conceptualized for the first time in the country to meet with the needs of the field and society as well to provide well trained surgeons.

The students are subjected to didactic teaching by committed teachers and supported by hands on training to meet with clinical challenges in the field. Now the world of Medicine and allied sciences will very soon be divided into two eras, pre-covid and post-covid. The coming batches will fall in post-covid era which is going to put major thrust on health and allied sciences and ‘make in India’ towards ‘Aatma-nirbhara Bharat’.

We welcome all the students who will be selected for the Fellowship in Abdominal Organ Transplantation course for 2020-21.

15th August, 2020

Dr. Aruna V. Vanikar
Vice Chancellor (I/C)



**Padmashree Awardee Late Prof. (Dr.) H. L. Trivedi, FRCP (C), DSc
First Pro Chancellor**

Gujarat University of Transplantation Sciences (GUTS) &
Founder Director Smt. G.R. Doshi and Smt. K.M. Mehta Institute
of Kidney Diseases and Research Centre (IKDRC) and
Dr. H.L. Trivedi Institute of Transplantation Sciences (ITS)



**Prof. (Dr.) Aruna V. Vanikar, MD, PhD, D.Litt, FICPath
Vice Chancellor I/C,**

Gujarat University of Transplantation Sciences (GUTS)
Professor and HOD,
Dept. of Pathology, Lab Medicine, Transfusion Services and
Immunohematology and,
Dept. of Cell Therapy and Regenerative Medicine,
IKDRC-ITS, Medicity, Asarwa, Ahmedabad 380016.

About the University - GUTS

The Gujarat University of Transplantation Sciences (GUTS), the first University of its kind in the world for Transplantation and Allied Sciences, was established in the year 2015 under the State University Act. The idea of setting up such a University was conceived way back in 1998 and the seed of its inception was sown by Prof. H. L. Trivedi, Founding Director of Smt. Gulabben Rasiklal Doshi and Smt. Kamlaben Mafatlal Mehta Institute of Kidney Diseases & Research Centre - Dr. H. L. Trivedi Institute of Transplantation Sciences (IKDRC-ITS), Ahmedabad, Gujarat.

Currently GUTS have active teaching programs in Renal and Transplant Pathology, Postgraduate Diploma in Medical Laboratory Technology (PGDMLT), Nephrology (Adult and Pediatric), Certificate Course in Dialysis Technology, MCh (Urology), Fellowship programs in Liver Transplant Anesthesia and Critical Care, Paediatric Nephrology and Transplantation, Abdominal Organ Transplantation, Masters in Physiotherapy (MPT) in Cardiopulmonary and Transplantation Rehabilitation specialties and MSc nursing in Nephrology and Urology Specialties.

Objects and Mission of the University

The Objects of the University is to disseminate, create and preserve knowledge and understanding by teaching, research, extension and service and by effective demonstration in the field of Transplantation and allied sciences. This university will provide efficient and responsive administration, scientific management and develop organization of teaching and research. It will be a centre of excellence for providing medical care, educational and research facilities of high order in the field of Transplantation and allied Sciences in the existing super-specialties and such other super-specialties as may develop in future, including cell and tissue transplantation, solid organ transplantation, composite tissue transplantation, xeno transplantation, cell, tissue and bio-



engineering, genetics and translational research in humans, animals, micro-organisms and viruses. The other objective will also be to attain the highest standards of academic excellence by providing the necessary physical infrastructure and creating an intellectual environment conducive to free flow of ideas and meaningful exchange of information and knowledge with other foreign and national universities or institutions. The mission of the University is to serve as an academic and research nucleus to these specialties to improve the clinical, scientific, and social aspects of transplantation making it accessible and affordable to population at large giving them healthy and productive lives.



Dr. J. C. Lilani, M.Sc., Ph.D.
Registrar
Gujarat University of Transplantation Sciences



Dr. Guruprasad Bhosale, MD (Anaesthesia), DTCD (Respiratory Medicine)
Controller of Examinations (I/C) GUTS &
Professor, Department of Organ Transplant Anaesthesia and
Critical Care – IKDRC-ITS.



