Isfahan University of Medical Sciences 2021 2022

Address:
Bureau of International Affairs
Isfahan University of Medical Sciences
Hezar-Jerib Street, Isfahan, IR Iran, 8174673461
Tel :(+98) 3137923071
Website : www.mui.ac.ir/en
E-Mail : international@mui.ac.ir

Isfahan University of Medical Sciences

2021 - 2022

Medical University of Isfahan

(MUI)

In the Name of God

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Executive Manager:
Javad Gholamian

Project Manager:
Leila Boroumand

Publication Supervisor:
Dr. Hamid Mir Mohammad Sadeghi

Design & Printing:
Ayine Honar

Graphic Designer:
Mohammad Erfan Jazini

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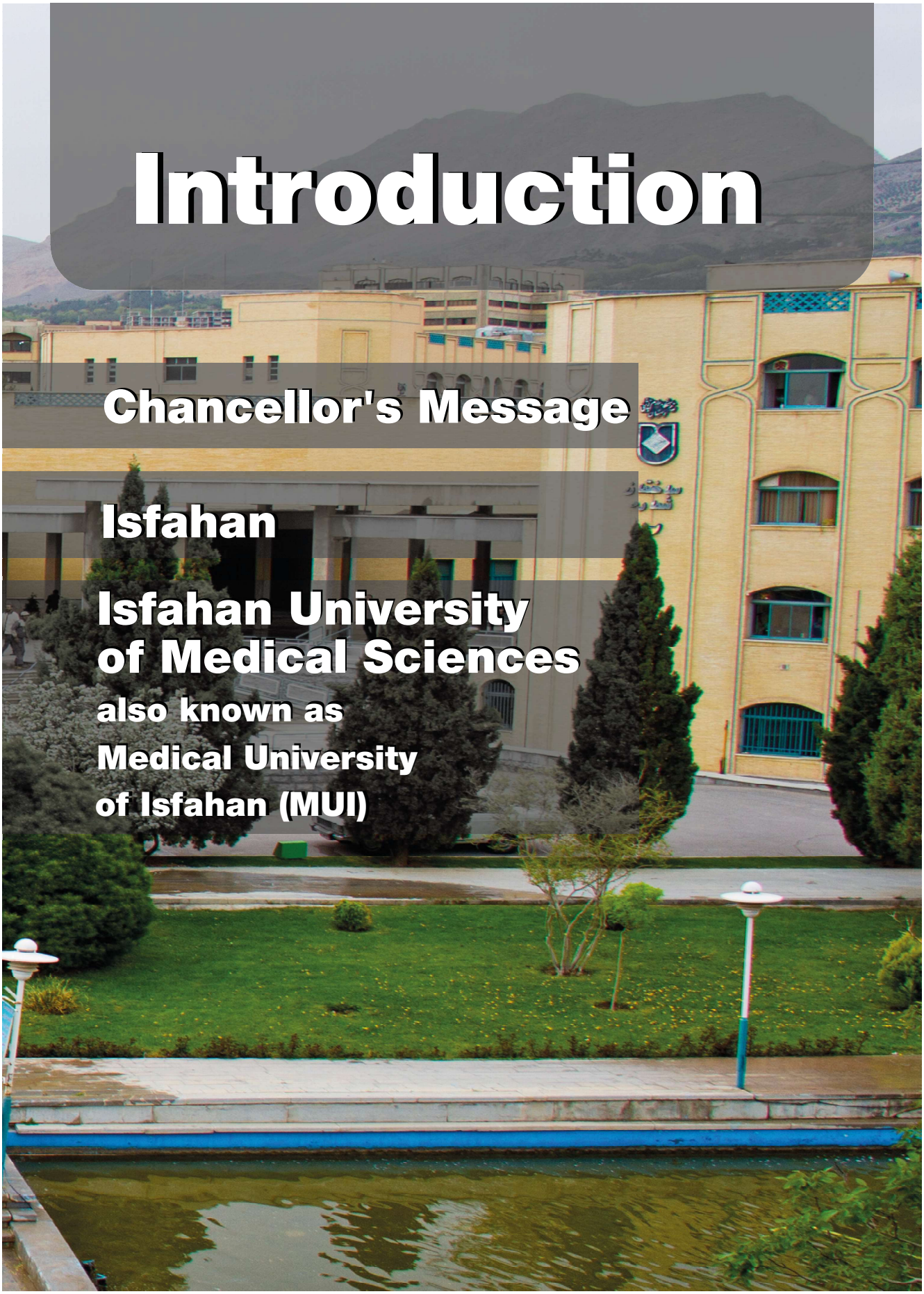
- Ayatollah Kashani
- Imam Hossein

ستاد مرکزی دانشگاه علوم پزشکی و خدمات بهداشتی درمانی
استان اصفهان
U.G.C



Introduction

Chancellor's Message

Isfahan

Isfahan University of Medical Sciences

also known as
Medical University of Isfahan (MUI)

Chancellor's Message

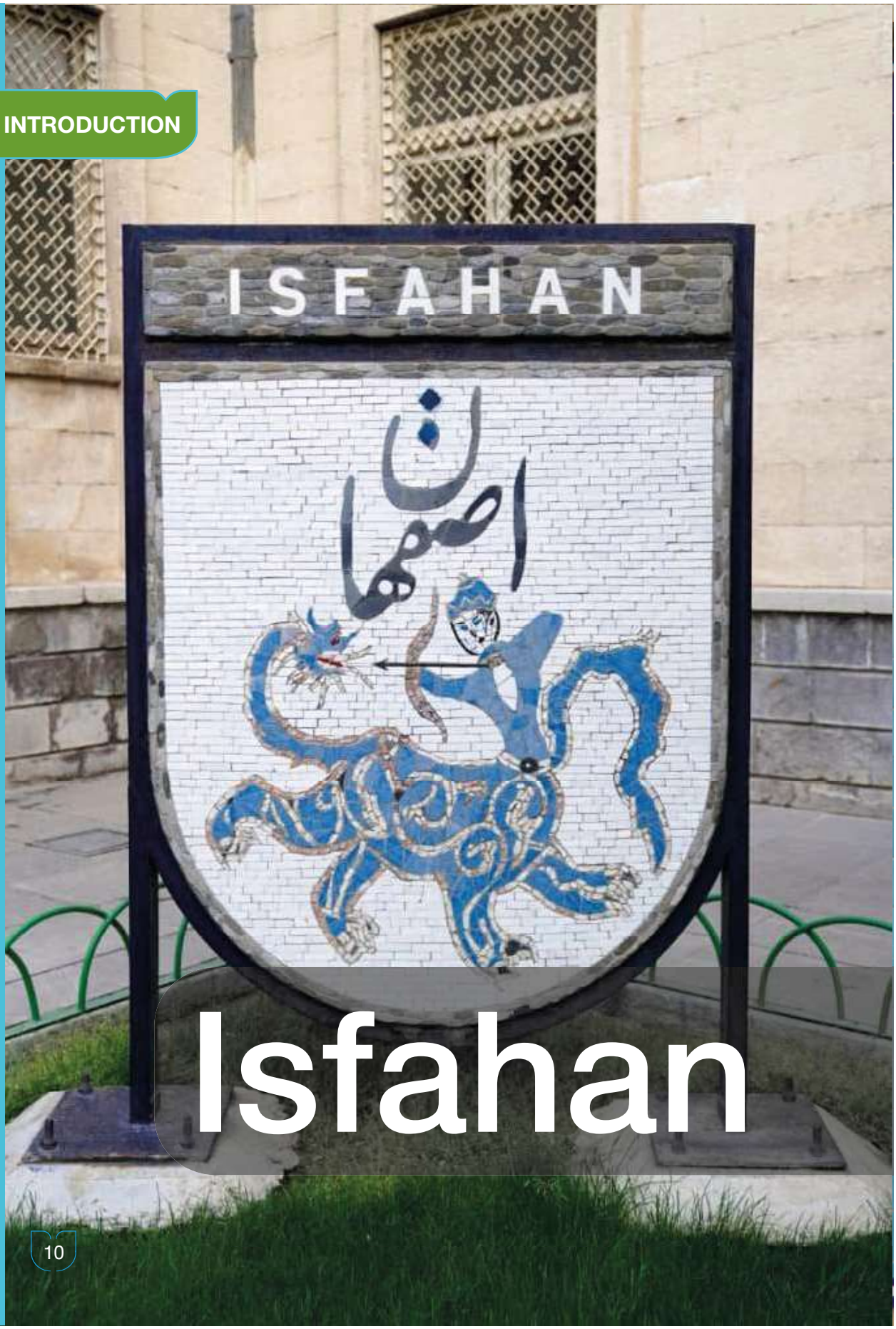
MESSAGE

Isfahan University of Medical Sciences is a well-established institution of higher education offering a broad spectrum of degree programs including undergraduate, graduate, postgraduate and specialty programs to students of international origin.

Isfahan University of Medical Sciences, is recognized as a pioneer medical university in Iran, in terms of educational excellence and socially accountable academic programs. We try to provide a fruitful and enjoyable learning environment for both students and staff while respecting their diverse cultures and expectations. With such academic treasure, a scientific atmosphere provides opportunities for intellectual growth and personal development.
A sense of commitment and dedication prevails among both the staff and the faculty members at this university. Brilliant faculty members, some of whom have studied at the most renowned academic centers of the world, are the main university assets. In addition, the historical city of Isfahan, a UNESCO world heritage center, with its hospitable people, is always there to fill you with wonders and exciting moments in students' educational life.
This catalogue offers ample information about our academic activities, as well as the vast coverage of health and treatment services throughout the entire province. The contact information of the relevant offices are provided in the respective sections, in case any further information is needed.

I am pleased to extend my warmest welcomes to all interested applicants and look forward to have their contribution to our community.

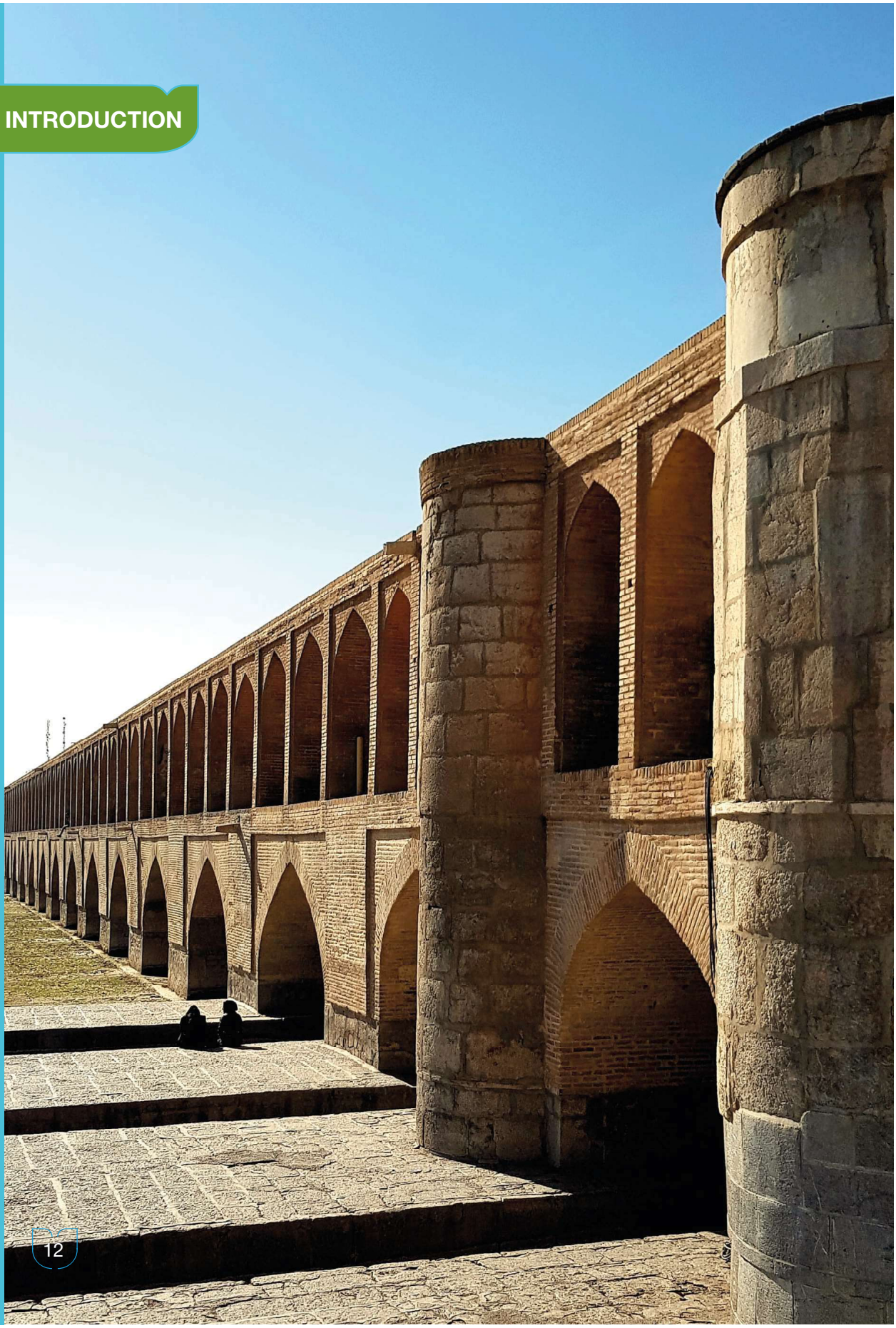
Dr. Tahereh Changiz M.D., Ph.D.
Chancellor of Isfahan University of Medical Sciences



Isfahan

Isfahan

INTRODUCTION



Isfahan

Isfahan, which is the third biggest city in Iran, is considered as one of the most beautiful cities in the world, with three UNESCO world heritage sites. This city is ideal for students in many ways:

With all advantages of a major city, student accommodation is more affordable in Isfahan than other major cities. The locals are friendly and the city is safe. It has a wide range of public transportation facilities and options, which makes it easy to get where you wish to go.

There are numerous splendid opportunities to explore and relax both inside and outside the town, such as Naqshe-e-Jahan, which is a UNESCO world heritage site, and the Grand Bazar. There are beautiful streets and streams with pleasant environment to walk around the city and enjoy the restaurants and coffee houses or the shopping malls, some of which are in walking distance of the university. The beautiful natural sights of the city also provide wonderful opportunities to relax and enjoy, such as Sofeh Mountain with beautiful jungle parks, various hiking routes, telecabin and amusement park; also along the margins of Zayandeh Rood, which is one of the largest rivers of Iran, is filled with beauty and amusements such as flower garden, museums, aquarium, bird garden, kids pool, play grounds, horse riding, rafting, and cycling routes.

Isfahan University of Medical Sciences

also known as

Medical University of Isfahan (MUI)

Overview:

Isfahan University of Medical Sciences or Medical University of Isfahan- MUI, was founded in 1946 and has grown to one of the largest public universities of the country today. It has 10 schools, 986 academic members, 42 research centers, 3 research institutes, 18 research journals and 38 affiliated hospitals. Over 70,000 students have graduated from this university up to now; and 9,832 students are studying in more than 80 majors in different educational degrees at this university, currently.

This university is consisted of seven vice chancelleries, five of which are presented extensively in this catalogue. The structure and function of the Vice Chancellery for Education, and Vice Chancellery for Research and Technology are described in the chapters of "Education", and "Research", respectively. Also, Vice Chancellery for Food and Drug, Vice Chancellery for Health, and Vice Chancellery for Treatment Affairs are presented in the chapter of "Health Services". The two remaining vice chancelleries are the Vice Chancellery for Logistics and Personnel Affairs and the Vice Chancellery for Students and Cultural Affairs. The former maintains the logistics of the university and Vice Chancellery for Students and Cultural Affairs is mainly engaged in the national students' accommodation, health services, and cultural affairs. The international students' affairs are managed by the International Education Center; this center is presented as a sub-chapter in the chapter of "Education" of this catalogue. The expansion and coordination of the international relations of this university is done by the Bureau of International Affairs, which can be contacted through international@mui.ac.ir. It is to mention that the joint academic activities of Iranian medical universities with Germany are also coordinated by the above mentioned bureau.

Location wise, Isfahan University of Medical Sciences is in adjacency to the University of Isfahan in the southwestern corner of the city of Isfahan. It lies on the Mount Soffeh foothills. Hence, the university enjoys a panoramic view of the city. The faculty buildings are situated among the spectacularly landscaped green areas of the university campus. Today, the university campus is located on Hezar-Jerib Avenue in Isfahan. Isfahan University of Medical Sciences is served by high-tech public transportation with excellent bus services to various parts of the city and the subway line runs along the university with two stations serving the campus.

