



***Egyptian Liver Research Institute And
Hospital
ELRIAH***

Cause you deserve the best ..



The Association of Liver Patients Care (ALPC) ?

ALPC is a non-profit, non-governmental organization founded in 1995, registered in 1997 with number 817 in Al-Daqahliah, Egypt .

ALPC is a founding member of the European Liver Patients Association (ELPA) founded in 2006. ALPC, represented by Prof. Gamal Shiha (the Chairman) has been an ELPA board member for two years, from 2006 till 2008.

ALPC participated effectively in the establishment of the World Hepatitis Alliance (WHA), composed of more than 170 organizations which work in the field of viral hepatitis.

It represents different regions all over the world and is considered the global voice for the 500 million people worldwide living with viral hepatitis.

ALPC objectives :

1. Helping liver patients and their families with financial limited resources, and supporting them with free investigations and treatments.
2. Adopting a national awareness campaign calling for the prevention of liver diseases and spreading public health awareness by holding seminars, conferences and workshops.
3. Establishing a center of excellence in the field of liver diseases treatment and research through a nonprofit and nongovernmental institute and hospital for liver diseases.
4. Offering all services that take place in the elevation of the surrounding environment all over Egypt.

Since 2001, ALPC has been a central association which has the right of covering all regions around Egypt.



www.elpa-info.org



www.worldhepatitisalliance.org

The Egyptian Liver Research Institute And Hospital (ELRIAH)

- As a state of art multidisciplinary medical facility, ELRIAH is a subsidiary of the Association of Liver Patients Care (ALPC).
- ELRIAH is a non governmental , non profit organization committed to the advancement of improved medical care & knowledge. It is the hospital of choice for those who seek the level of expertise and care that only a teaching hospital can offer, specially for patients whose treatment expenses are beyond affordability.
- Thanks to public contribution and donations, ELRIAH has been opened in July 2011 by Prof. Gamal Shiha. It is located about 150 km northeast of Cairo, 20 km from Mansoura, Daqhalia Governorate.



Chairman's Message

* **Our Mission:**

We are committed to offering a leading edge multidisciplinary care, including the latest diagnostic and treatment therapies , in particular for those who cannot afford treatment expenses.

We are dedicated to conducting clinical research trials for all patients & especially those with liver & GI diseases, while preserving their safety and confidentiality.

* **Our Vision:**

To be a leading nonprofit model in the application of a comprehensive patient focused medical care, particularly for patients with limited resources.

To be an international research center providing opportunities for young researchers to receive a distinguished training by experienced investigators and professional medical staff.

* **Our Goal :**

Is to establish an international liver institute & hospital to meet the ever growing needs of patients with liver and GI disorders.

This is achieved through:

- 1 – Adoption of the up to date procedures & instrumentations.
- 2 –Implementation of the internationally recognized guidelines & systems, which guarantee self-running & continual upgrading medical services and researches.
- 3- Complying with the national and international regulations.

Prof. Gamal Shaha

Prof. Gamal Shiha

ELRIAH Founder & Chairman

Professor of internal Medicine, and the Head of G.I & liver unit, Mansoura University. He is the founder and head of the Association of Liver Patients Care (ALPC) in 1997 & the Egyptian Liver Research Institute And Hospital (ELRIAH) in 2012 .

For his lifetime outstanding achievements & contributions to medicine, he is a member of various scientific societies ; the Egyptian Gastrointestinal Endoscopic Society, European Association for the Study of the liver (EASL) as a member of the executive committee (2008 - 2012), American Association for the Study of Liver Diseases (AASLD), and Asian Pacific Association for the study of liver diseases (APASL) .

He devotes a significant amount of time to teaching, professional training, and continuing medical education. He participated in writing medical books.

He has published many papers in international journals and been participated in active researches in the field of Hepatology and Gastroenterology. In addition to this, he is a member of the editorial board of many international journals, such as 'Bangladesh Liver Journal, Libyan Journal Of Infectious Diseases , Journal of Hepatology International (as a reviewer).