Shri Kamal Modi, M.com
Chief Accounts Officer
Gujarat University of Transplantation Sciences



Dr. Pankaj R. Shah, D.N.B. (Nephrology)
Dean, IKDRC-ITS



Dr. Vineet V. Mishra, M.D, PhD
Director, IKDRC-ITS

About the Institute - IKDRC-ITS

Smt. Gulabben Rasiklal Doshi and Smt. Kamlaben Mafatlal Mehta Institute of Kidney Diseases & Research Centre - Dr. H. L. Trivedi Institute of Transplantation Sciences (IKDRC-ITS) is located in Civil Hospital Campus, Asarwa, Ahmedabad in the state of Gujarat of India. The institute was established on October 7, 1981 on an auspicious ninth day of Navratri. Institute of Transplantation Sciences was established as its sister institute in the year of 1997. Today it stands on the western end of the civil hospital campus, occupying an area of 15,000 sq. mts and total built up area of 20,000 sq. mts, it can boast to be largest tertiary care center of its kind in the world. It has 400 indoor beds for Nephrology, Urology and Transplantation.

Institute of Kidney Diseases and Research Centre is one of the largest institutes in the world, based on three pillars of service, education and research, catering the needs of all classes of patients with kidney diseases.

The primary objective of the institute is to establish, operate, promote, run and manage institutions engaged in service, education and research pertaining to the field of Nephrology, Urology, Transplantation, Hematology, Autoimmune and Genetic disorders.

The institute is recognized as Institute of National Importance by Department of Science and Technology, Govt. of India.

SERVICES BEING PROVIDED BY IKDRC-ITS

At present IKDRC-ITS, has an average annual OPD of more than 1,50,000, admission of more than 11000 cases in Nephrology, 8000 in Urology, 500 cases each in Pediatric Nephrology and Gastroenterology and liver transplantation, 600 cases in Pediatric Urology, 2600 in Obstetrics and Gynecology. IKDRC-ITS have performed about 400 kidney and 35 liver transplants per year and there is already a waiting list of patients to be treated. We are planning to expand infrastructure and facilities to cater further services. Institute now caters to the people of Gujarat for services of dialysis in most of the districts through its centres.



Dr. Pranjal Modi, DNB (Urology)
Professor and HOD,
Department of Urology and Transplantation Surgery
IKDRC-ITS

About the Department

Department was established under leadership of Dr. Pranjal Modi in year 2008 with beginning of liver transplant program. Initial focus was to establish deceased donor liver transplantation only. The number of deceased donation were limited and hence it took a time for program to grow. Several patients were not able to receive the liver and waiting list mortality was as high as 40%. Hence, in year 2011, living-donor liver transplantation program was started cautiously and slowly. Pediatric liver transplantation program was introduced in year 2014 with transplantation of both liver and kidney in patient suffering from oxalosis.

Since the awareness of organ donation was increasing in state of Gujarat, the deceased donor transplant program was expanded. In India, very few public sector hospitals are carrying out liver transplantation and our program is the oldest one! In 2014, fellowship in abdominal organ transplantation was started with intention to train mainly in multi-organ procurement of abdominal organs, education about legal and social aspects of both deceased donor and living-donor kidney and liver transplantation, procedure of transplantation and peri-operative care, and long-term management of transplanted patients and donors.

In year 2015, the course was recognized by Gujarat University of Transplantation Sciences and till date several fellows completed course and got employment in the field of transplantation. The program was started with one transplant surgeon, and in a decade time four transplant surgeons are now carrying forward the program. About 50-60 liver transplantations are carried out in a year and 90% of them are from deceased donor. Kidney transplantation are carried out mainly by department of Urology and in collaboration with that department, fellows are trained in kidney transplantation as well. We do about 350 kidney transplantation a year. Multi-disciplinary team approach is the key to success of our transplant program. Due to Covid, year 2020 is not the same as previous years and we expect few transplants to be carried out this year.



Faculties:

Dr. Pranjal Modi has pioneered liver transplantation in the state of Gujarat. After doing his MBBS and MS (General Surgery) at M. P. Shah Medical College, Jamnagar, he got trained in urology and kidney transplantation surgery at IKDRC-ITS. He has been most important and instrumental surgeon in establishing deceased donor transplant program in Gujarat. In year 2006, he had realized that organs other than kidneys were not utilized since there was not liver or thoracic organ transplant program in the state. He went for training in liver transplantation at Karolinska University Hospital, Stockholm. Returning from there, he established liver transplantation program, which is unique in India, since over 90% transplantations were carried out from deceased donor. In 2011, he went to Asan Medical Center, Seoul, South Korea and observed several living-donor hepatectomy and liver transplantation, following that he started living-donor liver transplant program.