INTRODUCTION

Facilities:

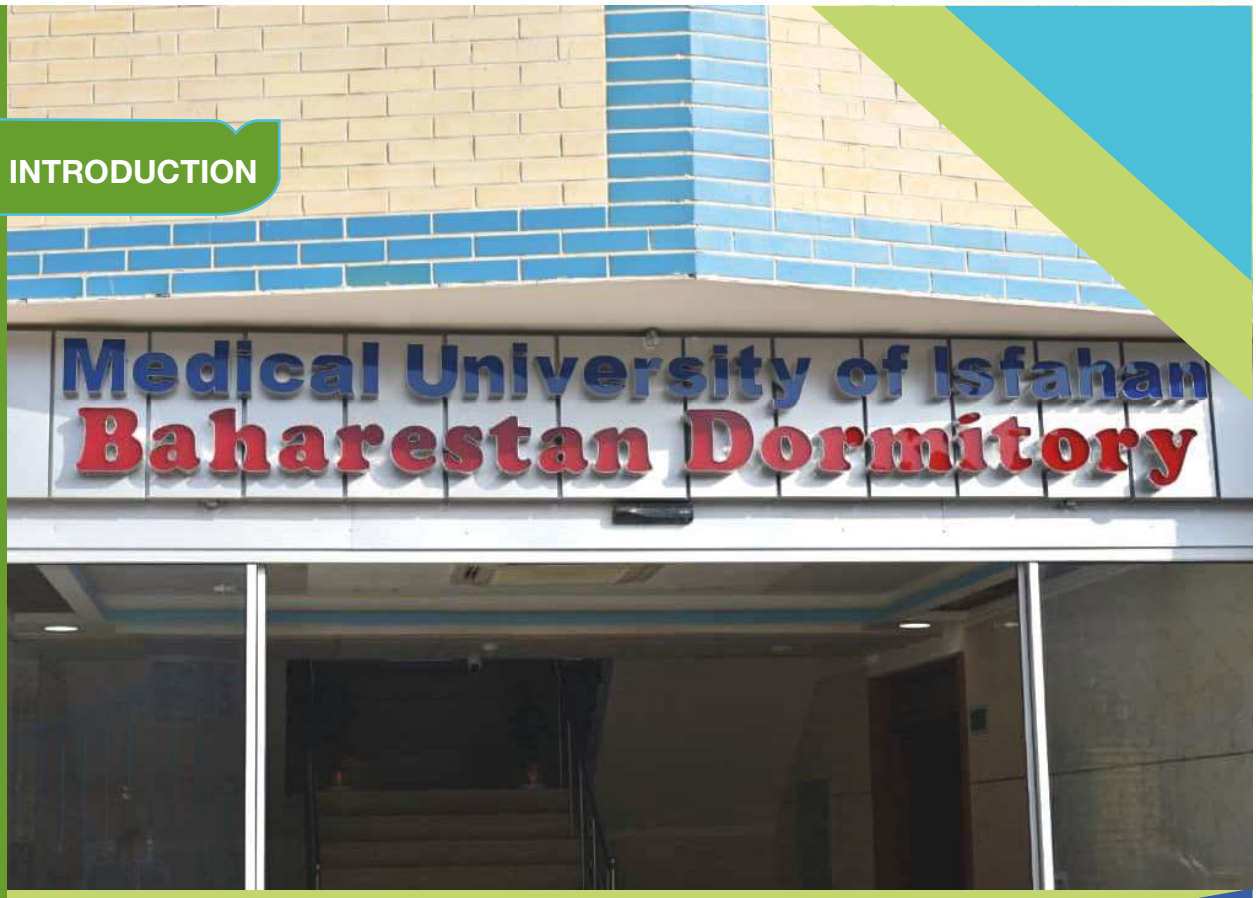
This university provides comfortable accommodation, various dining halls, sport facilities and libraries and health services to its students and foreign guests:

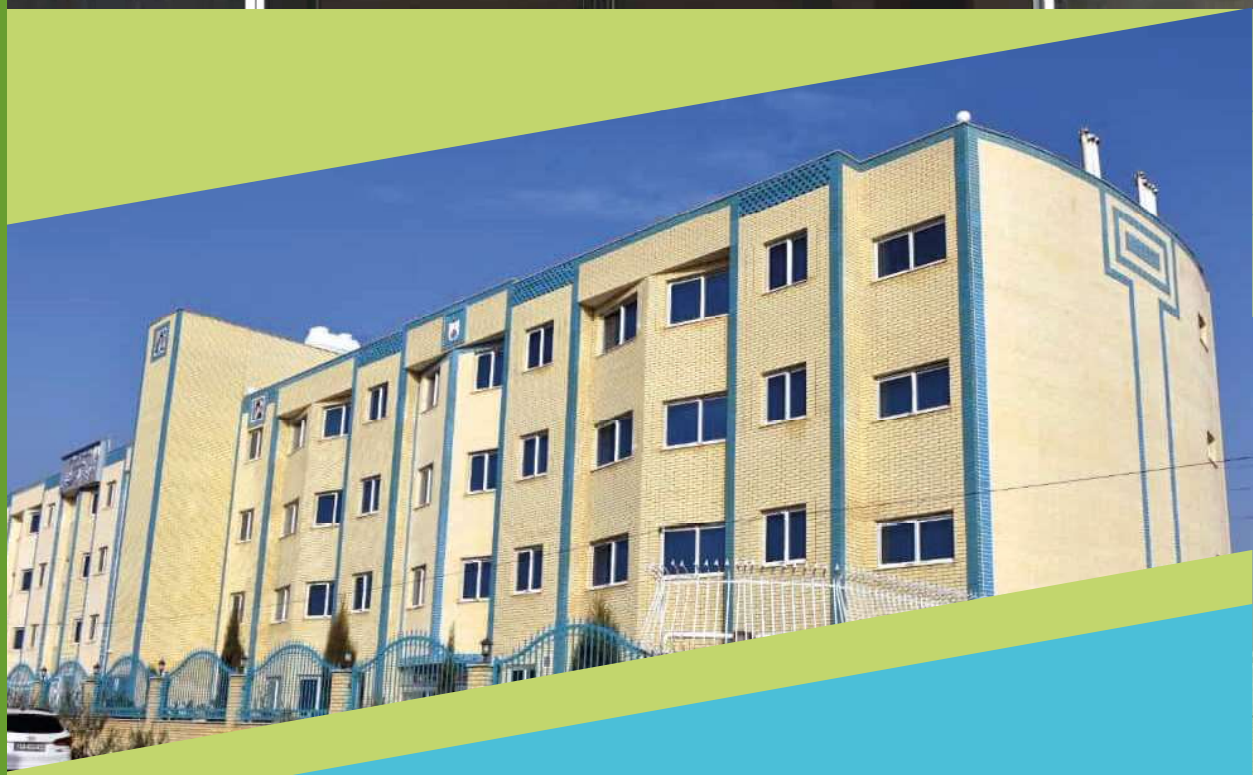
-There are two independent dormitories for international students near the university campus, which accommodate around 300 both gender students. The dormitories are well furnished with suitable facilities, and have free transportation facilities to the campus.

-The Dining Halls, namely Central Self-Service Canteen, Persian Gulf Dining Hall, Sabz Restaurant, Yaas Restaurant and Zeitoon Restaurant, serving premiere offerings for breakfast, lunch and dinner. The featured menu includes the best quality ingredients of favorable Iranian and international foods.

-Indoor and open-air sports are both available on the university campus and at and nearby the dorms. One can choose his/her favorite activities among 22 indoor and outdoor sports including bodybuilding, swimming, gym, ping-pong, basketball, volleyball, handball, badminton, football, fitness, cycling, martial arts, shooting, aerobics, soccer, track and fields, tennis and more.

-International students get health insurance coverage and also benefit from the health services and that are provided by the Student Health Centers.


Medical University of Isfahan
Baharestan Dormitory



AMBULANCE
مرکز بهداشتی درمانی

اگر میخواهید هم سفر ما نشوید درخانه بمانید.
#همه با هم کرونا را شکست خواهیم داد.
پیشنهادات
و
انتقادات
۱۵۹۰
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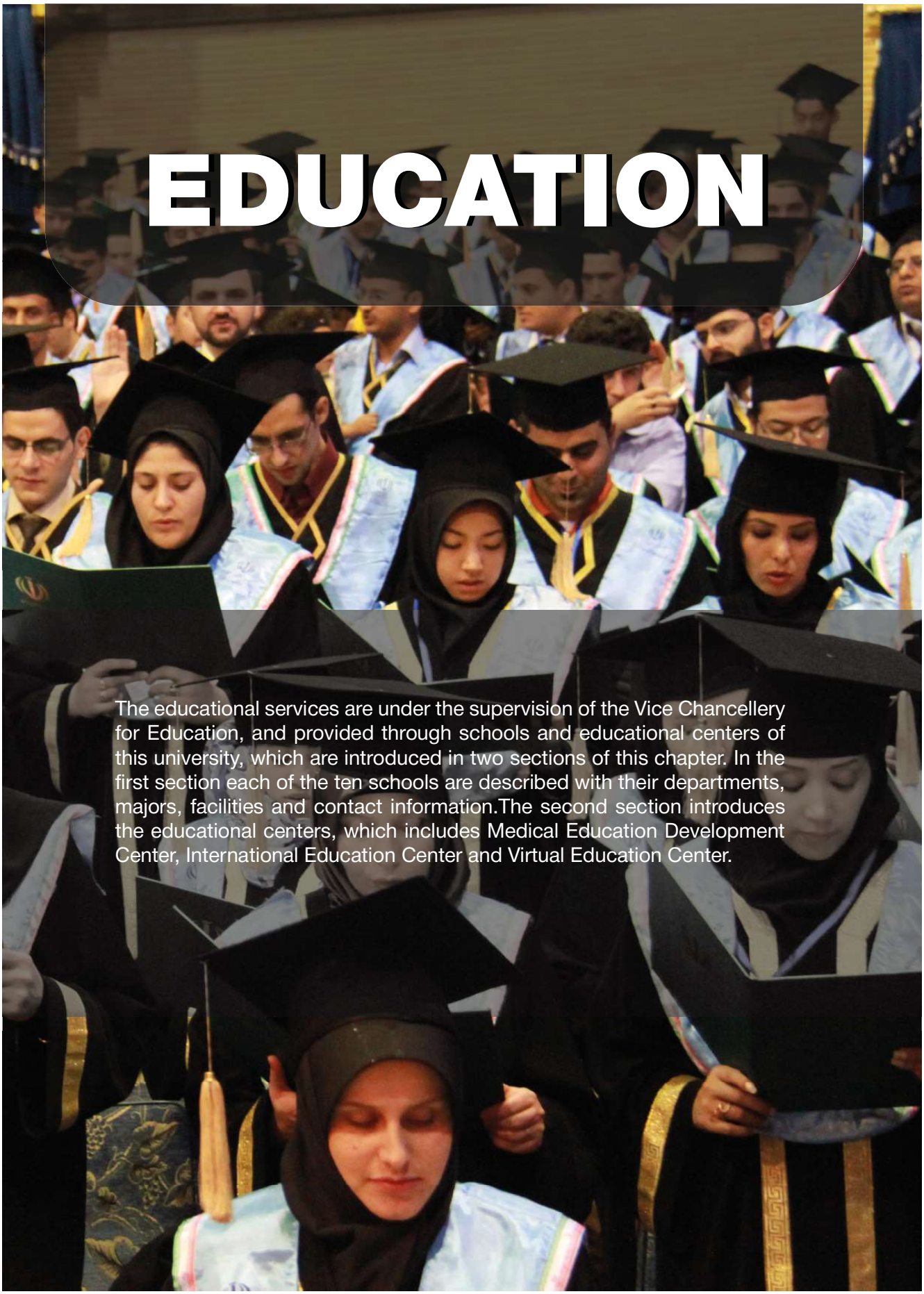
Mercedes-Benz
SPRINTER

INTRODUCTION

FACILITIES

EDUCATION



The educational services are under the supervision of the Vice Chancellery for Education, and provided through schools and educational centers of this university, which are introduced in two sections of this chapter. In the first section each of the ten schools are described with their departments, majors, facilities and contact information.The second section introduces the educational centers, which includes Medical Education Development Center, International Education Center and Virtual Education Center.

Schools

Medicine

Pharmacy and Pharmaceutical Sciences

Nursing and Midwifery

Health

Dentistry

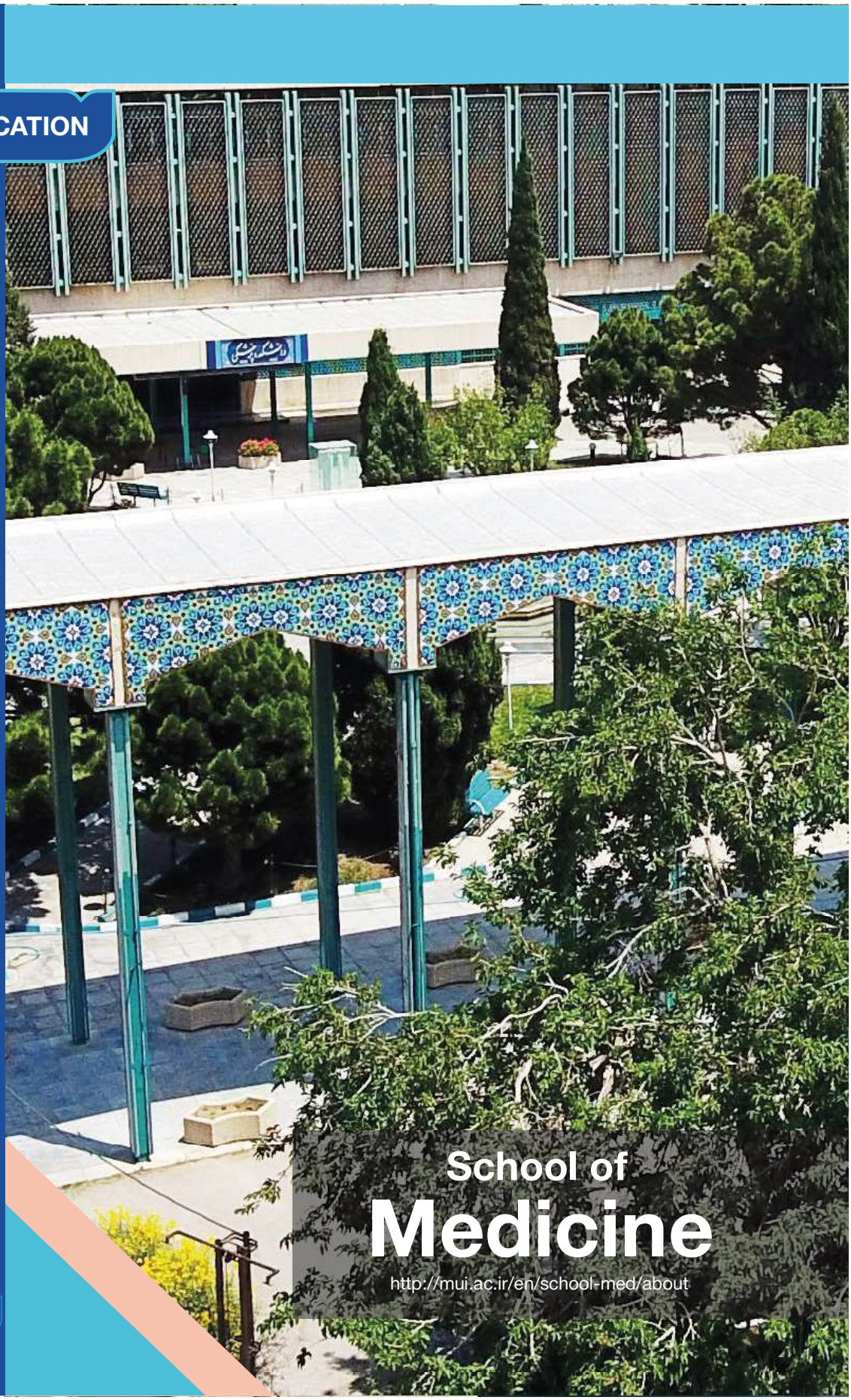
Rehabilitation Sciences

Management and Medical Informatics

Nutritional and Food Sciences

Advanced Technologies in Medicine

Paramedical Sciences



School of Medicine

http://mui.ac.ir/en/school-med/about

Introduction

The School of Medicine was founded in 1946, offering a seven year Doctor of Medicine Degree program (M.D.). Over time other degree programs, namely MSc, PhD, specialties and fellowship programs were also developed at the School of Medicine. Today this school has 538 active academic members and serves about 4050 students, from which 2800 are undergraduates and 1250 are postgraduate, specialty, subspecialty and fellowship students.

Departments

School of Medicine comprises of 32 educational departments, from which 24 are clinical sciences departments and 8 are basic sciences departments. The departments are as follows:

- Basic Sciences Departments

-Anatomical Sciences
-Bacteriology and Virology
-Medical Genetics and Molecular Biology
-Immunology
-Medical Physics
-Parasitology and Mycology
-Persian Medicine
-Physiology

- Clinical Sciences Departments

-Anesthesiology
-Cardiology
-Infectious Diseases and Tropical Medicine
-Clinical Toxicology
-Community Medicine and Health Sciences
-Dermatology
-Otolaryngology-Head and Neck Surgery
-Physical Medicine and Rehabilitation
-Emergency Medicine
-General Surgery
-Health Psychology
-Obstetrics and Gynecology
-Internal Medicine
-Urology
-Medical Ethics
-Neurology
-Neurosurgery
-Radiation Oncology
-Ophthalmology
-Orthopedics
-Pathology
-Pediatrics
-Psychiatry
-Radiology

Majors

A wide range of different degree programs are provided at the School of Medicine, some of which are brought next. For more detailed information please visit our website.

- Postgraduate programs

Anatomical Sciences, Bacteriology, Circulation Technology, Immunology, Medical Genetics, Medical Imaging Technology, Medical Physics, Molecular Medicine, Parasitology, Persian Medicine, Physiology, Mycology.

- Specialty programs

Anesthesiology, Cardiology, Community Medicine, Dermatology, Otorhinolaryngology-Head and Neck Surgery, Emergency Medicine, Family Medicine, General Surgery, Infectious Diseases and Tropical Medicine, Internal Medicine, Neurology, Neurosurgery, Obstetrics and Gynecology, Ophthalmology, Orthopedics, Pathology, Pediatrics, Physical Medicine and Rehabilitation (PM&R), Psychiatry, Radiation Oncology, Radiology, Urology

EDUCATION

-Subspecialty programs

Adult:

Intensive Care (ICU), Rheumatology, Adult Hematology and Oncology, Gastroenterology and Hepatology, Endocrinology and Metabolism, Pulmonary Medicine, Nephrology, Plastic and Reconstructive Surgery, Cardiovascular Surgery, Plastic Surgery, Thoracic Surgery, Rheumatology.

Pediatric:

Pediatric Gastroenterology and Hepatology, Pediatric Cardiology, Pediatric Neurology, Pediatric Endocrinology and Metabolism, Pediatric Surgery, Neonatal Medicine, Child and Adolescent Psychiatry

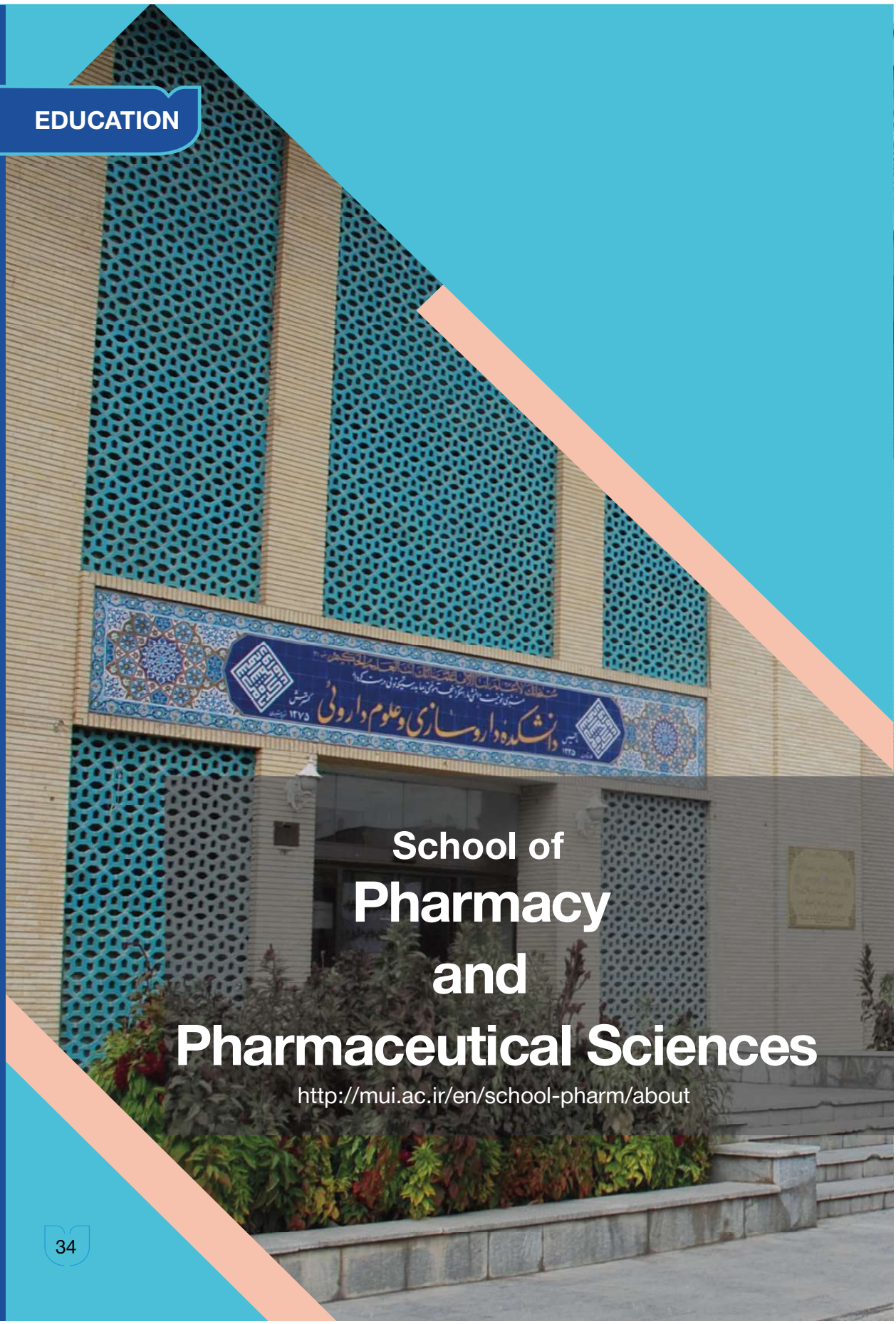
Fellowship programs:
Neuroanesthesia, Cardiac Anesthesia, Pediatric Anesthesia, Neurosurgery Anesthesia, Cornea and External Eye Diseases, Vitreo-Retinal, Interventional Cardiology, Echocardiography, Pediatric Neurosurgery, Burn surgery, Spinal Surgery, Epilepsy, Behavior and Neuropsychiatry, Clinical Toxicology, Endoscopic Gynecology, Gynecology Oncology, Infertility, Maternal Fetal Medicine, Sleep Medicine, Pediatric ICU.