Our Core Values

- * **Patient comes first:** We put the needs of our patients first.
- * **Integrity:** We adhere to high ethical principles to be truthful, transparent, and equitable.
- * **Quality:** We strive for excellence and high quality through creativity and innovation.
- * **Compassion:** We treat patients and families with dignity and kindness.
- **Teamwork:** We work well together to ensure that knowledge and wisdom are shared for the benefit of everyone.
- * **Commitment to our environment where we live.**
- * **National Obligation:** Ensuring a perfect health to the Egyptian public by offering medicinal and educational support.





ELRIAH Waiting Hall

Our Staff

Is highly qualified, and comes from a variety of educational backgrounds; both local and international, ensuring that the services provided are unique. Moreover telemedicine and telesynergy are used to communicate further evaluation of uncommon medical issues with other institutions.

ELRIAH physicians are involved in the latest researches to help developing innovative techniques for providing the most advanced care and treatment options available.

ELRIAH provides advanced education and training to health care professionals in a multi-disciplinary academic environment and endeavors to bring forward the best in hospital and staff leadership.



ELRIAH Departments

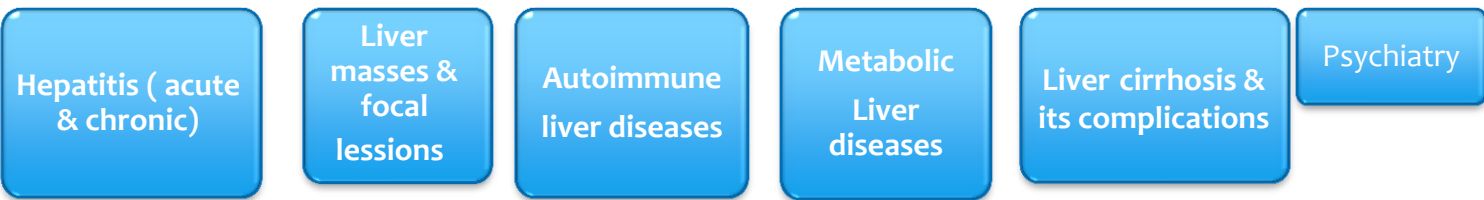
With a total of 100 beds, the hospital provides a comprehensive care to adults and children with hepatic diseases who cannot be safely assessed or treated in a less restrictive setting, aiming at helping patients with challenging health needs live successfully in the community while upholding ethical and legal principles of patient rights and confidentiality.

1. Outpatient Clinics.
2. Medical Diagnostic & Research Laboratories.
3. Surgery.
4. Radiology.
5. Endoscopy.
6. Research.
7. Healthcare Quality.
8. Pharmacy.
9. Publication Center.

ELRIAH Outpatient Clinics

The outpatient department (OPD) has 14 specialized clinics in (internal medicine ,pediatric, oncology, surgery , psychiatry , pain management and osteoporosis) serving more than 100 000 liver patient a year.

Provide diagnosis and treatment of the following liver and GI diseases:





OPC Waiting Area

Pharmacy

For our patient convenience, a dedicated pharmacy on premises covers all patient's therapeutic needs.



Pharmacy Waiting Area



Pharmacy



ELRIAH Clinical and Research Laboratories

- * Equipped with fully automated machines; the lab utilizes the most advanced technology recognized in dignified institutions to precisely deliver the most accurate and reliable results , paving the way for proper diagnosis, management and wellbeing of our patients.

Mission:

- To provide supreme quality services to our clients by following medical ethics, meeting the highest quality standards based on regional and international best practices and providing our workers with continuous education and hands-on training to sustain professional, safe and healthy environment for world- class modern laboratory services.
- As for now, ISO 15189 certificate is underway.

ELRIAH Laboratory

Diagnostic Laboratory

Molecular
biology

Immunology

Biochemistry

Microbiology

Research Laboratory

Molecular
biology,

Stem Cell
Research Lab

Flow
cytometry

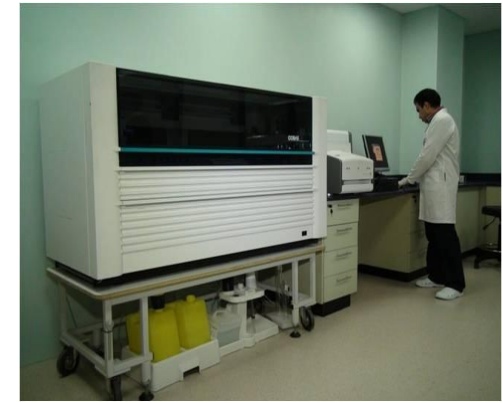
Tissue culture



**Clinical
Chemistry Unit**



**Hematology
Unit**



**Molecular Biology
Unit**



Sampling Room



ELRIAH Imaging Department

The Department of Radiology Provides both Diagnostic and Therapeutic Services Performed by a highly qualified staff.