He is pioneer in the country for development of retroperitoneoscopic living-donor nephrectomy and laparoscopic and robotic-assisted laparoscopic kidney transplantation. He is the first person in the world using natural orifice for pursuing kidney transplantation. Carrying out two and sometimes even three living-donor nephrectomy and kidney transplantations has helped several patients to undergo kidney transplantation by paired kidney exchange program. He has experience of doing over 500 robotic-assisted kidney transplantation, 177 laparoscopic kidney transplantation and over two thousand open kidney transplantation. He has carried out the first robotic-assisted simultaneous kidney-pancreas transplantation. He has over 100 publications and working as Professor and head of department of Urology and Transplantation Surgery. He was invited at several international conferences and by several university hospitals at UK, Australia, Japan, USA, China, Sweden, Germany, Kuwait, Iran, Turkey, Bangladesh and, of course, at India. He is currently a member of The Transplantation Society, American Society of Transplantation, Indian Society of Organ Transplantation, and Urological Society of India. He has been receiver of Mavalankar Gold Medal for development of newer surgery in Urology, Bhagwan Dhanwantari Sanshodhan Sanman for development of transplantation surgery, Dadhichi Rushi Sewa Sanman for development of deceased donor transplant program in Gujarat, Maharshi Susruth Gyanpith Sewa Sanman- a highest honor of IKDRC-ITS, for development of transplantation surgery. He has received Millennium International Urology award and West Zone USI Gold Medal, P. B. Shivraman Guest lecture and Gold Medal and many other awards.



Dr. Vaibhav K. Sutariya

Education: M.B.B.S. (2003), M.S. (2006), Fellowship - Hepatobiliary biliary surgery and Liver transplantation (Asan Medical Centre, Seoul, South Korea), FIAGES (2011), FALS (Hepatopancreatobiliary surgery with spleen) (2017)

Experience:

12 years experience in liver transplantation and Gastrointestinal surgery

Professor in the department of Gastrointestinal Surgery and Liver Transplantation at IKDRC-ITS from 1st April, 2015 to till date

Associate Professor in the department of Gastrointestinal Surgery and Liver Transplantation from 1st April, 2013 to 31st March, 2015.

Assistant Professor in the department of Gastrointestinal Surgery and Liver Transplantation from January 1st 2009 to 31st March, 2013

Assistant Professor in the department of General surgery at Kesar SAL medical college Assistant Professor in the department of General surgery at C.U. Shah Medical College

Experience of more than 400 liver transplants, 24 paediatric liver transplant, 40 living donor liver transplant, and 8 split liver transplant

Performed near to 100 liver transplantations under supervision of Dr. P. R. Modi Sir

Well versed with all aspects of liver donor evaluation, liver donor surgery, recipient surgery, ICU management of liver transplant recipients and long term management of liver transplant recipients.

Performed more than 400 hepatobiliary surgery including pancreatoduodenectomy, pancreatic resection, major liver resections, biliary tract surgery, and hyatid cyst surgery.

Performed more than 1500 laparoscopic surgery like laparoscopic cholecystectomy, laparoscopic appendectomy, laparoscopic inguinal hernia repair, and laparoscopic ventral hernia repair.

Performed near to 1000 gastrointestinal endoscopy (Upper gastrointestinal endoscopy with bading, upper gastrointestinal endoscopy with biopsy, and colonoscopy).

Performed good number of arteriovenous fistula

Actively involved in teaching of abdominal organ transplant fellows

Special interest:

Deceased donor liver transplantation

Living donor liver transplantation

Research in liver transplantation

Minimal access surgery



Publications: 10

Dr Vikas works as full time Assistant Professor in the Department of abdominal organ transplantation since May 2018. He received his training in transplant surgery from 2015 to 2018 at IKDRC-ITS. He worked as Assistant professor in the Department of General Surgery in Sir T Hospital and Government medical college, Bhavnagar. He received his training in General surgery from B.J. Medical College, Ahmedabad from 2010-2013. He passed his MBBS in 2009 from KesarSal Medical College, Ahmedabad. He is proficient in all aspects of liver diseases, liver transplant, and post-transplant care. He has special interest in liver transplantation.