Facilities

School of Medicine is equipped with numerous professional labs, including Cell Culture Lab, Histology Lab, Molecular Biology Lab, Protein Lab, Flow Cytometry Lab, Electronic Lab, Medical Physics Lab, Medical Optic Lab, Ultrasound Signal Processing Lab, Image Processing Lab, Bacteriology Lab, Molecular Microbiology Lab, Parasitology Teaching Lab, Mycology Teaching Lab, Immunology-Parasitology Research Lab, Molecular Parasitology Research Lab, Mycology Research Lab, Histopathology and Taxonomy Research Lab, General Physiology Lab, Endocrine Lab, Neurophysiology Lab, Kidney, Renal Physiology Lab, Gastrointestinal Physiology Lab, Virology Research Lab

Contact us

Visit our school's web ite at:
http://mui.ac.ir/en/school-med/about
Or Email us at:
international@med.mui.ac.ir (International Affairs Officer)



School of Pharmacy and Pharmaceutical Sciences

http://mui.ac.ir/en/school-pharm/about

SCHOOLS

Introduction

The school of Pharmacy and Pharmaceutical Sciences is one of the top ranked schools in the nation. The first postgraduate degree program of this school, which was MSc of Biochemistry was established in 1960. At present, this school has more than 60 academic members, and serves about 600 undergraduate and 30 postgraduate students. The school aims at training successful pharmacists and promoting pharmaceutical research programs.

Departments

The school has seven departments, which are as follows :

-Pharmacology and Toxicology
-Pharmacognosy
-Pharmaceutical Chemistry
-Pharmaceutics
-Clinical Biochemistry
-Pharmaceutical Biotechnology
-Clinical Pharmacy and Pharmacy Practice.

Majors

Currently, three Master of Science, one Master of Pharmacy (M Pharm) and seven PhD programs are available.

PhD programs in:
Medicinal Chemistry; Pharmacology; Pharmaceutics; Clinical Pharmacy; Clinical Biochemistry; Pharmacognosy; Pharmaceutical Biotechnology and Pharmaceutical Nanotechnology. For more detailed information please visit our website:
http://mui.ac.ir/en/school-pharm/about

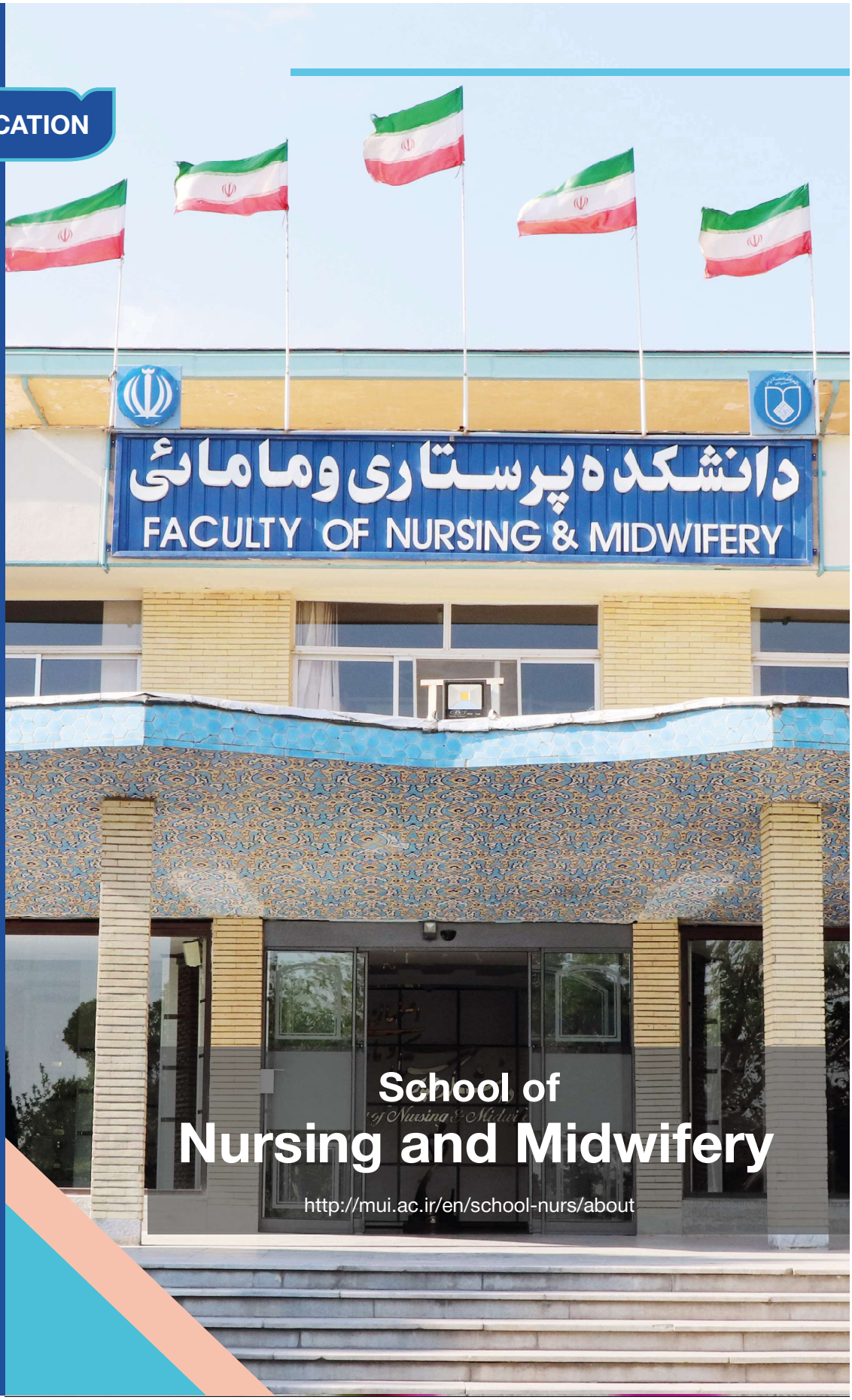
Facilities

This school has several labs, including: Pharmacology and Toxicology, Cell Culture, General Chemistry, Analytical Chemistry, Organic Chemistry, Pharmaceutical Analysis, Instrumental Analysis, Semisolid Products, Solid Dosage Forms, Quality Control, Molecular Biotechnology, Recombinant Protein Production.

There is also a model pharmacy and more than five educational pharmacies wherein different categories of medications are provided in order to develop a real-condition pharmacy and facilitate the education of the pharmacy students. Two well-equipped standard laboratories and a herbarium for medicinal plant authentication and conservation are also available for students and scholars.

Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-pharm/about
Or Email us at:
dean@pharm.mui.ac.ir



School of Nursing and Midwifery

http://mui.ac.ir/en/school-nurs/about

Introduction

The School of Nursing and Midwifery was established in year 1968. It first started with training courses in the field of nursing and midwifery, which were transformed into undergraduate degree programs later on. It then grew further by adding other degree programs such as Surgical Technology, Medical Surgical Nursing, Public Health, Pediatric, Psychiatric Nursing, Management Disciplines and Reproductive Health, as well as offering post graduate degree programs. This school has gained the first national ranking among the medical schools of the country in the past 15 years. Today, the School of Nursing and Midwifery has 80 academic members and serves more than 1100 undergraduate and 300 postgraduate students.

EDUCATION

Departments

The school has seven departments, which are as follows:

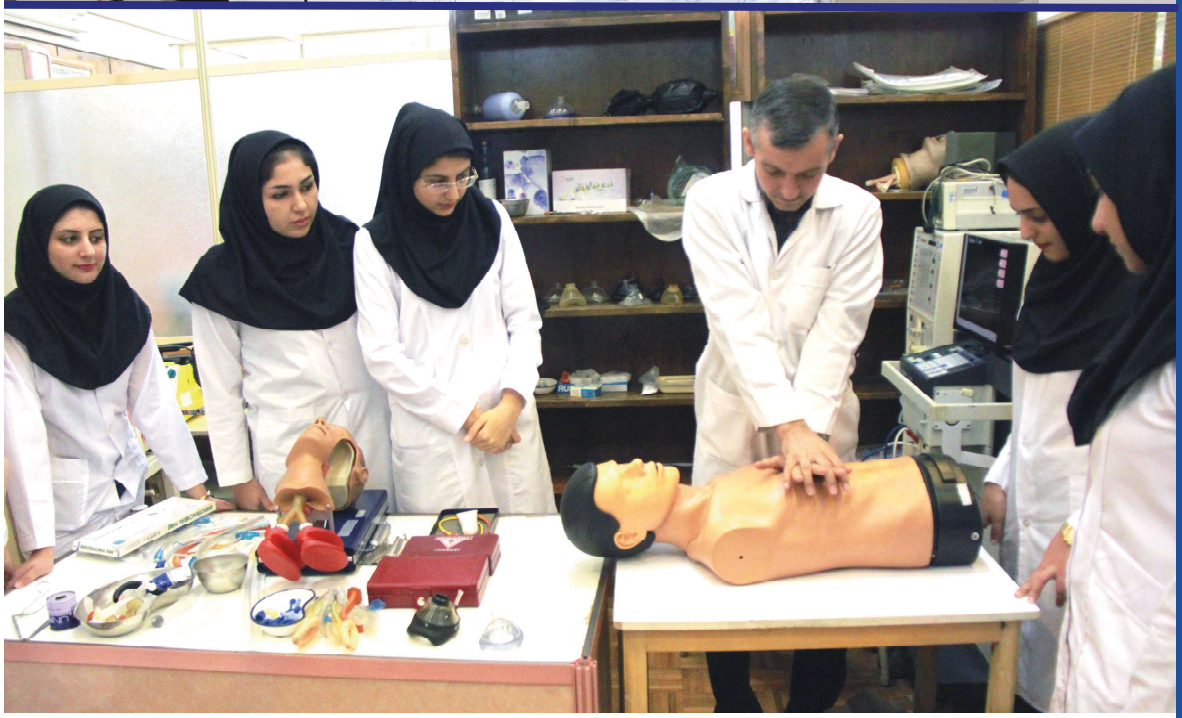
-Adult Health Nursing
-Critical Care Nursing
-Psychiatric Nursing
-Pediatric Nursing
-Surgical Technology
-Midwifery and Reproductive Health
-Community Health Nursing
-Management.

Majors

Three majors are offered to undergraduate students: Nursing, Midwifery and Surgical Technology. At graduate and postgraduate levels, the following majors are offered: Adult Health Nursing, Critical Care Nursing, Geriatric Nursing, Community Health Nursing, Psychiatric Nursing, Pediatric Nursing and Neonatal intensive Care Nursing, Reproductive Health, Midwifery Education, Community-Based Midwifery and Forensic Midwifery and Surgical Technology.

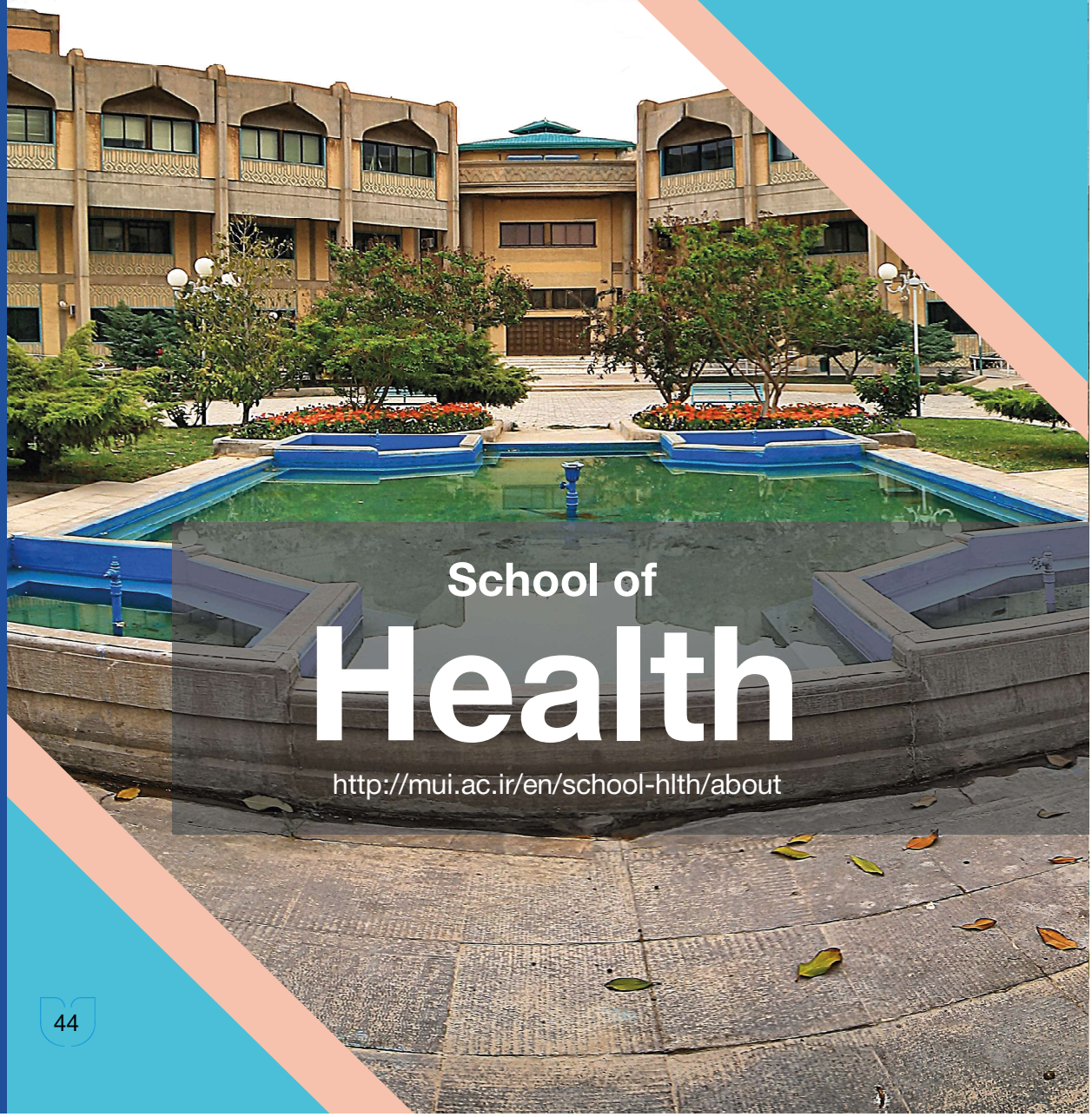
Facilities

This school is equipped with Clinical Skill Lab and advanced educational stimulators and facilities by which students can practice clinical procedures. There are six classes for teaching basic clinical skills as well as classes for Physical Examination, Pediatric Intensive Skills, ICU, CCU, Emergencies, Midwifery, and Health and Operating Room.



Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-nurs/about
or Email our International Affairs' officer at:
sedighehfarzi@nm.mui.ac.ir



School of Health

http://mui.ac.ir/en/school-hlth/about

Introduction

Prior to the establishment of a separate school in the field of Health, Isfahan University of Medical Sciences had first established a Department of Public Health in the School of Medicine in year 1969, which later started offering Bachelor of Public Health in 1978. The today's school of Health was officially established in year 1992. Currently, 36 academic members are active at this school; and it serves 391 undergraduate and 247 postgraduate students.

The School of Health aims at providing high level of education and fostering new research in order to prevent illness and injuries, ensure people living in a safe and clean environment, have healthy eating and lifestyle habits and develop policies and programs to reduce health disparities and improve health , safety and healthcare services.

Facilities

The school has 13 laboratories, namely Environmental Toxicology Lab, Water and Wastewater Chemistry Lab, Environment Microbiology Lab, Laboratory of Waste, Chemical Hazard Lab, Occupational Toxicology Lab, Luminance Work and Thermal Stresses Lab, Sound and Vibration Lab, Industrial Ventilation Lab, Ergonomic Laboratory, Cognitive Ergonomics Lab, Safety Lab, and Beams Evaluation Lab.

