

LIVER TRANSPLANT

Performed **Over 1250**
Living Donor Liver Transplants Since 2012



Liver Transplant Services

Shifa International Hospital

Sector H-8/4, Islamabad.

For Appointment: 051-8464646

www.shifa.com.pk

THREE DECADES OF COMMITMENT & SERVICE

Shifa International Hospital Islamabad is accredited by **Joint Commission International (JCI)**. We embarked on a journey **three decades** ago to provide quality healthcare services to the citizens of Pakistan.



CONTACT NUMBERS

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Living Donor

LIVER TRANSPLANTATION in Pakistan



Liver transplant is a treatment option for people with liver failure and for some people with liver cancer who have significant complications due to end-stage chronic liver disease. The chronic liver failure may be caused by a variety of conditions. Among other causes, Hepatitis B & C viruses remain the major cause of cirrhosis leading to liver failure and liver transplant. Cirrhosis is so far the most frequently cited reason for a liver transplant.

The availability of sustainable and quality Liver Transplantation & Hepatobiliary surgery services in Pakistan is a great benefit to the local population, which previously had no option than to go overseas.

Today, Pakistan is among nations who have been successfully providing Liver Transplantation services to their people in conformity with International quality & patient safety standards. It is a landmark achievement in Pakistan's medical history that such a complex and advanced surgical treatment has been provided at Shifa International Hospital Islamabad to Pakistanis by utilizing the expertise of Pakistani healthcare professionals.

Services



Pre-Liver Transplant Evaluation and Care



Donor Assessment



Living Donor Liver Transplant Surgery



Advanced Hepatobiliary and Pancreatic Services



Post-Liver Transplant Evaluation and Care

PRE & POST LIVER TRANSPLANT PROCESS

PROCESS FLOW

STEP-1

PRE-TRANSPLANT EVALUATION

Booking an Appointment

Arranging Medical History and copy of previous investigations

Arrival at Liver Transplant Clinic

Initial Assessment

(Patient & Donor)

- Assessment by Nursing Staff
- Review of Medical History
- Clinical Examination by the Consultant (Detailed Assessment)

Pre-Transplant Evaluation

(Patient & Donor)

- Diagnostic testing during hospitalization & outpatient clinic visit
 - Laboratory Tests
 - Radiology Screenings

Legal Counseling & Preparation of Legal Documentation (Patient and Donor)

Final Decision & Allocation of Surgery Time (As per transplant waiting list)

STEP-2

POST-TRANSPLANT EVALUATION

Patient & Donor Care at Hospital (During Hospitalization at Surgical ICU & Transplant Unit)

Discharge from Hospital (after review by Transplant Team)

Follow-up Visit Plan:

- Clinical Examination by Doctor
- Diagnostic Testing (Laboratory & Radiology)
- Drug Monitoring etc.



LIVER TRANSPLANT SURVIVAL RATE AT SHIFA INTERNATIONAL HOSPITAL

The Liver Transplant 1 year survival rate is 90.6%.

What is a Living Donor Liver Transplant?

Liver transplant is a surgical procedure performed when a person's liver or a part of it fails to function properly, and medication proves ineffective. In the procedure, a healthy liver or a part of it (lobe) is extracted from the donor and surgically transplanted to the recipient. The surgery takes around 4-8 hours and is performed by a liver transplant surgeon who is assisted by a team of medical experts.

In Living Donor Liver Transplant, the donor's liver and portion of the donor's liver given to the recipient grow back to their full size within a few weeks.

Being the largest internal organ, a properly functioning liver is imperative to keep your body healthy. Liver transplant usually comes as a treatment option when the patient faces significant complications due to severe physical trauma or end-stage chronic liver diseases such as liver cancer. It also serves as a definitive procedure for liver cirrhosis.





PRE-LIVER TRANSPLANT EVALUATION

Making An Appointment



Liver Transplant Clinic mostly accepts patients for assessment by prior appointment. You can make an appointment by contacting us at 051-8464646.

Initial Paperwork



We would normally ask you to provide copies of all your previous investigations and any other relevant past medical record after accepting your name for appointment. These documents are screened by our preliminary medical assessment team, who will then fix a time and date for your appointment.



On Arrival

After arrival at Liver Transplant Clinic, our unit receptionist will take you through your Registration Process.

Initial Assessment



Preliminary interview and assessment will be carried out by a specialist nurse to document your temperature, pulse, BP and other relevant measurements.