Dr Ankur Vagadiya is working as full-time assistant professor in liver transplant surgery at Institute of kidney disease and research centre – institute of transplantation (IKDRC-ITS) since July 2018. He had remarkable academic carrier. After completion of MBBS at, he was a topper in all India entrance examination at prestigious post graduate institute of medical education and research centre (PGIMER) at Chandigarh. He completed his residency in general surgery and joined the surgical gastroenterology department as senior registrar. During his 5-year training at PGIMER, He got experience in complex hepatobiliary surgery like major liver resection, liver resection in cirrhosis, carcinoma gall bladder, Pancreatic surgery, hilar cholangiocarcinoma, liver surgery, hepatocellular carcinoma and liver transplantation. After that for super specialization in hepatobiliary and liver transplantation, he cleared M. Ch. super specialist all India competitive examination with first rank at institute of liver and biliary sciences at New Delhi. During his training at ILBS, He has cumulative experience of 350 living donor liver transplantation and more than 500 various major hepatobiliary surgery. He has completed three research project which include one basic science related to transplant immunology and two clinical study during his tenure at ILBS. He received degree of M.Ch. in hepatobiliary and liver transplantation surgery with honour from respected vice president of India Mr. Venkaiah Naidu. His special area of interest is liver resection for hepatocellular carcinoma, Laparoscopic liver surgery, whipple's procedure, Pancreatic Cancer, Shunt surgery for extrahepatic portal vein obstruction(EHPVO) and non-cirrhotic portal fibrosis(NCPF), hepatic resection for liver metastasis, cadaver & living donor liver transplant, multiorgan procurement, critical care in liver transplantation, acute liver failure, liver transplantation in high urgency cases, donor safety and rejection after liver transplantation. He has presented many oral and poster at national and international scientific meeting. He has publication in major index journal with high impact factor in field of liver transplantation



No.	Medical Faculty	Designation
1.	Dr Pranjali R Modi	Professor
2.	Dr Vaibhav K Sutariya	Professor
3.	Dr Vikas D Patel	Associate Professor
4.	Dr Ankur K Vagadiya	Associate Professor
5.	Dr Krunal R Patel	Assistant Professor

Abdominal organ transplantation fellowship was started in 2015. The yearly intake of fellowship is 2 to 4 candidates.



Course Director:



Dr. Pranjal Modi
Professor and HOD,
Department of Urology and Transplantation Surgery
IKDRC-ITS

About Fellowship in Abdominal Organ Transplantation Course

Fellowship and/ or Certificate courses are being started by the Gujarat University of Transplantation Sciences from 2015. The purpose of these courses is to enhance the skills and knowledge among the professionals as per the current needs of academics and society. These courses will only aim at enhancing one or more basic competencies as defined for the eligibility qualification for the said course.

To acquire academic excellence as well as clinical and non-clinical skill competencies as desired by the course, the student shall actively participate in teaching learning activities as per the curriculum of the course. As these Fellowship /or Certificate Courses are skill enhancement clinical courses these are fulltime academic courses.

1. Open, laparoscopic and robotic assisted kidney transplantation
2. Open and laparoscopic living donor nephrectomy
3. Multi-organ procurement from deceased donor
4. Living donor hepatectomy
5. Living donor and deceased donor liver transplantation
6. Pathology of transplanted organs
7. Transplant immunology
8. Transplant infectious diseases
9. Immunosuppressants
10. Transplant research



ADMISSION NOTICE

Applications are invited for Fellowship In Abdominal Organ Transplantation course for the academic year 2020-21 at G.R. Doshi and K.M. Mehta Institute of Kidney Diseases and Research Center (IKDRC)- Dr. H.L. of Trivedi Institute Transplantation Sciences (ITS), the constituent Institute of Gujarat University of Transplantation Sciences (GUTS), Ahmedabad.

DURATION OF THE COURSE: Three Years

NUMBER OF SEATS: 2

CURRICULUM: Designed by the GUTS

ELIGIBILITY:

- Candidates who have passed Medical Post Graduate degree Course recognized by the Medical Council of India are eligible to join in Fellowship course in Abdominal Organ Transplantation. This includes MS (General Surgery) / DNB (General Surgery)

SELECTION:

- Selection will be based on merit, number of attempts and personal interview.