Departments

School of Health is consisted of the following departments :

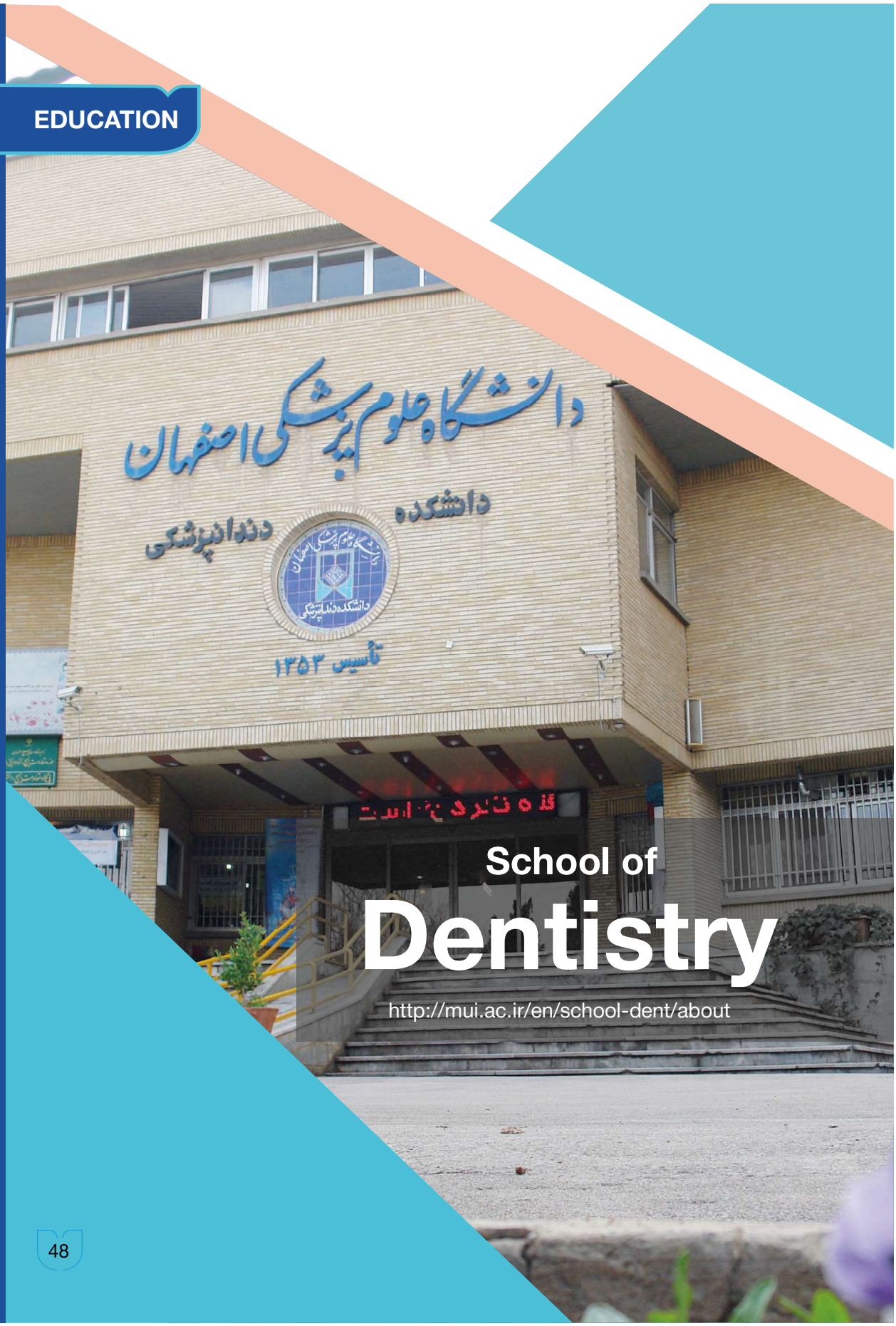
-Occupational Health and Safety
-Engineering
-Environmental Health Engineering
-Health Education and Health Promotion
-Epidemiology and Biostatistics.

Majors

The school offers undergraduate majors in Occupational Health and Safety Engineering, Environmental Health Engineering, and Public Health; it also offers Master of Science and PhD in Occupational Health and Safety Engineering, Health and Safety Environment, Environmental Health Engineering, Environmental Toxicology, Health Education and Promotion, Epidemiology, and Biostatistics.

Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-hlth/about
or Email us at:
habibi@hlth.mui.ac.ir



School of Dentistry

http://mui.ac.ir/en/school-dent/about

Introduction

The School of Dentistry was established in 1975. It started with 1 department and 9 academic members which has grown to 12 departments and 112 faculty members and around 700 undergraduate students and 100 postgraduates in year 2020.
This school is among the top five Iranian dental schools. It offers both patient care services and academic programs allowing dentists to train as specialists.

EDUCATION

Departments

School of Dentistry comprises of 12 departments, as follows:

-Endodontic
-Oral and Maxillofacial Surgery
-Oral Public Health
-Oral Medicine
-Operative Dentistry
-Orthodontics
-Oral and Maxillofacial Pathology
-Pedodontics
-Periodontics
-Prosthodontics
-Oral and Maxillofacial Pathology
-Oral and Maxillofacial Radiology
-Dental Implants.

Majors

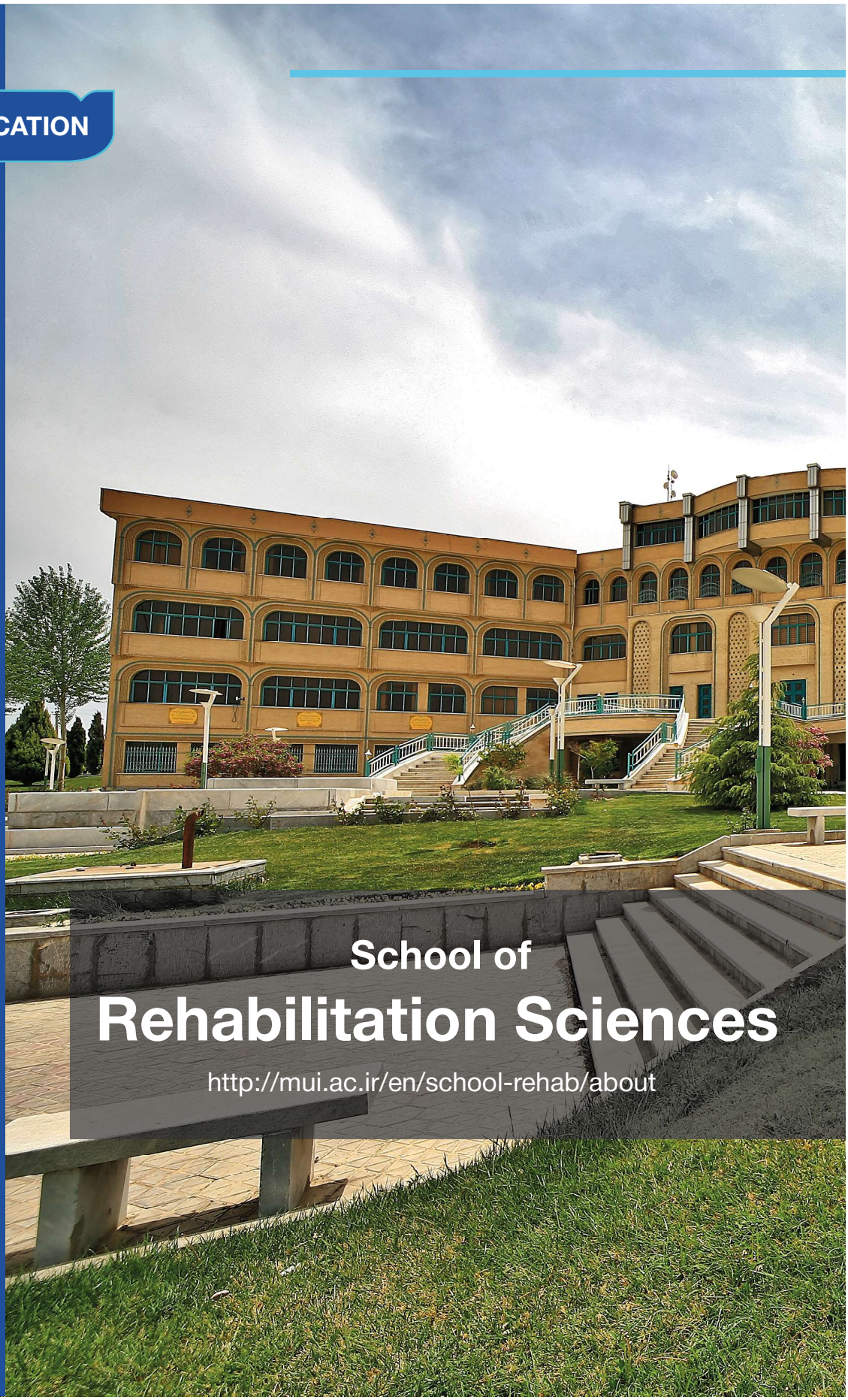
The School offers a variety of majors to the students including, Bachelor of Science in Dental Prosthodontics, General Doctorate Degree in Dentistry (DDS), PhD in Oral Public Health, fellowship programs in Hospitalized Dentistry, Implant Surgery and Prosthodontics, and ten other postgraduate programs.

Facilities

The School of Dentistry is equipped with training clinics, laboratories, a computer site and conference halls. There are 10 undergraduate and 10 post-graduate training clinics with more than 300 dental unit chairs, which are located in different departments and are furnished with all the necessary dental facilities based on the requirements of the courses. The school also has three laboratories, namely: Central Laboratory, Prosthodontics Laboratory, and Preclinical Laboratory.

Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-dent/about
Or Email us at:
Fakheran@dnt.mui.ac.ir (Dr. Omid Fakheran, International Affairs Director of the School of Dentistry)



School of Rehabilitation Sciences

http://mui.ac.ir/en/school-rehab/about

Introduction

The School of Rehabilitation Sciences was established in 1992. This school has been offering undergraduate degree programs since then, and has added post graduate degrees later on. PhD degrees in Orthotics and Prosthetics were also added to the existing programs in year 2016. Today, this school has 38 academic members, and it serves about 450 undergraduate students and about 70 postgraduate students including 9 PhD students. The School of Rehabilitation Sciences aims to obtain scientific excellence in three areas:

- Bridging between rehabilitation sciences and wealth
- Using new technologies to improve elderly lives
- Raising public awareness of rehabilitation sciences

Departments

The School of Rehabilitation Sciences is consisted of the following departments:

-Audiology
-Occupational Therapy
-Orthotics and Prosthetics
-Physiotherapy
-Speech Therapy.

Majors

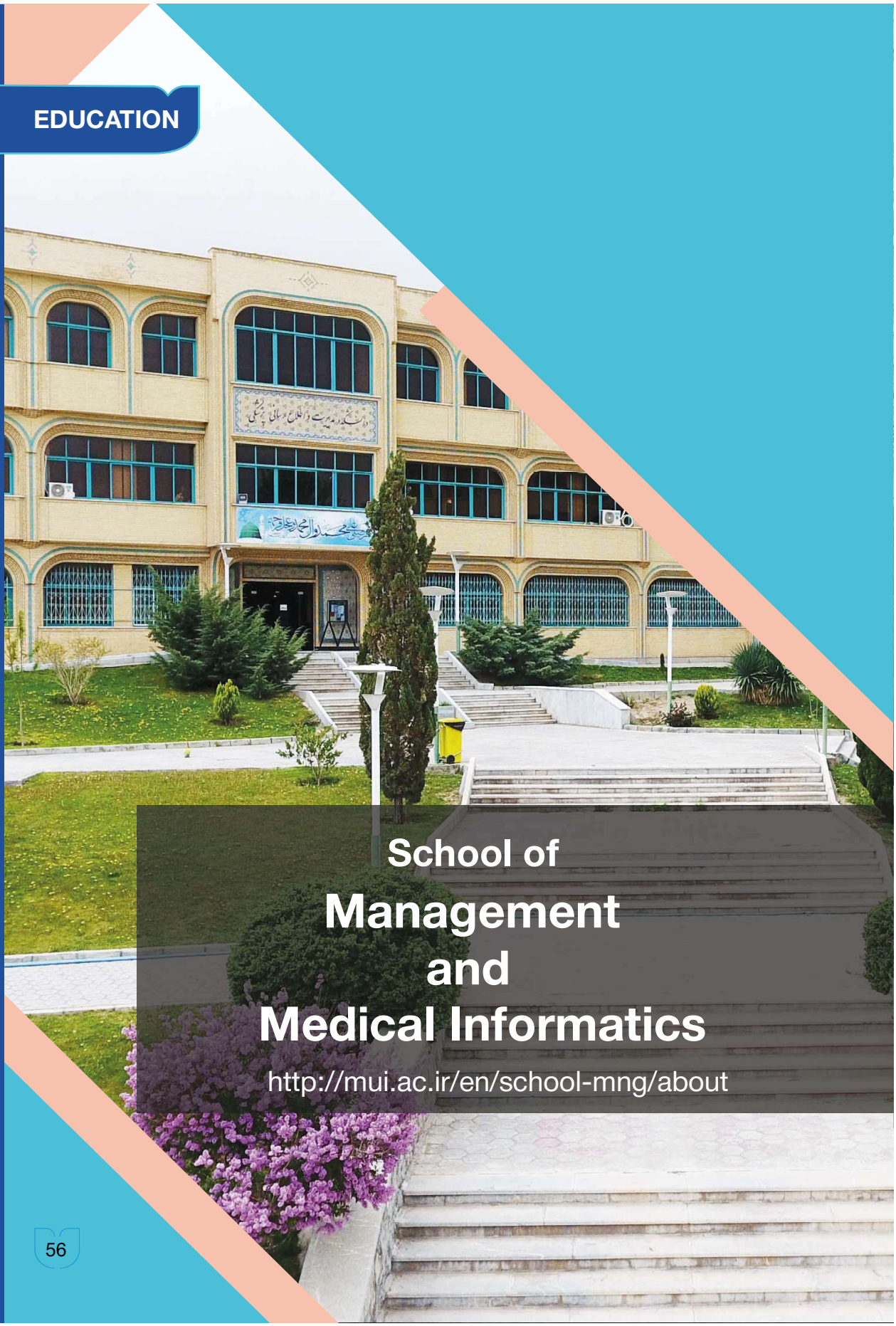
The school offers undergraduate majors in the field of Audiology, Occupational Therapy, Orthotics and Prosthetics, Physiotherapy, and Speech Therapy. It also offers Master of Science in Orthotics and Prosthetic, Physiotherapy and Speech Therapy; and PhD in Orthotics and Prosthetics.

Facilities

The School of Rehabilitation Sciences has several clinics for students and scholars. Clinics that offer various therapeutic services at this school are Audiometry Clinic, Occupational Therapy Clinic, Cleft Lip and Palate Clinic, Orthotics and Prosthetics Clinic, Physiotherapy Clinic and Speech Therapy. Some of the clinics of this school are actively located at some university hospitals, including Alzahra and Ayatollah Kashani.

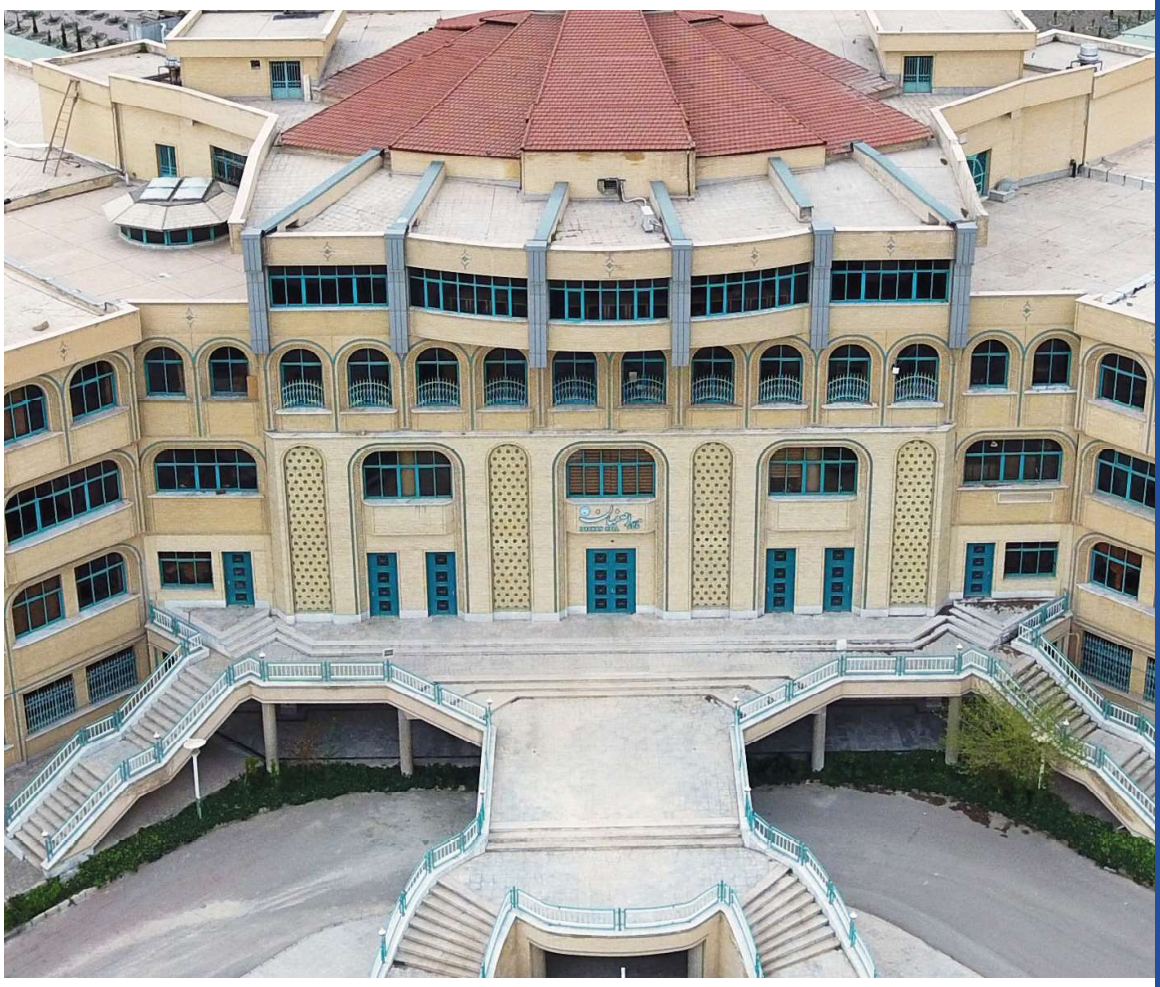
Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-rehab/about
or Email us at:
tavanbakhshi@mui.ac.ir



School of Management and Medical Informatics

http://mui.ac.ir/en/school-mng/about



Introduction

The School of Management and Medical Informatics was established in year 1993. This school has been offering undergraduate degree programs since then. It later added offering Master of Science degree programs in 2005, and PhD degree programs in 2013. Today this school has 40 academic members and serves 180 undergraduate and 103 postgraduate students.

EDUCATION

Facilities

This school is equipped with a language laboratory, as well as some computer sites, three of which are only for postgraduate students. A library and study hall are also available for students.

Departments

This school is consisted of the following departments:

-Healthcare Services Management
-Management and Health Information Technology
-Medical Librarianship and Information Sciences
-Health and Social Welfare
-Health in Disasters and Emergencies
-General Courses
-Foreign Languages.