Detailed Assessment



Detailed interview and assessment will be undertaken by one of our Liver Transplant Physicians or Surgeons. This session may last between 20 minutes to an hour depending on the complexity of your medical condition. A detailed medical history is usually followed by a thorough clinical examination to get a full assessment of your existing clinical condition.

Inpatient Investigation Stream



Few patients require admission to the hospital to undertake full pre-transplant investigations. In that case, they are admitted to special private rooms where they are put in a fast track investigation stream to complete the pre-transplant assessment process with in the shortest possible time. A specifically nominated Liver Transplant Coordinator will facilitate in this whole process.

Outpatient Investigation Stream



There is a small percentage of patients who might already have undergone appropriate and reliable tests. These patients are put in the outpatient investigation stream and would normally not require to be admitted. The specialist nurse will complete their investigation request, paper work and a Liver Transplant Coordinator will take the patient through a fast track, investigation protocol specifically arranged for such patients.

Decision Time



On completion of your assessments and investigations, one of our transplant physicians would review these and make final recommendations about your suitability or otherwise for a Liver Transplant. The transplant physician will personally convey this decision and the basis for making his/her recommendations. All patients found suitable for a liver transplant would be enrolled on the Liver Transplant Waiting List. These patients are given an individualized care plan with special and preferential access to our outpatients and inpatient assessment areas.





POST LIVER TRANSPLANT CARE



We offer comprehensive service for patients after their liver transplantation. A large number of patients are currently being followed up on regular basis in our liver transplant outpatient clinic.

The Team



A team of liver transplant surgeons and hepatologists is supported by our pathology and interventional radiology department to participate in this whole process. Clinical specialist nurses along with our transplant coordinators as well as our IT team are busy day and night to streamline each and every aspect of care for post liver transplant patients.

Individual Attention



Each and every patient gets individualized and specific follow-up on one to one basis. We are really proud of this service and every patient can confirm how this service works.

Immuno-Suppression Drug Monitoring



Our liver transplant services have established immuno-suppression drugs monitoring facilities in collaboration with our pathology department. All patients in our post liver transplant follow-up regularly participate in this monitoring process.

Management of Post Liver Transplant Complications



We have written protocols in place to diagnose and manage all post liver transplant complications like rejection, recurrence of viral infection, biliary leaks, biliary stenosis, renal,

cardiological, metabolic and endocrinological complications of immuno-suppressant drugs. We are supported by our pathology and radiology department in particular in these management areas.

Liver Transplant Donor Assessment



Initial Paper Work

We have strict rules for accepting any person for a liver donation. A copy of rules and regulation can be obtained from the Liver Transplant Information Office. You will only be accepted for assessment, if you fulfill the laid down criteria for a living donor. You will be offered a clinic appointment once we are satisfied that you fulfill the criteria.



On Arrival

On Arrival to the Liver Transplant Clinic, our unit receptionist will take you through your registration process.



Initial Assessment

Preliminary interview and assessment will be carried out by a specialist nurse to document your vitals.



Detailed Assessment

Detailed interview and assessment will follow with one of our Liver Transplant physician or surgeon. This session may last between 20 minutes to an hour depending on the complexity of your medical condition. A detailed medical history is usually followed by a thorough clinical examination to get a full assessment of your existing clinical condition.



What Happens Next?

Patients are usually put into a fast stream for further work up if they are found suitable to act as living donors. The specialist nurse will complete their investigation request, paper work and a liver transplant coordinator will take them through a fast track investigation protocol specifically arranged for such patients. The aim will be to complete the whole process in the shortest possible time.



Final Interview

On completion of your assessments and investigations, one of our transplant physicians would review these and make final decision about your suitability or otherwise to act as a liver donor.

LIVER TRANSPLANT UNIT



Intensive care management of liver transplant patients requires sophisticated monitoring and a complete multi-disciplinary approach. Shifa International Hospital houses Pakistan's largest liver transplant team to cater to both pre-operative and post-operative intensive care of patient and donor by offering advanced intensive care/ institution facilities, i.e., diagnostic testing, operating room, blood bank, pharmacy etc., comparable with international standards.

Immediately following the transplant surgery, the patient & donor are brought to the dedicated liver transplant surgical intensive care unit (ICU) where highly trained physicians & nurses provide them constant care in order to ensure normal bodily functions. Following transfer from ICU to an inpatient transplantation unit, patient & donor are monitored by a multi-disciplinary team, i.e., transplant surgeons, nurses, pharmacists, physical therapists, nutritionists, etc. until both patient & donor are fully recovered and suitable for hospital discharge.