The department includes the following

Ultrasound scanner

Computed tomography

Interventional radiology

- *Triphasic CT abdomen and pelvis.*
- *CT portography.*
- *CT volumetry*

- *TACE(Trans-arterial chemoembolization).*
- *Microwave ablation.*
- *Liver biopsy.*





Angiography



CT Scan



Ultrasound



Imaging Unit Waiting Area

Fibroscan

Is an alternative to liver biopsy for evaluating the stage of liver fibrosis in a totally non-invasive and painless manner where no inpatient stay is required .

**At ELRIAH , the fibroscan has three probes
for personal variations:**

Fibroscan Small Probe : for children under 14 , and patients with TP less than 75 cm.

Fibroscan Medium Probe : for patients aged over 14 , TP above 75 cm and SCD not more than 2.5 cm.

Fibroscan XL Probe for Liver Stiffness Measurement in overweight and Obese Patients and SCD more than 2.5 cm .



Metabolic Breath test

Non-invasive breath tests can serve as valuable diagnostic tools in medicine as they can determine particular enzymatic and metabolic functions in vivo. This has wide applications in the fields of Gastroenterology, Oncology, Hepatology and Nutrition Control. A ^{13}C breath test measures increased levels of ^{13}C in exhaled breath after ingestion of a stable ^{13}C isotope labelled substance and its subsequent metabolism with a specific function or enzyme as a rate limiting step. Breath samples are collected and measured, with an IRIS® instrument, measuring the stage between ingestion by the patient of the labeled substance and its appearance in the exhaled breath.

^{13}C -Aminopyrine Breath Test (hepatic fibrosis)

Is useful for quantitative assessment of liver function in conditions such as established chronic hepatitis and cirrhosis.

^{13}C -L-Methionine Breath Test (hepatic reserve)

Is a non-invasive diagnostic test to assess hepatic mitochondrial functions.



Endoscopy Unit

A comprehensive Endoscopy Unit provides the following services :

Upper endoscopy

- Management of Oesophageal Varices by banding or Sclerotherapy
- Diagnosis of GER and Barrett's Oesophagus.
- Management of Achalasia of the Cardia.
- Management of benign and malignant lesions of the upper GIT.

Colonoscopy

- Management of bleeding per rectum.
- Management of cases of chronic diarrhea or constipation.
- Management of inflammatory bowel diseases (Crohn's disease & ulcerative colitis)
- Management of benign and malignant colonic lesions.

Endoscopic retrograde cholangiopancreatography

- Management of biliary obstruction through: Stenting, Stone extraction & Ballon dilatation.
- Management of pancreatic obstruction.
- Management of biliary fistula.
- Management of sphincter of Oddi dysfunction.

Endoscopic trasonography (EUS)

- Diagnostic & therapeutic



ELRIAH Endoscopy Unit

Surgery Department:

Vision:

* The department of surgery is dedicated to providing quality patient care and advanced educational programs, conducting specialized surgeries under highly qualified surgeons, and providing the best training to our practitioners and physicians that aim at advancing the future of surgical practice in the fields of hepatology & gastroenterology.

* **Services provided:**

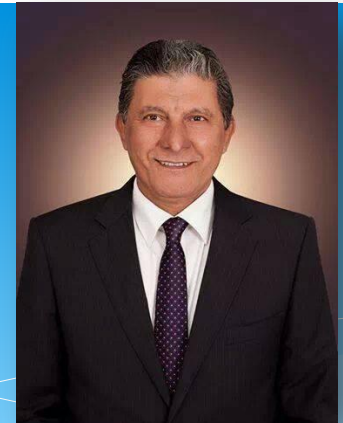
* Both conventional and laparoscopic surgeries.