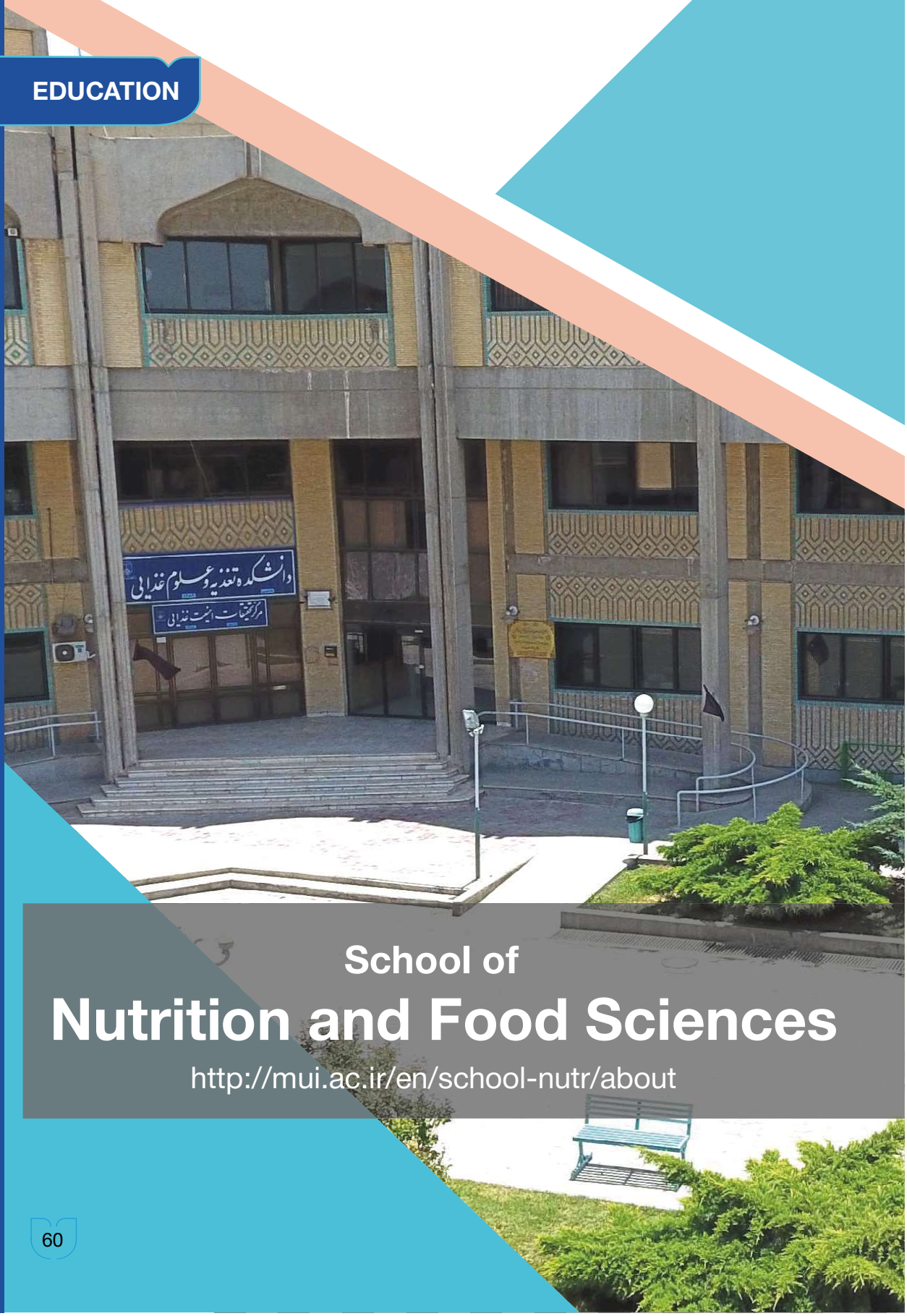
Majors

The school offers undergraduate majors in Healthcare Services Management, Health Information Technology and Medical Librarianship and Information Sciences; it also offers postgraduate majors, including Master of Science and PhD in Healthcare Services Management, Health Economics, Health in Disasters and Emergencies, Health Information Technology, Medical Librarianship and Information Sciences, and Health and Social Welfare.

Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-mng/about
or Email us at:
afshari@mng.mui.ac.ir (International Affairs' Officer)

EDUCATION



School of
Nutrition and Food Sciences

http://mui.ac.ir/en/school-nutr/about

Introduction

Prior to the establishment of a separate school in the field of Nutrition and Food Sciences, Isfahan University of Medical Scienes had first established a Department of Nutrition in the School of Health in year 1987, which offered Bachelor of Nutrition to the students. School of Nutrition and Food Sciences was officially established in year 2009. Today, 20 faculty members are active at this School, and the school is serving 198 undergraduate and 93 postgraduate students.

The School of Nutrition and Food Sciences aims at improving the understanding of how diet influences health at molecular and population levels. It also supports developing nutritional strategies, and the dissemination of nutrition information to health professionals and the public.

Departments

The school is consisted of the following departments:

-Clinical Nutrition
-Community Nutrition
-Food Technology and Science.

Majors

The school offers undergraduate major in Nutritional Sciences and Master's degree in Nutritional Sciences, Health Sciences in Nutrition, Food Health and Safety; and PhD degree in Nutritional Sciences.

Facilities

This School is equipped with four laboratories, namely Food Microbiology Lab, Molecular Biology Lab, Nutrition Research Lab, and Reference Lab.

Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-nutr/about
or Email us at:
Dr.meraj.p@gmail.com (International Affairs' Officer)

School of
Advanced Technologies in Medicine

http://mui.ac.ir/en/school-advtch/about

Introduction

Prior to the establishment of an independent school , Isfahan University of Medical Sciences had first established a Department of Physics and Biomedical Engineering in the School of Medicine in year 1999. Later, the school of Advanced Technologies in Medicine was established in year 2012. Today, 22 faculty members are active at this school and the school is serving 40 Masters and 26 PhD students. It is to mention that 104 Masters and 14 PhD students have graduated from this school until year 2021. This school aims at advancing engineering knowledge and novel biomedical technology , which can improve human health .

Departments

This School is consisted of the following departments:

-Bioelectrical Engineering
-Biomaterial Engineering
-Bioinformatics
-Bioimaging.

Majors

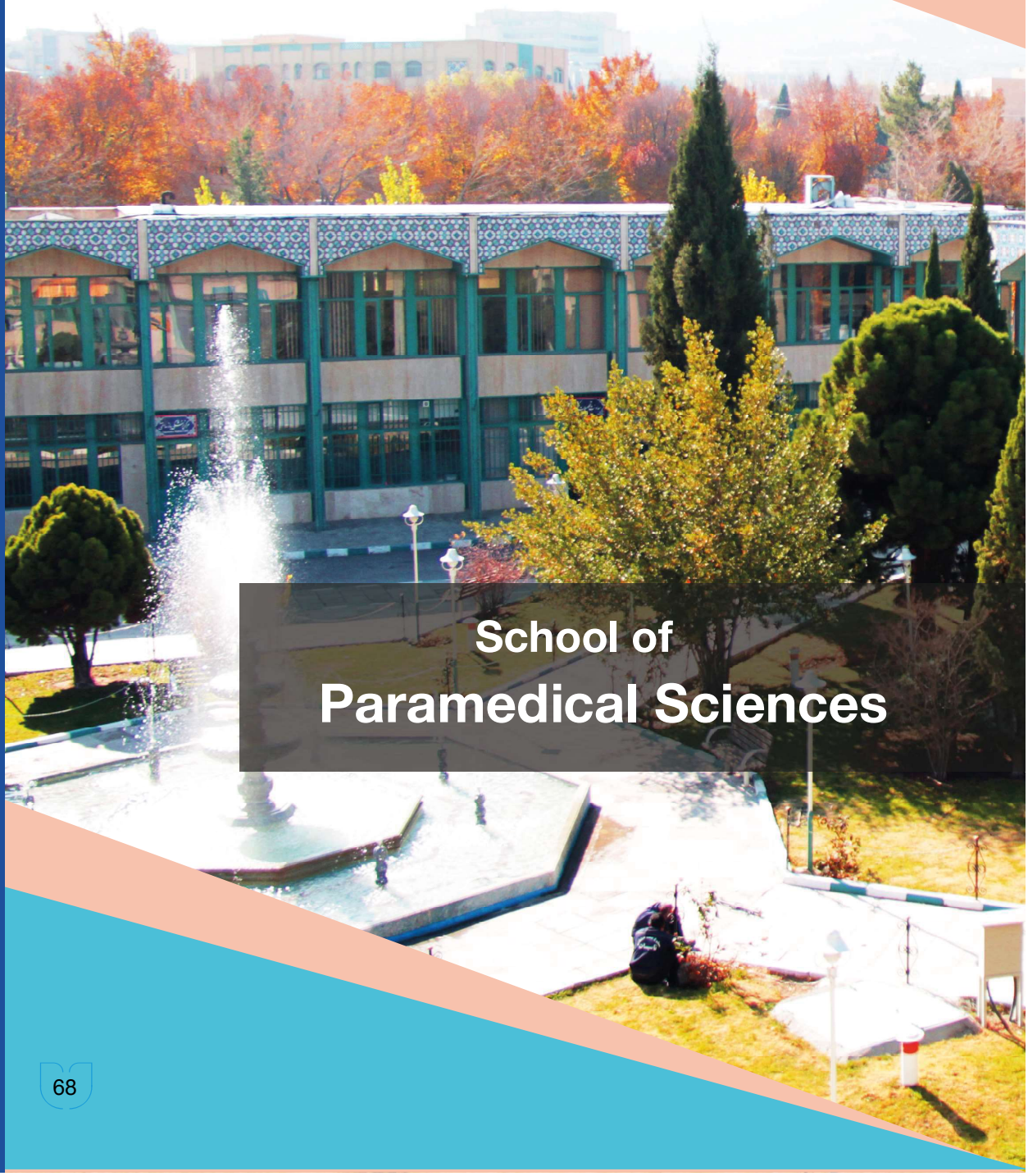
The school offers Master degree in Bioelectrical Engineering and Biomaterial Engineering and PhD degree in Bioelectrical Engineering, Neuroimaging, Bioinformatics and Tissue Engineering.

Facilities

The School of Advanced Technologies in Medicine is equipped with sixteen professional laboratories, a Linux Cluster Computer lab, a Clinic of Therapeutic Games and a Mini Cluster with GPU for Parallel Processing in Deep learning Method.

Contact us

Visit our school's website at:
http://mui.ac.ir/en/school-advtch/about
or Email us at:
amt@mui.ac.ir



School of Paramedical Sciences

Introduction

Prior to the establishment of a separate school, the paramedic students were studying at the School of Medicine. The School of Paramedical Sciences was established in year 2015. Eight hundred undergraduate students are being served at this school.

Departments

The school is divided into 4 departments, which are as following:

-Medical Laboratory Sciences
-Radiology Technology
-Anesthesia Technology
-Emergency Medical Services (EMS).

Majors

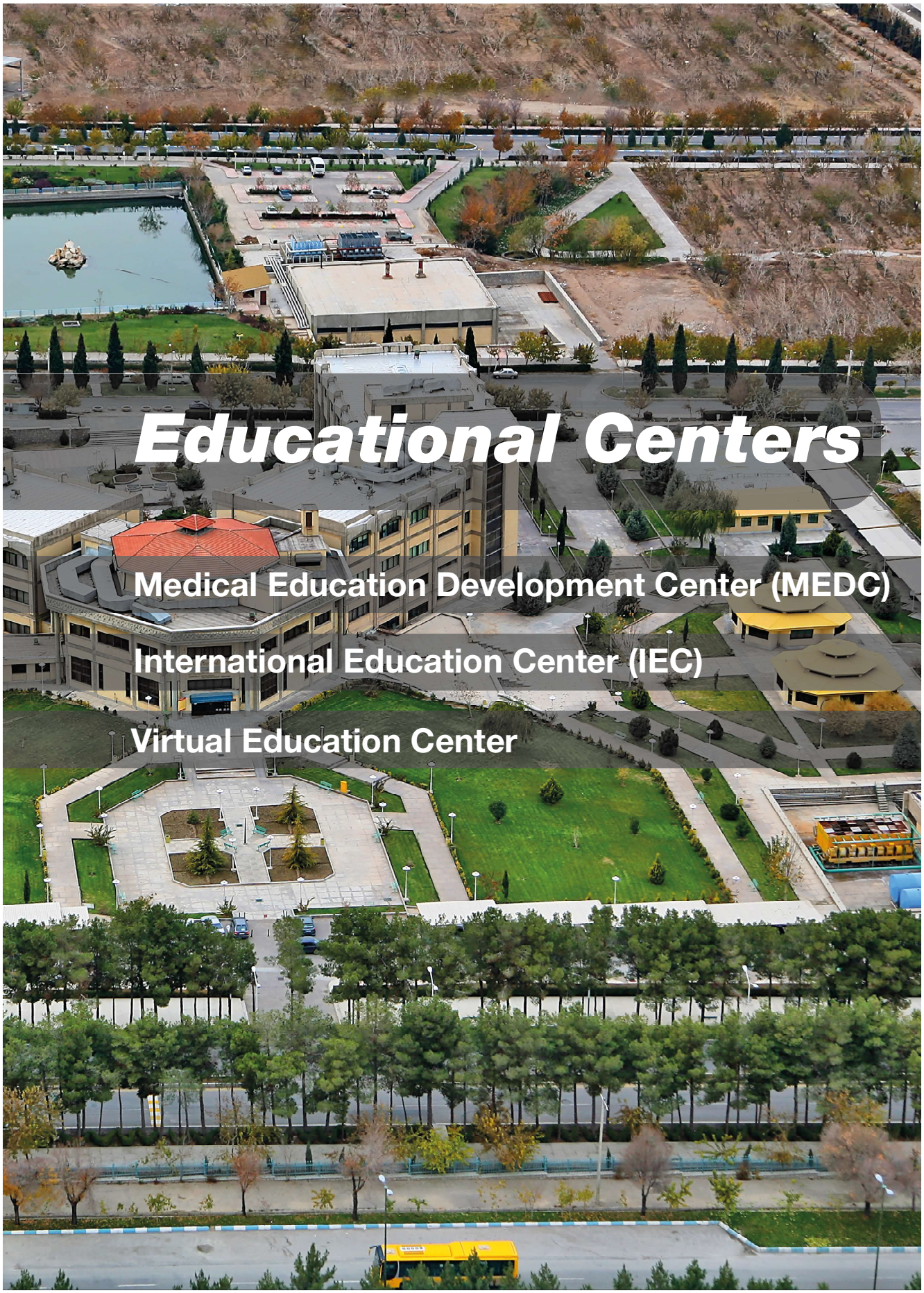
The school offers Associate or Bachelor degree programs in Medical Laboratory, Radiology Technology, Anesthesia Technology, and Prehospital Emergency Care.

Facilities

This school is currently using the facilities of the School of Medicine.

Contact us

Email us at:
international@med.mui.ac.ir



Educational Centers

Medical Education Development Center (MEDC)

International Education Center (IEC)

Virtual Education Center

Medical Education Development Center (MEDC)

The Medical Education Development Center (MEDC) of Isfahan University of Medical Sciences and Health Services was established in 1988 in response to the growing demand of the educational activities. Having top capacity in medical education this center was accredited as "Medical Education Research Center" by the Ministry of Health and Medical Education in year 2005. Today, this center has grown to such an extent that it has become one of the pioneer centers of its own kind and an educational pole in the country.

This center is in charge of academic member empowerment, leading (and maintaining) educational research, evaluating educational activities such as evaluating programs, teachers and students, curriculum development, promotion of teaching and learning , and providing programs leading to MS and PhD degrees in Medical Education. Also, another integral responsibility of this center is to recognize and support talented students and help them develop and grow in their field of interest.

EDUCATION

Some of the main activities and innovations of MEDC are as follows:

-Developing the institutional accreditation system for all Iranian Medical Universities

-Designing the process and structure of program accreditation system for all Iranian health professions educational programs

-Holding workshops, different educational programs, clinical skill trainings

-Providing consultations regarding the design and revision of the education curricula according to communities needs and job description of the health professionals

-MEDC also publishes Iranian Journal of Medical Education, which encompasses articles related to community oriented medical education

-Conducting researches in the field of Medical Education and providing consultation to other researchers of the university who are active in the same research field.

-Approving and funding any research that is performed in the entire university in the field of Medical Education

-Providing technical and financial support for the thesis of PhD, MSc and medical students, which are in the field of Medical Education

-Design and implementation of Continuous Medical Education courses through formal lectures, seminars, journal clubs, symposia, workshops and e-learning programs

-Designing Introduction to Clinical Medicine (ICM), which is an interface between basic medical sciences and clerckship

-Designing the NAJMA software system, which is one of the nationwide known innovations, helps designing and preparing questions especially for board exams as well as other high stake tests

It is also commendable to mention that the Clinical Skills Learning Center (CSLC) and the Virtual Education Center (VEC) of this university are both under MEDC's supervision:

-Clinical Skills Learning Center (CLSC) provides learning facilities for students in different disciplines of medical fields that are offered at this university and also cooperates in developing and running clinical examinations such as OSCE and KF. This center aims at preparing medical students for clinical environments and real patients by providing related facilities and professional trainers. The center has also been nominated as a Center for Excellence in Clinical Skills Learning.

-Virtual Education Center, with an equipped high tech audio and visual studio, provides the required facilities in order to prepare e-learning materials for formal courses, Continuing Medical Education (CME) programs and faculty development programs. This unit is explained in more details in another section of the chapter of Educational Centers of the university.

International Education Center (IEC)

INTRODUCTION

International Education Center (IEC) is in charge of the international students of Isfahan University of Medical Sciences in every regard. This center was founded in 2016 and its mission is to provide affordable, high-quality medical education to qualified international students. IEC achieves its mission through providing a supportive and stimulating environment in which the students can reach their full potential that includes cutting-edge research facilities and unrivalled resources across the disciplines, as well as personal and welfare support, academic guidance and a sense of community throughout the students' time here.

Moreover, it places the highest priority on respect for the dignity and diversity of the members of the Education Center students, faculty members, employees, and volunteers. It is committed to supporting their professional, intellectual, and emotional growth so they may have the opportunity to fulfill their potential and achieve their goals.

WORLD-CLASS STATUS

From our perspective, understanding where we are in universal rankings is vital not only to Isfahan University of Medical Sciences administration but also to the view of our prospective students. Success in the Times Higher Education (THE) World University Rankings 2020, for us, is about how we are able to become as good as we really can be. Times Higher Education World University Rankings system is one of the most prestigious international rankings which is the data provider underpinning university excellence in every continent across the world. Since the IEC has achieved world-class status and attained the best rank in the university's history in THE, it can make the Isfahan University of Medical Sciences way up the global university rankings.

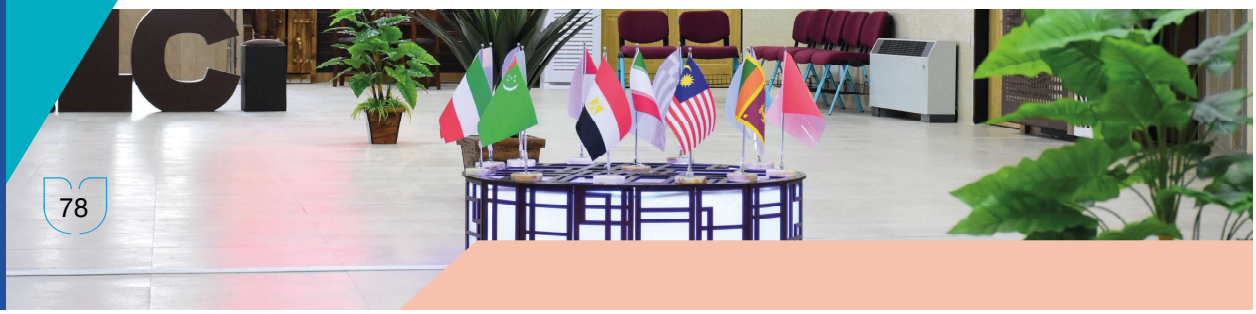
OUR INTERNATIONAL STUDENTS

Students from all over the world join us yearly with the drive to succeed, and choose us as their academic destination to make their university experience unequalled. In general, the academic department look for students with the ability, enthusiasm, curiosity, and commitment needed to pursue higher-level study here.