A dedicated executive floor has been allocated for the hospital stay of the patient and donor for Liver Transplant Surgery. Our dedicated and professional team of nursing and paramedics provide round the clock care to the patients





LIVER TRANSPLANT TEAM

Shifa International hospital has the largest Liver Transplant team in the country which ensures close coordination & integration to make it Pakistan's leading liver transplant program. Having a nationally and internationally recognized multi-disciplinary team of specialists under one roof, Shifa International Hospital has invested years in ensuring that our patients are not only being offered the best care & treatment, but to also ensure their long-term health, wellbeing and sustainability as well. The success of Shifa's Liver Transplant program is also matchable to international standards, which is mainly possible due to close coordination between multidisciplinary team of specialists to eventually produce quality results and outcomes.



Dr. Haseeb Haider Zia
Consultant
Liver Transplant Surgeon

Dr. Nusrat Yar Khan
Consultant
Liver Transplant Surgeon

Dr. Abubakar Hafeez
Consultant
Liver Transplant Surgeon

شفاء انٹرنیشنل ہسپتال میں لیور ٹرانسپلانٹ کی کامیابی کی شرح

جگر ٹرانسپلانٹ کی ایک سالہ کامیابی کی شرح 90.6 فیصد ہے۔

زندہ کنندہ جگر (لیور) ٹرانسپلانٹ کیا ہے؟

جب کسی شخص کا جگر یا اس کا کوئی حصہ کام کرنا چھوڑ جاتا ہے اور ادویات بھی بے اثر ہو جاتی ہیں تو ایسے میں جراحی طریقہ علاج سے اس کے جگر کی پیوند کاری کی جاتی ہے۔ اس عمل کو جگر (لیور) ٹرانسپلانٹ کا نام دیا جاتا ہے۔ اس عمل میں صحت مند شخص کے جگر کا حصہ لیا جاتا ہے اور اسے مریض کے جگر کے ساتھ آپریشن کے ذریعے پیوند کر دیا جاتا ہے۔ لیور ٹرانسپلانٹ سرجن کو اپنی ماہر طبی ٹیم کے ہمراہ اس آپریشن کو مکمل کرنے میں تقریباً 4 سے 8 گھنٹے درکار ہوتے ہیں۔

Living ڈونر ٹرانسپلانٹ میں ڈونر کے جگر کا حصہ لیکر اسے مریض کے جگر کے ساتھ پیوند کر دیا جاتا ہے۔ عطیہ کرنے والے شخص کا اپنا جگر چند ہفتوں میں بڑھ کر پورا جگر بن جاتا ہے۔

لیور جسم کے اندر پایا جانے والا ایک اہم عضو ہے۔ لیور ٹرانسپلانٹ عام طور پر اس وقت کیا جاتا ہے جب مریض جگر کے کینسر کے آخری مرحلے میں داخل ہو جاتا ہے۔ جگر ٹرانسپلانٹ جگر کے Cirrhosis کے علاج کیلئے ایک اہم علاج تصور کیا جاتا ہے



ٹرانسپلانٹ سے پہلے اور بعد کا عمل

پہلا مرحلہ

ٹرانسپلانٹ سے پہلے کی تشخیص اور جائزہ

اپائٹمنٹ کی بلنگ کروانا اور معائنہ کے دن تمام سابقہ میڈیکل رپورٹس، ہمالانا

ٹرانسپلانٹ کلینک میں آمد

ابتدائی چیک اپ و معائنہ مریض اور عطیہ کنندہ (ڈونر) کے لیے وزن، بلڈ پریشر، پلس وغیرہ۔

- مریض کی طبی تاریخ کا جائزہ
- ڈاکٹر / معالج سے مشورہ و معائنہ

ٹرانسپلانٹ سے پہلے کا تعین:

تشخیصی ٹیسٹ (لیبارٹری اور ریڈیالوجی کے ٹیسٹ) (ہسپتال میں داخلے یا چیک اپ کے دوران)

قانونی رجسٹری

(مریض اور عطیہ کنندہ کے قانونی کوائف کی جانچ)