1. Hepatobiliary surgeries.
2. Gastroenterology surgeries.
3. Colorectal surgeries.

These services are provided through the adoption of the up to date procedures & instrumentations.

Prof. Gamal Elabiedy

Head of Surgery Department



Professor of General Surgery, Gastroenterology Surgical Center, Mansoura University. He has been the director of Gastroenterology Center (GEC) 2011-2013.

He has published over 40 scientific articles and papers in various international journals.

Additionally, he is a member of many international surgical societies; International Hepato Pancreato Biliary Association (IHPBA). 1999, International Association of surgeon & gastroenterologists (1996), International Electrogastrography Society (IEGGS) (1998), International organization for statistical studies of the esophagus (OESO) 2000.

He is one of the vital founders of Friends and Care of GIT Patients Society.



Surgery Room



Intensive Care Unit



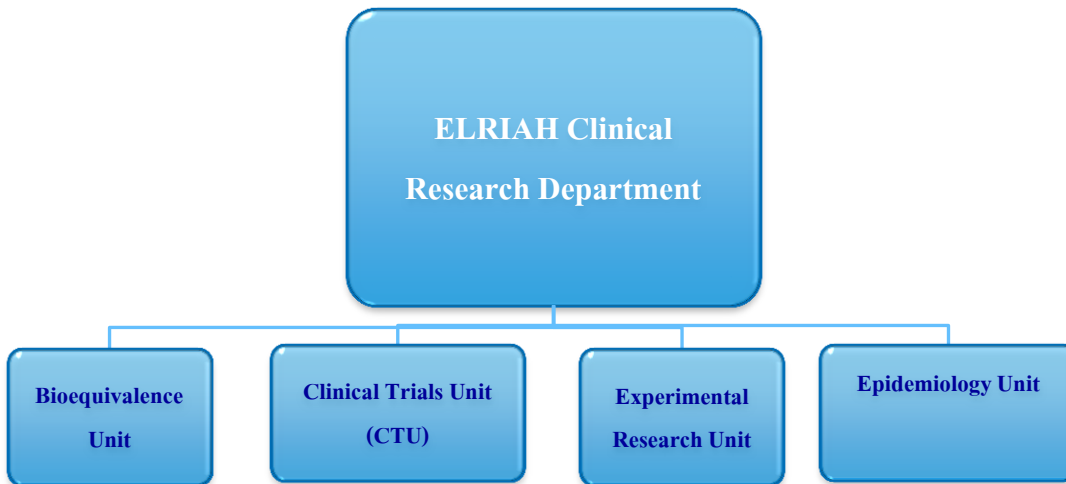
Scrub Unit

ELRIAH Clinical Research Department

ELRIAH has a large clinical research program, and is at the forefront of development of new therapies and diagnostic tests for viral hepatitis and other major forms of liver diseases.

Finding safer, more effective treatment options for all forms of diseases is a primary focus of ELRIAH mission. Participation in clinical trials, allows us to offer the highest level of specialized healthcare in an integrated educational and research setting.

ELRIAH continues to be actively involved in institutional, national, and international research protocols with priority given to those addressing national hepatology and oncology problems.



Clinical Trials Unit (CTU)

Vision:

Ensuring the highest patient safety by providing an exceptional level of care and attention to potential research subjects.

Mission:

Conducting Phase III-IV multi-specialty pharmaceutical researches with particular interest on therapeutic agents for liver diseases; assisting pharmaceutical and medical device companies in obtaining regulatory approval for their products.

Performing all clinical trials under strict compliance of international and domestic standards relating to testing of investigational drugs in human.

ELRIAH CTU has recently participated in the clinical trials conducted world wide to evaluate the safety and efficacy of Sofosbuvir as an oral treatment for hepatitis C, genotype 4.