Currently, our international students are from more than 14 different nations, including India, Australia, Brazil, the United Kingdom, Sri Lanka, Tanzania, Kuwait, Lebanon, Bahrain, Syria, Iraq, Pakistan, and Saudi Arabia. Interestingly enough, international student numbers have soared in our most recent intake, which is attributed to maintaining a high-quality education, welcoming environment, as well as promising graduate prospects.

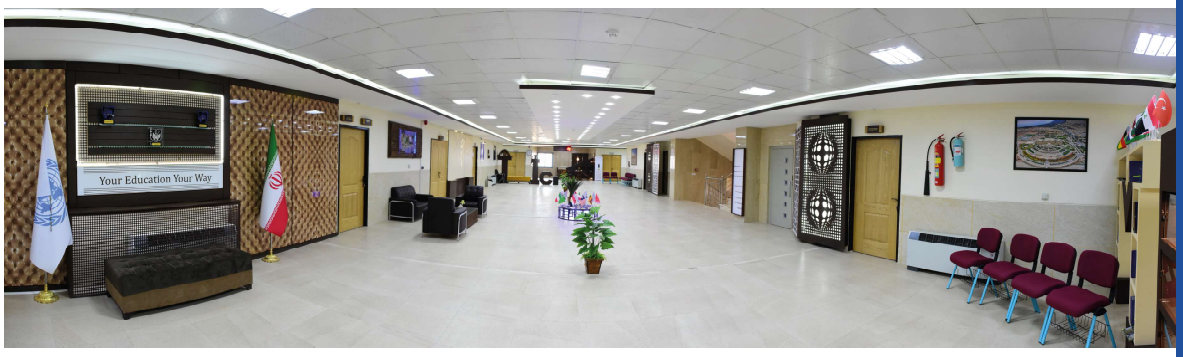
PROGRAMS

There are a number of higher education qualifications available to prospective students at undergraduate (professional doctorate, BSc), postgraduate (MSc, PhD), specialty, subspecialty, and fellowship levels in various fields of study. Presently, the university has students in different majors as stated below. For further information about all majors, visit our website at www.iedu.mui.ac.ir



•Undergraduate: Doctor of Medicine (MD), Doctor of Dental Surgery (DDS), Doctor of Pharmacy (Pharm D), MBBS, Nursing, Midwifery, Bachelor of Dental Surgery (BDS), Operating Room, Environmental Health, Nutrition, Physical Therapy.

•Postgraduate: Nursing, Midwifery, Microbiology, Biotechnology, Medical Genetics, Anatomical Sciences, Molecular Genetics, Parasitology, Mycology, Immunology, Iranian Traditional Medicine, Physiology, Medical Imaging Technology, Pharmaceutics, Nanotechnology, Industrial Pharmacy, Pharmacognosy, Reproductive Health, Environmental Health Engineering, Nutrition and Food Sciences, Medical Education, etc.



•Specialty: Radiology, Cardiology, ENT (Ears, Nose and Throat), Neurology, Orthopedics, Psychiatry, Dermatology, Urology, General Surgery, Obstetrics and Gynecology, Infectious Diseases and Tropical Medicine, etc.

•Subspecialty: Pediatric Cardiology, Cardiovascular Surgery, Endocrinology and Metabolism, Hematology and Oncology, Neonatology and Perinatology, Nephrology, Plastic Surgery, Pediatric Gastroenterology, Child and Adolescent Psychiatry, Gastroenterology and Hematology, etc.

•Fellowship: Laparoscopy, Neuroanesthesia, Adult Congenital Heart Disease, Infertility, Pediatric Anesthesia, Endoscopic Gynecology, Pediatric Neurosurgery, Cardiac Anesthesia, etc.

Further to its globally accredited curricula, the center holds some short-term courses which are held internationally and inter-university and at the end, it gives the applicants an international certificate. The faculty has developed a curriculum designed to stimulate and support students in the acquisition of advanced knowledge and skills while instilling compassionate attitudes and values so that they may best serve their patients.

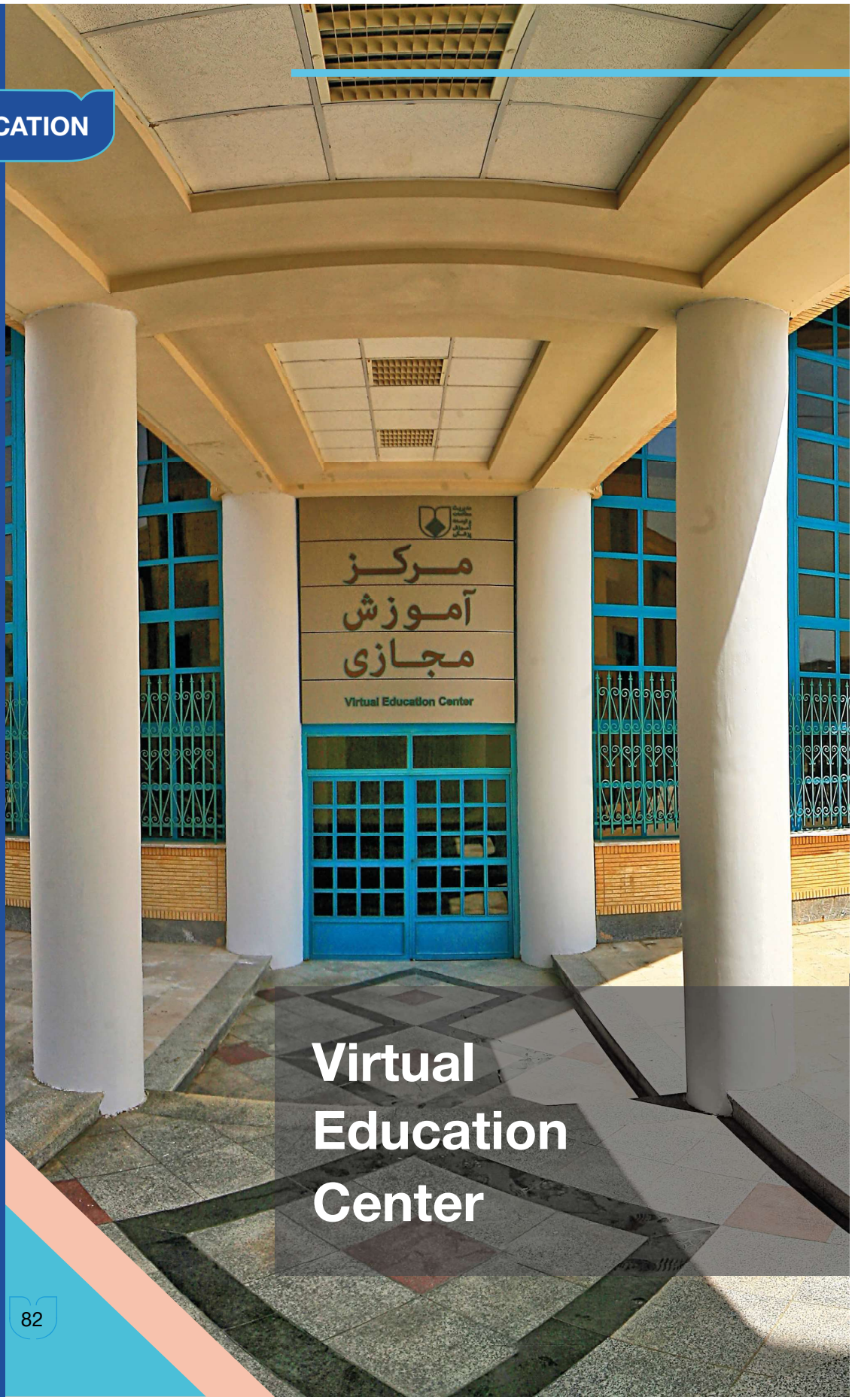
VIRTUAL EDUCATION

For the time being since all in-person, on-campus classes have been cancelled in reacting to the fast-evolving coronavirus pandemic, IEC has organized to hold the theory courses online until the current situation calms down again. Our aim during this difficult and confusing time is to support students with what we do best so they can feel confident that there will be no problem in this regard. International students can expand their access to this university through quality remote learning and continue their education. Online instruction has been offered via remote course delivery using Navid System, Academic Learning Management System, on which the relevant instructional files provided by the faculty members are uploaded. Further to the LMS provided by the University, the center has planned special educational programs for foreign students through social media in order to have better communication between students and the faculty members. In this condition, the students can benefit greatly from questioning the professors and use the curriculum and course plans in an easy way.

MEASURES:

In order to achieve its goals, the IEC takes some measures as shown below.

done	Ongoing	Upcoming
Development of International Training Regulations	Developing Short-term Courses	Publishing an English Technical Magazine
Holding the courses in English for International Students	Holding Virtual Courses for International Students	Getting International Accreditation
Activating Fellowship, Specialty and Sub-specialty Programs	Activating Postgraduate Courses, PhD by Portfolio, PhD by Distance, PhD by Research	Conducting International Short-term Courses Related to Skills and Education
Producing the Isfahan University of Medical Sciences Advertising Video Clips	Allocating Separated Dormitories for Boys and Girls	Developing Co-tutelle Periods
Systematizing the Urban Facilities	Having joint educational courses with Other Countries	Equipping our Library with more English Reference Books
Fully-Furnished Special Dormitories Dedicated to Foreign Students	Submit the Criteria for Acquiring QS Rankings	Improving Virtual Learning
Acquiring Impact Ranking in the Times World University Rankings	Preparing and Compiling the Educational Rules & Regulations Pamphlet	Holding ICDL–Related Courses for Staff to be more Fruitful
Developing Our English Website With a Cutting-edge Design	Holding English Courses to Boost the English Skills of Staff and Faculty Members	Publishing Our Own General and Technical English Books with the Affiliation of Isfahan University of Medical Scieuces
Making a Contract with Isfahan Central Post Office for Facilitating International Students Postal Deliveries	Planning to Achieve International Accreditation Criteria and Educational Programs	Holding MED Talk by Students or Professors over Educational, Scientific, & Health Issues
Publishing the International Brochure and Catalogue 19- 2018	Making Educational Agreements with Pakistan at the Postgraduate Level	Increasing the Number of Adjacent Faculty Members
Preparing and Publishing 2020 -21University Catalogue	Establishing Persian Language Learning Center	Conducting Visiting Tours for Foreigners to Make them Familiar with the University Campus
Making Students Familiar with our Rich Iranian Culture through Various Ceremonies such as Nowruz and Yalda	Organizing Various Seasonal Schools in order to Familiarize High School Students with the Educational Atmosphere of Isfahan University of Medical Sciences	Building International Alumni Network
	Accrediting MUI in Pakistan Educational System through HEC	



Virtual Education Center

E-learning began about a decade ago at Isfahan University of Medical Sciences. The first virtual education course of this university was the MEDLINE web-based educational course offered to medical freshmen in 2005. The university's E-learning center officially started to work in Medical Education Development Center at the university in 2010. The first virtual course was offered virtually in 2011 with the participation of 178 students. Then, "Virtual Education Center" was established in Isfahan University of Medical Sciences in 2017. The provision of all virtual education services at the university level and its affiliated units was entrusted to this center. Since its opening, the center has been offering electronic and blended courses to university students and lecturers with the aim of educational and research empowerment. From among the services the Virtual Education Center provides to this organization and its affiliates, we can refer to the following:

- Obtaining the accreditation status from a Virtual University
- Expanding the IT infrastructure in the organization in order to lay the groundwork for virtual education
- Training specialized intraorganizational manpower in order to implement and promote virtual education
- Setting up and supporting the university's e-learning system (LMS; Learning Management System)
- Developing an e-learning master plan
- Updating curricula to enhance their deliverability in cyberspace
- Launching and offering a variety of virtual education courses, such as Continuing Medical Education, family physician programs, and other university educational programs that culminated in the COVID-19 crisis
- Empowering lecturers and students and promoting their motivation in the domain of virtual education programs

RESEARCH

The **Vice Chancellery for Research and Technology of the University** is responsible for the promotion of research. This vice chancellery achieves this goal through a variety of policies including:

- Formulating research policies for the University
- Auditing the University's annual research output
- Establishing effective collaboration with other national and international research establishments and industries to exchange scientific services and identify learning opportunities for academic members such as sabbatical leaves
- Management of the official affairs related to research activities
- Organizing the universitys research programs within the framework of basic research goals and priorities
- Publication of books, journals and bulletins to disseminate the results of research activities and provide the means for communication between researchers
- Supervising research-related publications of affiliated institutions
- Management of University libraries and databanks
- Promotion of innovation and collaboration with industry
- Provision of infrastructure, facilities and equipment for and maintaining research centers

RESEARCH

In order to advance research at Isfahan University of Medical Sciences, Vice Chancellery for Research and Technology administers and maintains the following sections, which are described in this chapter, respectively:

Health Innovation Center; Health Sciences and Technology Park; three Research Institutes; forty two Research Centers; Students' Research Committee: Core Research Facilities Laboratory; Libraries and Medical Information Center; and Publications.

Health Innovation Center (HIC)

HIC supports innovative technological projects to improve patients' lives based on safe, high-quality, and low-cost solutions. This center provides the following services for members:

- Mentoring services, scientific, financial, business, and legal consulting
- Use of FabLab and laboratory facilities
- Possibility of establishment in a specialized and ideal workspace
- Raise funds to grow faster
- Ability to strengthen and complete the team and connect with new people

Health Sciences and Technology Park

Located at the university`s second campus, approximately 5km south of the main campus, the park provides space, facilities, infrastructure and support for knowledge-based firms active in the field of health and hosts several such companies involved in areas such as Innovation Technology, Biotechnology, Genetic Engineering, Nanotechnology, Medical Equipment and Devices, Herbal Medicine, Traditional Medicine, Pharmaceutics and IT.

Research Institutes

Three research institutes are affiliated to Isfahan University of Medical Sciences namely, Isfahan Cardiovascular Research Institute, Research Institute for Primordial Prevention of Non-communicable Disease, Research Institute for Dental Sciences.

Isfahan Cardiovascular Research Institute

Isfahan Cardiovascular Research Center (ICRC) being approved by the Ministry of Health and Medical Education (MOHME) in 1993, became a World Health Organization (WHO) collaborating center for research and training in cardiovascular diseases (CVD) control, prevention and rehabilitation of cardiac patients in the Eastern Mediterranean Region since 2003, and was promoted to the Cardiovascular Research Institute (CRI) in 2011 by the MOHME. The main fields of research in CRI are in public health, clinical and basic sciences.

The superior role of CRI is the prevention and control of cardiovascular diseases in the Middle East, such that documents and reports provided by this institute are cited by international communities. This institute focuses its efforts on the use of available technology to conduct community-based and biomedical research and to help with transferring the results to useful and practical outcomes. It also considers helping academic and research centers and other health service providers in implementing programs for the prevention, control, and treatment of cardiovascular diseases and their related risk factors.

RESEARCH

CRI research priorities are as follows: Prevention and control of CVDs and it's related risk factors; Institutionalizing and capacity building for interventions needed for prevention of non-communicable diseases specially CVD in primary health care system; Development of risk charts for CVD with co morbidities based on the results of cohort studies; Conducting studies on the modification of community lifestyle like nutritional behavior especially reduction of salt and fat intake; CVDs registries including Acute Coronary Syndrome (ACS), Stroke, Percutaneous Coronary Intervention (PCI), Congenital Heart Disease (CHD), Heart Failure (HF), Arterial Fibrillation (AF) registries; Monitoring and assessment of environmental risk factors associated with CVDs; Conducting studies on optimization of cardiac rehabilitation services and its institutionalization and integration in the health care system; Conducting studies on medical and herbal therapies relating to CVDs; Conducting genetic and cellular/molecular studies relating to CVDs; Psychological aspects of cardiologic care (Psycho-cardiology); Developing national guidelines of hypertension, dyslipidemia and acute coronary syndrome.

CRI consists of 7 Research Centers namely, Isfahan Cardiovascular Research Center; Cardiac Rehabilitation Research Center; Hypertension Research Center; Heart Failure Research Center; Applied Physiology Research Center; Interventional Cardiology Research Center; Pediatric Cardiovascular Research Center. For further information please visit https://icri.mui.ac.ir/en .

Research Institute for Primordial Prevention of Non-communicable Diseases

The Institute for Primordial Prevention of Non-Communicable Disease (PPNCD) was established in 2014 with the aim of being a leading center in discovering main factors underlying non-communicable diseases. This institute performs high quality researches in order to determine and control behaviors and underlying factors important in the establishment of NCDs from the first days of life.

This institute is consisted of three research centers: Child Growth and Development Research Center, Environment Research Center, and Pediatric Inherited Research Center. PPNCD conducts several multi-disciplinary research activities at national level, as well as many international collaborative studies along with international scientific networks, and world-renowned scientists, which make this institute an important scientific research center in the region.

PPNCD has more than 700 publications in peer-reviewed journals and more than 40 books and book chapters written in English. In addition, PPNCD has two affiliated international journals entitled International Journal of Preventive Medicine and International Journal of Environmental Health Engineering. For further information please visit: https://ppncd.mui.ac.ir/en

Research Institute for Dental Sciences

Dental Research Center of Isfahan University of Medical Sciences was first established in year 2000 and then later promoted to Dental Research Institute. This institute supports various types of research from the cellular level up to social problems of oral health.

This institute consists of three main research centers entitled "Torabinejad Dental Research Center", "Dental Materials Research Center" and "Dental Implants Research Center". There is also an animal research building, which provides all the necessary equipment for implementing animal research in all fields of dentistry. Moreover, the Clinical Research units, which are equipped with both choices of Sedation and General Anesthesia to facilitate the conduction of clinical studies. The Institute also houses a fully equipped and modern laboratory which can perform high-tech measurements in a variety of matrices, including a new Scanning Electron Microscope (SEM) that has been installed for the convenience of the scholars, recently. It is also to mention that Dental Research Journal (DRJ) which is indexed in PubMed and Scopus databases is the main tribune of this institute for reporting the scientific findings.

Research Centers:

Currently, there are 42 Ministry of Health approved Research Centers, some incorporated into the 3 earlier mentioned Research Institutes, within Isfahan University of Medical sciences. The mission is to concentrate on and conduct research activities complementary to activities conducted at the main schools, such as Schools of Medicine, Dentistry and Pharmacy and Pharmaceutial Sciences.