سرجری کے لیے فیصلے اور وقت کا تعین

دوسرا مرحلہ

ٹرانسپلانٹ کے بعد کا معائنہ و نگرانی

مریض اور عطیہ کنندہ (ڈونر) کی دیکھ بھال، (انتہائی نگہداشت یونٹ یا ٹرانسپلانٹ فلور پر قیام کے دوران)

ہسپتال سے رخصت (ڈسچارج) (ایورٹیم کے معائنہ اور تجویز کے بعد)

- سرجری کے بعد ڈاکٹر سے چیک اپ و مشورہ
- تشخیصی ٹیسٹ (لیبارٹری اور ریڈیالوجی کے ٹیسٹ)
- تجویز شدہ ادویات کی نگرانی

پاکستان میں جگر کی پیوند کاری

ایسے لوگ جو جگر کے پیچیدہ امراض یا جگر کے کینسر کا شکار ہوں انکے لئے جگر کی پیوند کاری ایک اہم طریقہ علاج ہے۔ جگر کی خرابی کئی وجوہات کا مجموعہ ہو سکتی ہے۔ دوسری وجوہات کے ساتھ پیپٹائٹس بی اور سی جگر کی خرابی کی سب سے بڑی وجہ ہو سکتی ہے جس کی وجہ سے جگر کی پیوند کاری کے عمل سے گزرنا پڑتا ہے۔

پاکستان میں معیاری اور دیر پا جگر کی پیوند کاری اور پیپٹو بائیلری سرجری کی خدمات کا میسر ہونا مقامی لوگوں کے لئے کسی نعمت سے کم نہیں۔ اس سے قبل جگر کے پیچیدہ امراض کے علاج کی سہولت ملک کے اندر میسر نہیں تھی اور بیرون ملک جانے کے علاوہ کوئی چارہ نہ تھا۔

آج پاکستان دنیا کے ان چند ممالک میں شامل ہے جہاں جگر کی معیاری پیوند کاری کی خدمات بین الاقوامی معیار کے مطابق میسر ہیں۔ پاکستان کی طبی تاریخ میں یہ ایک بہت بڑی کامیابی ہے کہ ایسا پیچیدہ اور جدید سرجیکل ٹریمنٹ پاکستانی ہیلتھ پروفیشنلز کی مہارتوں کو بروئے کار لاتے ہوئے شفا انٹرنیشنل ہسپتال میں فراہم کیا جا رہا ہے۔

خدمات

جگر کی پیوند کاری سے پہلے کی تشخیص اور نگہداشت



عطیہ کنندہ (ڈونر) کا چیک اپ



زندہ عطیہ کنندہ جگر ٹرانسپلاٹ سرجری کی خدمات



پیپٹو بائیلری اور بلبہ سے متعلق جدید خدمات کی فراہمی



جگر ٹرانسپلانٹ کے بعد کی تشخیص اور نگہداشت



خدمت اور عزم کے 30 سال

شفا انٹرنیشنل ہسپتال اسلام آباد، جوائنٹ کمیشن انٹرنیشنل سے تصدیق شدہ
ہسپتال ہے جو گزشتہ 30 سال سے پاکستان میں صحت کی معیاری
سہولیات فراہم کرنے میں مسلسل کوشاں ہے۔

برائے رابطہ

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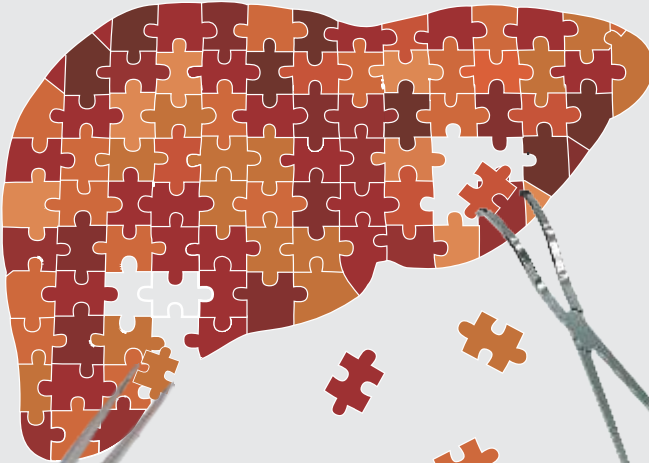
Shifa
International
Hospitals Ltd.



خدمت اور عزم کے
30 سال

جگر ٹرانسپلانٹ

2012 سے اب تک 1250 سے زائد کامیاب
جگر ٹرانسپلانٹ سرجریز کی تکمیل



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