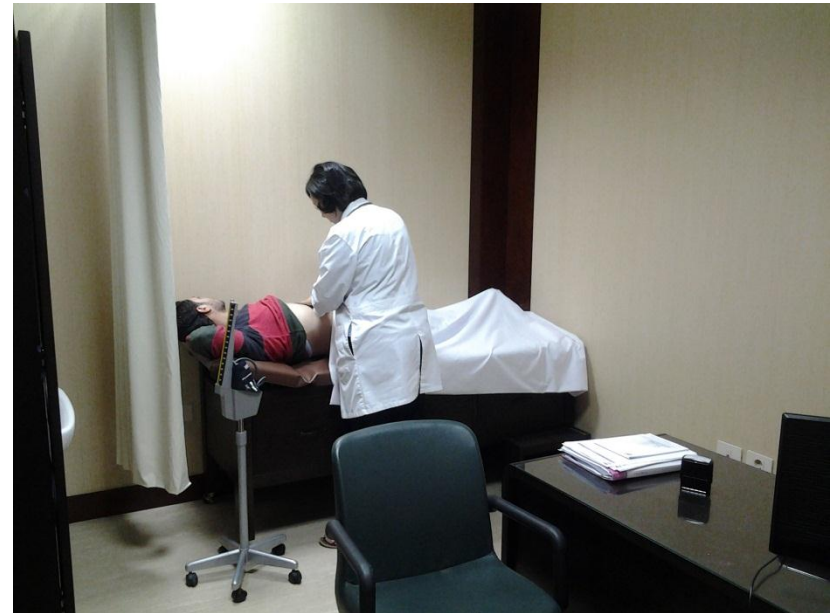
ELRIAH CTU is expected to participate in clinically evaluating many new drugs in the upcoming years.



CTU Staff



CTU Meeting Room



CTU Exam Room



CTU Laboratory



CTU Waiting Room

Experimental Research Unit:

Research comprises creative work undertaken on a systematic basis in order to increase the stock of knowledge. The primary purposes of basic research are documentation, discovery, and interpretation of the research and development of systems for the advancement of human knowledge.

Objectives:

- Developing and facilitating the scientific experimental research conducted on animals and offering opportunities for ELRIAH researchers to practically apply their experimental researches at ELRIAH animal house which is designed and operated to ensure all animals are housed appropriately and humanely while providing maximal protection for the animals against contamination.
- Assisting investigators in their obligation to plan and conduct animal experiments in accordance with the highest scientific, humane and ethical principles. This is achieved by the development and maintenance of a comprehensive, high quality animal care program, complies with the approved international guidelines and laws.
- Providing information to investigators and young researchers and raising their awareness of the importance of empirical research by holding periodic training courses and workshops.
- Scientific cooperation with the international scientific centers.
- Integration and compatibility between the basic research disciplines and practical clinical work in the field of hepatology and gastroenterology.



Flowcytometry Unit



Animal House

Epidemiology Unit

Vision:

- Promoting health and quality of life by preventing and controlling diseases, injuries and disabilities.
- Increasing the number of proposed and accepted projects both nationally and international levels and improving the quality of manuscripts to meet the international standards

Mission:

- Writing and editing project proposals to be submitted to national and international funding foundations.
- Updating and uploading the data of ELRIAH researches on the international websites related to the field of hepatology.
- Providing statistical analysis services.
- Organizing workshops regularly on different topics including Basics of Scientific Research Methodology, Biostatistics and Statistical Analysis using SPSS, Writing and Presenting Scientific Papers and proposals.
- Launching periodic awareness campaigns against hepatitis B & C viruses.
- Participating in the international awareness events , such as World Hepatitis Day as a member in the World Hepatitis Alliance.



Epidemiology Department celebrating the activities of the World

Hepatitis Day 2014



Scientific Office:

Serves ELRIAH scientists and researchers with scientific, technical, medical, and editing services.

Manages electronic library available for the medical staff, includes the recently published international scientific books , manuscripts and papers. In addition to the continual education lectures given at ELRIAH in the field of hepatology by the senior physicians.

Our premium editing services provide more robust editing support designed for ELRIAH researchers seeking a greater degree of assistance with their manuscripts, such as:

- Proof reading of manuscripts e.g. spelling and grammar check.
- References citations with proper sequences.
- Formatting of manuscripts according to journals guidelines.
- Processing papers submissions according to journals requirements.