Research Centers

- Acquired Immunodeficiency Research Center
- Anesthesiology and Critical Care Research Center
- Applied Physiology Research Center
- Behavioral Sciences Research Center
- Bioinformatics Research Center
- Biosensor Research Center
- Cancer Prevention Research Center
- Cardiac Rehabilitation Research Center
- Cardiovascular Research Center
- Child Growth and Development Research Center
- Clinical Toxicology Research Center
- Craniofacial and Cleft Research Center
- Dental Implants Research Center
- Dental Materials Research Center
- Dental Research Center
- Endocrine and Metabolism Research Center
- Environment Research Center
- Eye Research Center
- Food Security Research Center
- Health Information Technology Research Center
- Health Management and Economics Research Center
- Heart Failure Research Center
- Hypertension Research Center
- Infectious Diseases and Tropical Medicine Research Center
- Interventional Cardiology Research Center
- Isfahan Gastroenterology and Hepatology Research Center
- Kidney Diseases Research Center
- Medical Education Research Center
- Medical Image and Signal Processing Research Center
- Metabolic Liver Diseases Research Center
- Musculoskeletal Research Center
- Neurosciences Research Center
- Nosocomial Infection Research Center
- Novel Drug Delivery Systems Research Center
- Nursing and Midwifery Care Research Center
- Pediatric Cardiovascular Research Center
- Pediatric Inherited Diseases Research Center
- Pharmaceutical Sciences Research Center
- Regenerative Medicine Research Center
- Skin Diseases and Leishmaniasis Research Center
- Social Determinants of Health Research Center
- Water and Electrolytes Research Center

RESEARCH

Isfahan Students' Research Committees

Isfahan Students' Research Committee (ISRC) has been established to support students' research activities. The ISRC is composed of 10 sub-committees one in each school within the university. The committee has a number of activities aimed at supporting students interested in research-related activities to learn and improve their research skills in a nourishing and vibrant environment. All activities are conducted in the form of students work relying on students' scientific and executive abilities and interest under the supervision and with guidance of university academics.

Core Research Facilities Laboratory

Scope

- Performing specialized laboratory tests
- Conducting technical training workshops
- Providing consultation in laboratory techniques, methods of analysis, and research projects
- Collaborating with universities and industries to conduct research projects

دانشگاه علوم پزشکی اصفهان
آزمایشگاه جامع تحقیقات

Laboratory Equipment

- Chemical Analysis Laboratory
- Gas Chromatography-Mass Spectrometry/ Mass Spectrometry (GC-MS/MS)
- Gas Chromatography- Flame Ionization Detector (GC-FID)
- Simultaneous Thermal Analysis (STA)
- CHNSO Analyzer
- High-Performance Thin Layer Chromatography (HPTLC)
- High-Performance Liquid Chromatography (HPLC)
- Medium-Pressure Liquid Chromatography (MPLC)
- Microscope Laboratory and Imaging
- Small Animal Imaging (SAI)
- Atomic Force Microscope (AFM)
- Scanning Tunneling Microscope (STM)
- Fluorescence Microscope
- Flowcytometry Laboratory
- Cell Culture Laboratory
- DNA and RNA Laboratory
- Sanger Sequencer
- Thermal cycler (PCR)
- Real-Time PCR
- Qubit®
- Electrophoresis
- Western Blotting
- Gel Documentation System
- Photolithography
- Plant Tissue Culture (Plant Biotechnology)
- Microbiology Laboratory
- Species Identification Laboratory
- Clean Room

Libraries and Medical Information Center

There are a number of well-equipped libraries within the university campus. These Libraries are committed to provide a wide range of services. The Moayedol-Atebah library and Medical Information Center offer a good collection in printed and digital formats in medicine and dentistry text and also across the broad spectrum of disciplines presented at Isfahan University of Medical Sciences. The library is equipped with advanced facilities and high-end technology, making it one of the largest libraries in the universities of Iran. Services offered include: librarian advice, information literacy, collection services, reference search, reading areas, etc.

Publications

The Vice Chancellery for Research is responsible for university's publications. This includes 11 peer reviewed scientific Journals in English and 7 peer reviewed scientific Journals in Farsi to cover a wide spectrum of subjects in Medicine, Medical Sciences, Dentistry, Pharmacy, Nursing and Midwifery, Health Sciences and Education and Management thereof.

Journals Published by IUMS Research Chancellery (in Farsi)

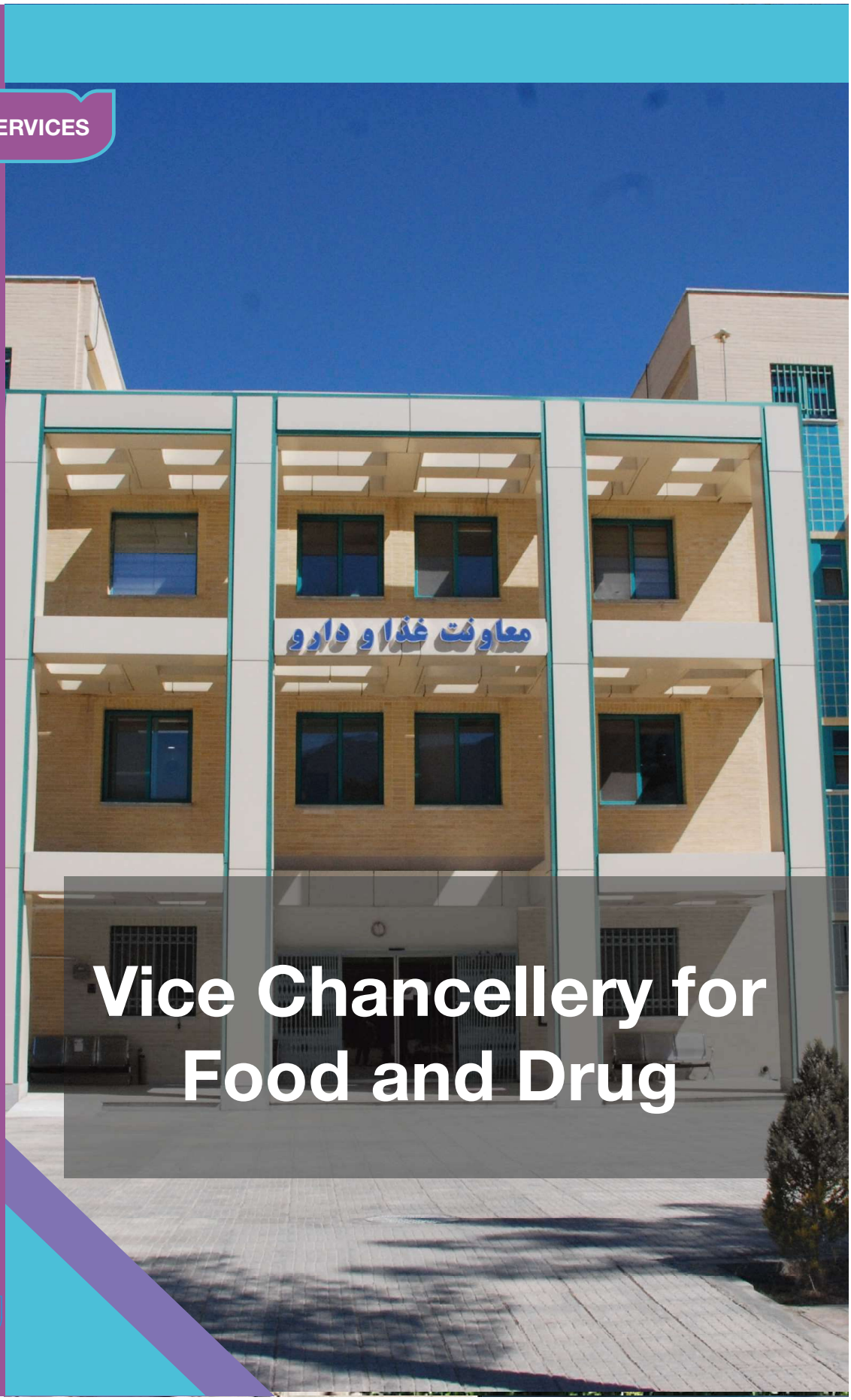
Front Cover	email	Indexing	Scope	ISSN	Title
	ijme.mui.ac.ir	Index Copernicus, ISC	آموزش پزشکی	9359-1608/ 1735-8892	مجله ایرانی آموزش در علوم پزشکی
	jims.mui.ac.ir	Scopus, CABI, CAS, Embase	علوم پزشکی- عمومی	1027-7595/ 1735-854X	مجله دانشکده پزشکی اصفهان
	him.mui.ac.ir	Index Copernicus, ISC	مدیریت، اطلاع رسانی، سیاستگذاری و اقتصاد در حوزه سلامت	1735-7853/ 1735-9813	مدیریت اطلاعات سلامت
	jids.mui.ac.ir	CAS, Index Copernicus, ISC	دندانپزشکی- عمومی	1735-255X/ 2008-6989	مجله دانشکده دندانپزشکی اصفهان
	hsr.mui.ac.ir	ISC	بهداشت محیط، بهداشت حرفه ای، آموزش بهداشت و ارتقاء سلامت، تغذیه و آمار و اپیدمیولوژی	1735-2363	تحقیقات نظام سلامت
	jrrs.mui.ac.ir	Index Copernicus, ISC	توانبخشی	1735-7519/ 2008-2606	مجله پژوهش در علوم توانبخشی
	rbs.mui.ac.ir	Index Copernicus, ISC	روانپزشکی و روانشناسی	1735-2029/ 2008-8248	تحقیقات علوم رفتاری

Journals Published by IUMS Research Chancellory (in English)

Front cover	email	Indexing	Scope	ISSN	Title
	arya.mui.ac.ir	WoS-ESCI, PubMed, Scopus, Embase, ISC	Cardiology Research & Practice and all Cardiovascular area	1735-3955/ 2251-6638	**ARYA Atherosclerosis**
	jrms.mui.ac.ir	WoS-SCI, PubMed, Scopus, CAS, Embase, ISC	Health, ethical and social issues in field of Clinical Medicine	1735-1995/ 1735-7136	**Journal of Research in Medical Sciences**
	ijnmr.mui.ac.ir	WoS-ESCI, PubMed, Scopus, ISC	Nursing & Midwifery	1735-9066/ 2228-5504	**Iranian Journal of Nursing and Midwifery Research**
	ijpm.mui.ac.ir	WoS-ESCI, PubMed, Scopus, Embase, ISC	Primordial, Primary, Secondary and Tertiary levels of prevention	2008-7802/ 2008-8213	**International Journal of Preventive Medicine**
	rps.mui.ac.ir	WoS-ESCI, PubMed, Scopus, Embase, ISC	Pharmaceutical Sciences	1735-5362/ 1735-9414	**Research in Pharmaceutical Sciences**
	drj.mui.ac.ir	PubMed, Scopus, CAS, ISC	Dentistry	1735-3327/ 2008-0255	**Dental Research Journal**
	jmss.mui.ac.ir	PubMed, Scopus, ISC	Bioelectric, Bioinformatics and Medical Informatics, Biophysics and Medical Physics, Health Technology Assessment	2228-7477	**Journal of Medical Signals and Sensors**
	www.advbiores.net	PubMed, Index Copernicus	Medicine & Biology, including Basic Science Research and Clinical Investigations	2277-9175	**Advanced Biomedical Research**
	www.ijehe.org	CAS, Scopus, Index Copernicus	Environmental Health, Occupational Health	2277-9183	**International Journal of Environmental Health Engineering**
	www.jehp.net	WoS-ESCI, PubMed, Scopus	Medical & Medical Sciences Education, Education Evaluation	2277-9531/ 2319-6440	**Journal of Education and Health Promotion**
	www.jrpp.net	WoS-ESCI, PubMed	Drug-Related Medical Researches	2319-9644/ 2279-042X	**Journal of Research in Pharmacy Practice**

HEALTH SERVICES

The health services are provided through three Vice chancelleries of this university, which are Vice Chancellery for Food aud Drug, Vice Chancellery for Health, and Vice Chancellery for Treatment Affairs. Hence this chapter Consists of three sections, each of which describing one of the above mentioned services.



Vice Chancellery for Food and Drug

The Vice Chancellery for Food and Drug of Isfahan University of Medical Sciences supervises, controls, and manages all the following stages: production, distribution, and consumption of food, drug, cosmetics and hygienic products and medical equipment throughout the province. These services are delivered by the Vice Chancellery for Food and Drug and through its five departments which is described in more details, as the following:

a) Management of the Supervision of Drug and Controlled Substance Affairs

-Gaining a 10% share of the total drug production in the country
-Obtaining the title of the third hub of drug production in the country
-Supervision of 25 companies producing chemical, natural, traditional, and complementary medicines, 60 pharmaceutical distribution companies, and 900 pharmacies
-Issuance of certificates for the export of natural, traditional, and complementary medicinal products

b) Management of the Supervision of Food, Beverage, Cosmetic and Hygienic Products

-Supervision of 820 companies producing food, beverage, cosmetic and hygienic products
-Issuance of health certificates for the export of food and beverage to neighboring countries, Asia, Europe, and North America
-Issuance of more than 7,000 health licenses for the production of food, beverage, cosmetic and hygienic products
-Monitoring on the labels of all food, beverage, cosmetic and hygienic products (nutritional color markers,etc)

c) Management of the Supervision and Assessment of Medical Devices

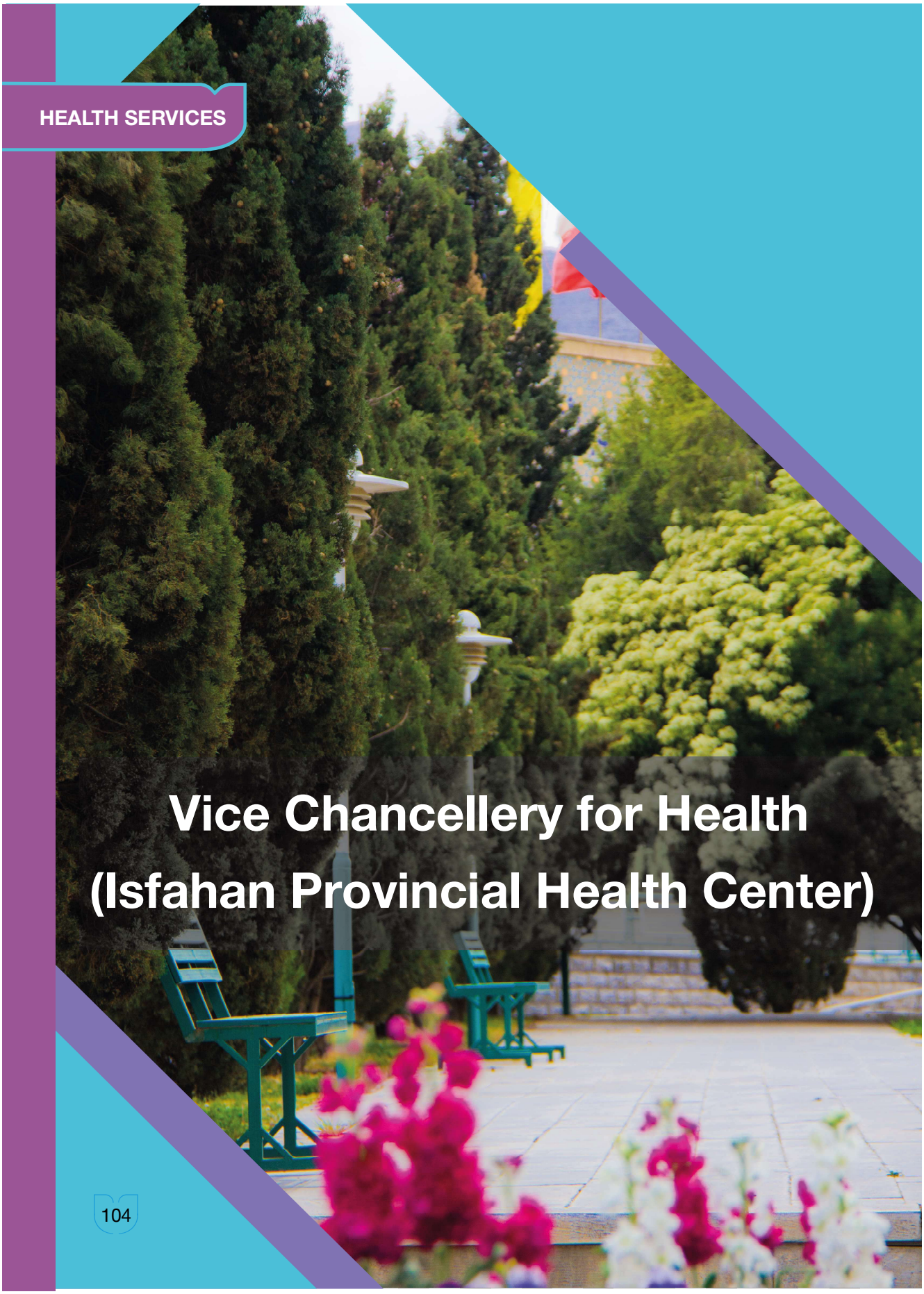
-Obtaining the title of the third hub of medical device production in the country
-Obtaining the title of the first hub of medical textiles production in the country
-Supervision of more than 100 producing companies and 260 distributing companies and stores and 21 importing companies of medical devices
-Supervisin of the performance of medical engineeres in hospitals of the isfahan province and supplying and distributing medical consumables to 60 hospitals and all medical centers affiliated to the university
-Supervising the production of more than 180 item of medical devices
-Issuance and renewal of health manufacturing licenses for the manufacture of medical devices
-Investigation and recording of Medical Device Reports (MDR)

d) Management of Food and Drug Control Laboratory

-Performing food chemistry tests including; instrumental analysis, microbiological, toxicological, molecular PCR and analysis on cosmetic and hygienic products
-Supervision and inspection of associate and manufacturing laboratories
-Control and monitoring of agricultural products in terms of residual pesticides, heavy metals and nitrates

e) Research and Development Department (Office of Supervision and Monitoring of Health-Centered Products)

-Supervision of the Prescribing and Rational Use of Drugs Committee over the process of prescribing drugs
-Exclusive implementation of the provincial plan for Rational Use of Drugs (RUD) in networks and hospitals affiliated to the university
-Investigation and recording of Adverse Drug Reactions (ADR) and Medication Errors (ME)
-Implementation of drug guidelines, drug integration, and compilation of hospital pharmacopeia
-Informing the public and the medical staff at the Drug and Poisoning Information Center (DPIC)



Vice Chancellery for Health (Isfahan Provincial Health Center)

Vice Chancellery for Health at Isfahan University of Medical Sciences provides health care services to more than 4.6 million people through its Primary Health Care (PHC) system consisting of comprehensive health care centers, health posts, and health houses falling under it, in 23 districts of the province. Out of the said population, just over four million live in urban areas and the rest in rural areas. The flagship programs, in which health services are provided to people, are as follows:

1. Health education and promotion programs

a) “National Self-Care” and “Each House a Health post” programs: Recruiting and training health volunteers as ambassadors of family (500,000 people till now); organizational self care, students, health ambassadors and health supportive schools , social selfcare

b) Conducting fundamental health needs assessment studies ; assessment of health of people

c) Implementing health promotion interventions and implementing advocacy for health

d) Management of health education media production

e) Implementation of educational and public information campaigns for health

2. Family and population programs

An age groups program is a comprehensive strategy for enhancing people's health and well-being throughout their lives:

a) Infant and child health program

Care services in this program start from infancy, continue until the end of age 5 (three to five days of age up to 60 months of age) and include the following routine care services, which are done in 15 stages. These services are as following:

-Assessment of growth status (the measurement of weight, height, and the weight-to-height ratio), promotion of breastfeeding, exclusive nutrition, complementary nutrition, and oral hygiene, immunization and vaccination, assessment of evolution, vision, hearing, and genetic assessments

-Screening for hypothyroidism, phenylketonuria, and evolution

-Integrated care for pediatric illness and assessment of the status of common diseases in children (diarrhea, dehydration, pneumonia, growth disorders, earache, and sore throat) performed by physicians and health workers

-Implementation of a high-risk neonatal care program (neonatal retinopathy, screening and providing care to high-risk neonates at home).