FEE STRUCTURE:

Tuition Fees:

Tuition Fees: Rs. 50,000/- per year

Deposit: Rs. 10,000/-

- Selected candidates must pay the fees within five days of selection.
- If the candidate does not pay the fees within seven days, admission will be cancelled.
- No refund will be given after fees are paid.
- If candidate leaves the course in between, above mentioned fees will not be refunded.
- Security deposit will be refunded ONLY on successful completion of the course and after NOC from relevant Department Heads.
- Fees mentioned above are for the present. University reserves the Right to revise the same at any time without notice.
- **Stipend:** As per Government of Gujarat rules for M.Ch. students.



Application forms are available online at University Web site <http://www.guts.education>

SUBMISSION OF APPLICATION FORMS

1. All interested candidates having the eligibility criteria mentioned above can download the Application Form from the above mentioned website. All the entries in the form should be clear, legible and correct. Please do not try to alter the form in any way. Candidates are advised to print the application form on one side of the paper only.

2. The application must be accompanied with self-attested copies of all the required certificates.

Candidates in-service must apply through proper channel and submit “No Objection Certificate” from the present employer in format given in Application Form.

3. The completed and signed application form with all necessary enclosures should be mailed to The Registrar, GUTS, IKDRC-ITS premises, Civil Hospital campus, Asarwa, Ahmedabad-380016 on or before Wednesday, 30th September, 2020 by Registered/Speed Post/hand delivery only. An envelope containing the Application should be superscripted “APPLICATION FOR FELLOWSHIP IN ABDOMINAL ORGAN TRANSPLANTATION”. Applications sent by Fax will not be entertained.

OR

Scanned copy Single PDF file (Including Application Form and Enclosure) of completed and signed application form with all necessary enclosures should be send by email on registrar-guts@gujarat.gov.in.

Important Note: If application is send through email as mentioned above there is no need to submit hard copy by Registered/Speed Post/hand delivery

4. Duly completed application form must be accompanied with a Demand Draft payable at Ahmedabad for Rs. 1,000/- (Rupees One Thousand Only) drawn in favor of “Gujarat University of Transplantation Sciences, Ahmedabad”.

OR

Applicant can deposit fees online in following bank account

Account No: 584801010050017

Bank: Union Bank of India, Civil Hospital Compound, Asarwa, Ahmedabad

IFS Code: UBIN0558486

Fees submitted with this form is not refundable in any case.

5. Incomplete applications will be rejected and no correspondence in this regard will be entertained. Applications received after the last date will be rejected, and no grounds for delay including postal delay will be entertained.

6. All passport size photographs must be identical, snapped with front profile, showing full head, face, and shoulder and with both ears and taken without wearing any Cap/Hat/Head dress/ Sun glasses. Polaroid photos are not acceptable. Photograph must have been taken on or after 1st January 2020.



GENERAL INSTRUCTIONS:

1. The admission and Registration of the candidate shall be subject to the GUTS Acts, Rules, Regulations and Orders as may be applicable from time to time.

2. **Candidate will have to submit all original documents at the time of admission / personal interview. Out of these,** Documents listed below will be returned to the candidates only at the time of their leaving the course/ College.

- Passing /Degree Certificate from the concerned University.
- Mark sheets of the final University Examination.
- Document to prove the date of birth.

3. Queries related to admission will be addressed by the Registrar, GUTS and in case of dispute, decision of the Vice-Chancellor, GUTS shall be final and binding on the candidate.

IMPORTANT DATES

- ❖ **Last date and time for receipt of completed application form – 31st October, 2020, up to 4 PM.**
- ❖ **Looking to the present Covid-19 Pandemic dates of Display of Merit List, Counselling of candidates, Commencement of Courses etc. will be communicated to the candidates later on GUTS website: <http://guts.education>.**
- ❖ **CONTACT DETAILS:**

Dr. J. C. Lilani

Registrar

Gujarat University of Transplantation Sciences (GUTS)

**IKDRC-ITS Premises, Civil Hospital - Medicity Campus, Asarwa,
Ahmedabad – 380 016,**

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