Bioequivalence Unit (BEU)

- * BEU performs bioavailability and bioequivalence studies for pharmaceutical companies as a requirement of drug registration or drug exporting by measuring of drug concentration in biological fluids and calculation of drug pharmacokinetics in healthy volunteers.
- * BEU has clinical trial specialties and capabilities to support the conducts of phase I & II clinical trials, as in the followings:
 1. Bioequivalence studies of generic drugs.
 2. Stability Studies of generic drugs.
 3. Drug & drug metabolites analysis (quantitative & qualitative) in pharmaceutical preparations and biological fluids.
 4. Analysis of toxic residues in different foods (quantitative & qualitative).
 5. New born screening for a list of conditions that are treatable but not clinically evident in the newborn period.
- * Handled by qualified pharmacists and paramedics, BEU uses the most advanced devices as Ultra Performance Liquid Chromatography UPLC/MS.



Ultra Performance Liquid Chromatography UPLC/MS

ELRIAH-Publication Center (ELRIAH-PC) :

The center publishes three journals biannually:

Medical Journal of Experimental and Clinical Liver Fibrosis (MJECLF).

Medical Journal of Viral Hepatitis (MJVH).

Scientific Journal of Liver Cancer Research (SJLCR).

For more details, please visit ELRIAH –

Publication Center website

<http://elriah.liver-ri.org.eg>

Email: elriah.pc@gmail.com



Continuing Medical Education (CME)

ELRIAH medical staff adopts CME program as one of their strategic goals. The program includes two main objectives:

1. Promoting the knowledge and skills level of the working staff by enrolling them in various scientific activities like journal clubs, attending conferences and training courses, mentoring of younger staff by the more experienced and taking part in research activities.
2. Offering CME opportunities for health care giver outside the ELRIAH by offering a wide scale of hands-on training courses and training internships.

Scientific activities:

- * Original research and publication.
- * Ongoing auditing of clinical practice.
- * Scientific meetings and trainings.
- * Representing the center in scientific conferences.

Project ECHO is one of the leading continuing medical education programs worldwide, established under the supervision of the faculty of medicine, University of New Mexico, USA.

Mission

Developing the capacity to safely and effectively treat chronic, common, and complex diseases in rural and underserved areas, and to monitor outcomes of this treatment.

As continuing medical education is one of the strategic goals of ELRIAH. Consequently, the university of New Mexico has selected ELRIAH to be the head representative of ECHO project in Egypt.

Project ECHO with the help of ELRIAH focuses on:

- 1- Implementation of a pioneering telehealth and medical distance learning program among the Egyptian medical personnel to serve the rural and underserved areas.
- 2- Research and publications collaboration.



Prof. Sanjeev Arora

MD, Director

For more information, please visit www.echo.unm.edu



ECHO Whale



PCA Espanola



Baton Rouge



Pecos Valley MC



DOH Las Cruces



SBRT-First Choice South Va



Memorial HDX7000



LAS VEGAS ECFH

Healthcare Quality Department

Vision:

- Improving the quality of medical and behavioral health care and service provided to customers through.
- Ensuring that the quality of care and service delivered at ELRIAH meet the approved international standards and guidelines.
- Focusing on applying a proactive system designed to achieve ELRIAH goals, and includes key feedback from front-line staff as well as from patients in the optimum design of excellent health care delivery systems.

* **Mission:**

- * As for now, Quality department is processing for
 1. **ISO 15189 Certification for ELRIAH Laboratories.**
 2. **Implementation of a smoking free hospital.**
 3. **A smoking cessation clinic to help liver patients quit smoking.**





ELRIAH Surrounding View

Bank Accounts Numbers

Bank	Account Numbers	Swift	Invest In Charity ..
Faisal Islamic Bank of Egypt	70000	FIEG EG CXMNS	
Banque Misr Almudereya Branch In Mansoura	279/1/6538 279/1/1974	BMISEGCX140	
CIB Algmhoreya Branch In Mansoura	656	CIB EEGCX 096	
National Bank of Egypt Mansoura University Branch	12950	NBEG EG CX 433	
HSBC Mansoura University Branch	27000	EBBKEGCX	
Society Arab International Bank SAIB	70000	SBNKEGEXMNS	
United Bank Mansoura Branch	٠٠٠٧-٦٠٥١٦٥-٢٠١		

Contact us

Address **Mansoura –Sherbin-Damietta highway,
Dakahliah, Egypt.**

Tel. +2 050 7942908 – 7942909 - 7942901

Fax +2 0507942903

Website www.elriah.com

Email info@elriah.com