-Implementation of an infant and child mortality prevention care system program for infants and children aged one to 59 months.

-Evaluation of ten child-friendly hospitals

b) Maternal health program: The aim of the maternal health program is to reduce maternal mortality and complications caused by pregnancy and delivery and to reduce perinatal death in the fetus and infant, which includes educational, consultation, and care services from the pre-pregnancy period to the postpartum period.

c) Healthy fertility program: A healthy fertility program that begins with marriage and empowers women up to the age of 54

d) Middle-aged health program: Includes promotion of a healthy lifestyle, empowerment of middle-aged people, and adjustment of a proper supplement consumption plan.

e) Elderly health program (for people over 60 years of age): Includes the two programs: self-care training courses and the integrated care program for the elderly (including cardiovascular disease risk assessment, depression, fall prevention, nutrition, colorectal and breast cancer screening), as well as providing the necessary supplements.

3. Improving community nutrition

a) Improving nutrition in age groups (children, adolescents, youth, middle-aged, and elderly) and pregnant women through continuous nutritional care, monitoring and evaluation of activities, nutritional consultations, and nutrition education and culture making in this regard

b) Prevention and control of nutrition-related non-communicable diseases through community education, nutritional consultations, intra-sectoral coordination (cooperation in training and retraining programs for health care workers, cooperation in related education and information mobilizations), and inter-sectoral coordination (nutritional support for children and women with malnutrition in cooperation with protective organizations, nutrition programs in rural kindergartens, promotion of home gardens in rural communities, improving student teachers' nutrition at Farhangian University, training office employees and clergy students)

4. Prevention and control of communicable diseases

a) Preventing and controlling the epidemicity of communicable diseases such as Coronavirus disease, and prevention of endemic diseases such as Cutaneous Leishmaniasis

b) Providing free health care services to immigrants, HIV-positive people with regard to behavioral diseases, as well as people with high-risk sexual behaviors

c) Free screening of communicable diseases in target groups, as well as in Isfahan prisons

d) 100% vaccination of infants based on national program

e) Implementing the border health program in the health post located in Shahid Beheshti International Airport of Isfahan for all travelers going to and coming from abroad

5. Prevention and control of non-communicable diseases
Screening, prevention, and providing care of diabetes, hypertension, hypothyroidism, thalassemia, Down patients, inherited metabolic diseases of infants, colorectal, breast, and cervical cancers, neonatal hypothyroidism, evaluation of the 10-years risk of fatal and non-fatal myocardial infarctions and strokes in people over 30 years of active participation in national campaign of hypertention screening

6. Oral health
Providing oral primary and secondary prevention, educational, and therapeutic services to members of the community

7. Occupational health
Planning and implementation of supervision and inspection of industries and services and service workshops; identification, evaluation, and control of harmful factors in the workplace; measurement and analysis of harmful factors in the workplace; providing occupational health services to farmers, construction workshops, hospitals, prisoners and carpet weavers; review of reports assessing harmful factors in the workplace and adapting them to international standards; monitoring the plan to remove asbestos and mercury from the workplace; review, adaptation, and recognition of hard and harmful jobs in workshops, companies, and factories of Isfahan Province's industries; and planning and supervising the formation and activities of the Committee for Technical Protection and Occupational Health

8. Environmental health
Planning and implementation of supervision, inspection and follow-up of environmental health issues, including air hygiene, drinking water, swimming pool water, ice factories, proper wastewater disposal, tobacco control in public places, hygiene of food preparation and distribution centers, safe environment of centers with ionizing radiation, hygiene of public places, schools, and hospitals, and waste materials management

9. Health of adolescents and youth

Physical, psychological and social empowerment of schoolchildren and identification and correction of musculoskeletal disorders in health supportive school programs

10. Mental health

Diagnosis and care of common psychiatric and psychological disorders, suicide prevention, providing psychological and social support in unexpected incidents and disasters, educating and empowering the community in the field of life skills and parenting, reducing the harm of substance abuse

11. Laboratory

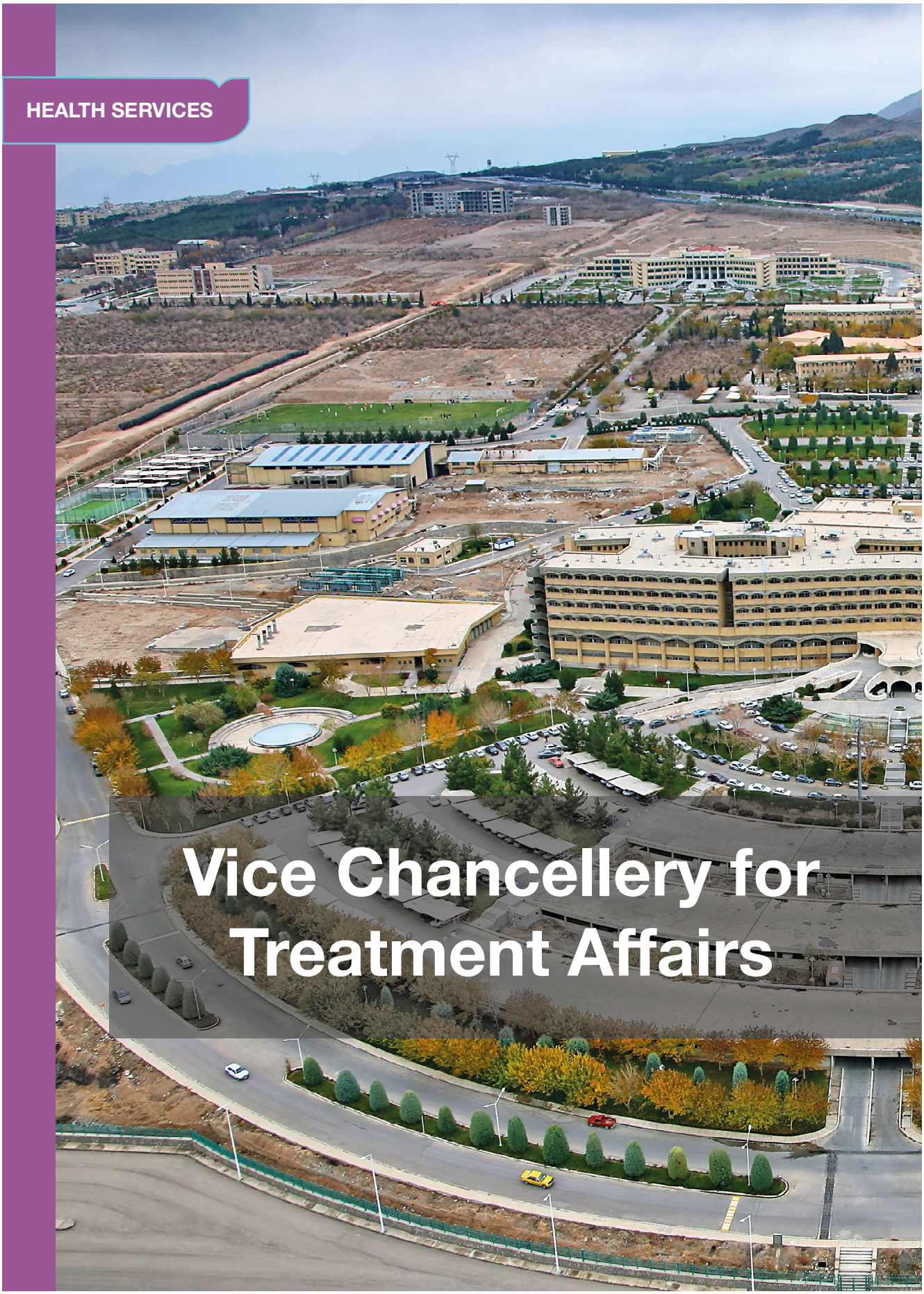
a) Laboratory diagnosis of diseases such as AIDS, Malaria, Lyme Borreliosis, Cutaneous Leishmaniasis, and water and foodborne diseases (caused by El Tor, Shigella, Salmonella, etc.), and molecular diagnosis of Influenza and COVID-19

b) Culture and antibiogram of Mycobacterium (Tuberculosis and Leprosy)

c) Supervising the province's health laboratories as well as narcotics laboratories and occupational health laboratories (occupational medicine)

d) Cooperation with research institutes to diagnose emerging diseases

HEALTH SERVICES



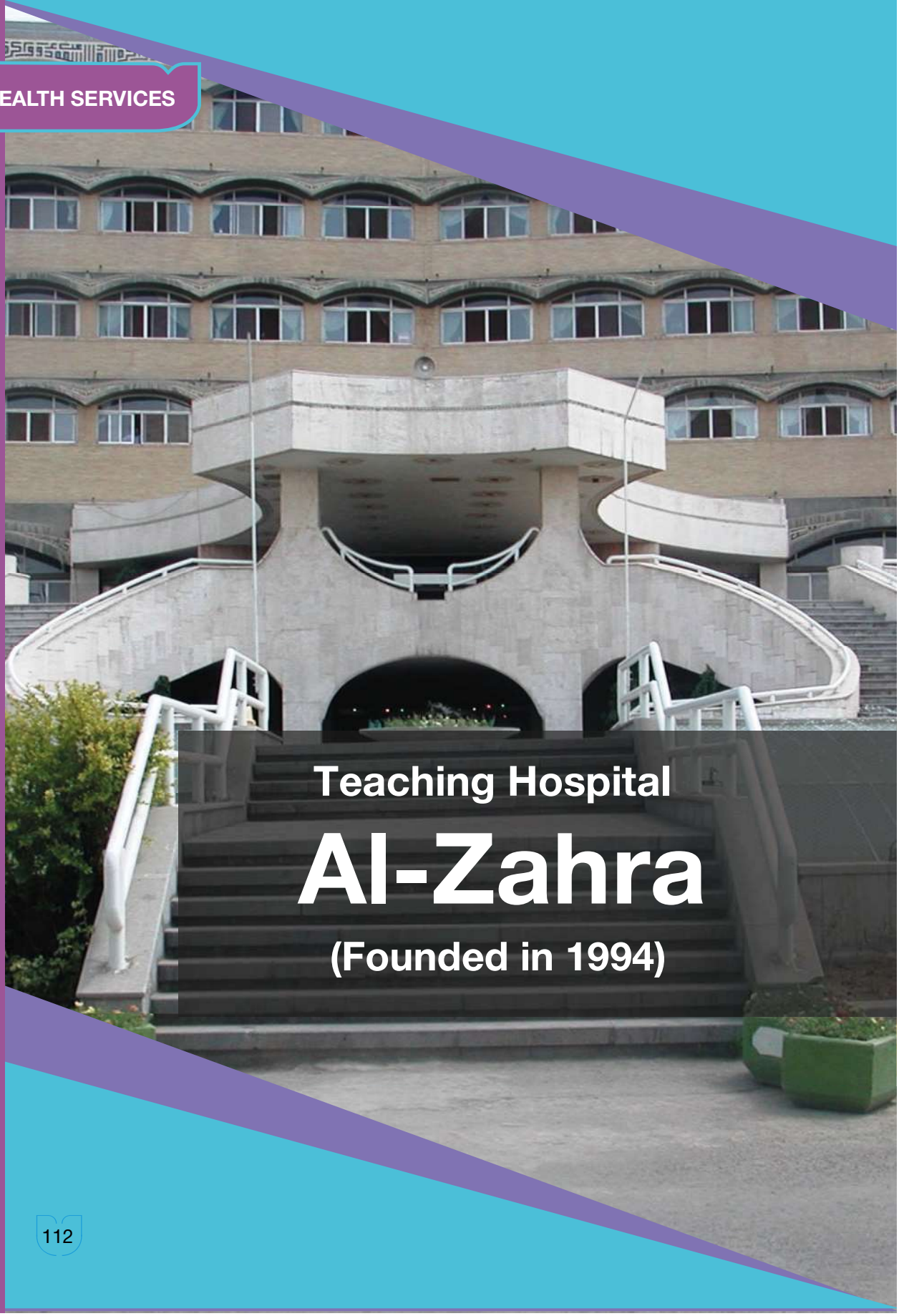
Vice Chancellery for Treatment Affairs

Vice Chancellery for Treatment Affairs

The Vice Chancellery for Treatment Affairs of the University is in charge of the clinical affairs of Isfahan province. This vice chancellery achieves this objectives through a variety of tasks, which are stated below:

- Accreditation and supervision of clinical services offered by more than 50 hospitals and outpatients in the province
- Accreditation of clinical services offered by medical professionals through assessment and granting license
- Provision of pre-hospital emergency services
- Carrying out the principles of emergency and disaster preparedness and management via emergency operations center (EOC)
- Participating in recruitment of medical professionals
- Needs assessment for resource allocation and participation in providing clinical services
- Provision of education and advisory services for quality improvement in clinical settings
- Facilitating the accredition of Heaith Toursism Agencies
- Coordinating and supervising applied clinical research

The ten teaching hospitals of Isfahan University of Medical Sciences, which are monitored by the Vice Chancellery for Treatment Affairs, are described in details in this section.



Teaching Hospital

Al-Zahra

(Founded in 1994)

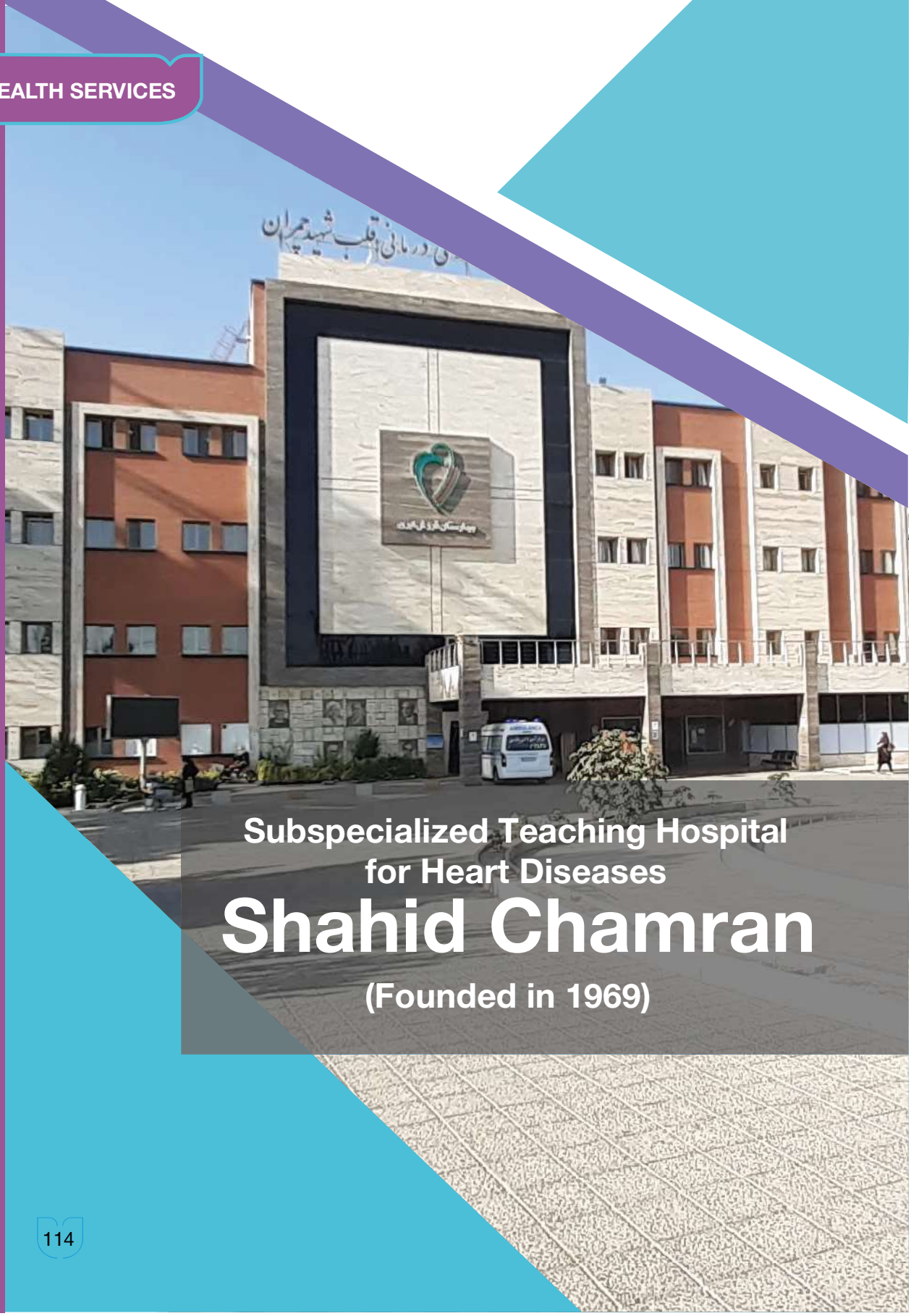
Al Zahra

This hospital, with about 800 active beds, is the largest subspecialized hospital in the province of Isfahan.
It has the following wards:
Surgery: Obstetrics and Gynecology - General - Laparoscopy - Infants - Plastic - Thorax - Arteries - Neurology
Internal: Pediatric - Neurology - Infectious Diseases - Poisoning
Subspecialized: Rheumatology - Liver & Gastrointestinal Tract - Endocrinology - Nephrology - Hematology - Maxillofacial - Lung
120 special beds (ICU, NICU) - 24 operating room beds
This hospital also has the following diagnostic and treatment facilities and equipment:
Dialysis - Ultrasonography - Bone Density Measurement - Endoscopy - Radiology - Echocardiography - CT scan - MRI
The hospital offers the following subspecialized services:

- The only hospital in Isfahan Province for cochlear implants
- Liver transplantation
- Harvest of organs
- The only hospital in the province for stereotaxic surgery
- Obesity and gastric bypass surgeries
- Endoscopic discectomy
- Neuronavigation in order to drain the tumor and cyst and locating the tumor through software
- Vascular angiography during surgery
- Open-heart surgery and Percutaneous Coronary Intervention (PCI)
- Box osteotomy to correct cranial hypertelorism
- Craniosynostosis surgery using endoscopy

The following paraclinical services are offered here:

- MRI of children with thalassemia
- EOS (full-body scan)
- Prenatal Diagnosis (PND) of genetic abnormalities



Subspecialized Teaching Hospital for Heart Diseases

Shahid Chamran

(Founded in 1969)

This hospital, with 191 active beds, is the only subspecialized center for heart diseases in the province of Isfahan.
It has the following wards:

- Open-heart ICU - PICU - CCU
- Heart surgery
- Angiography

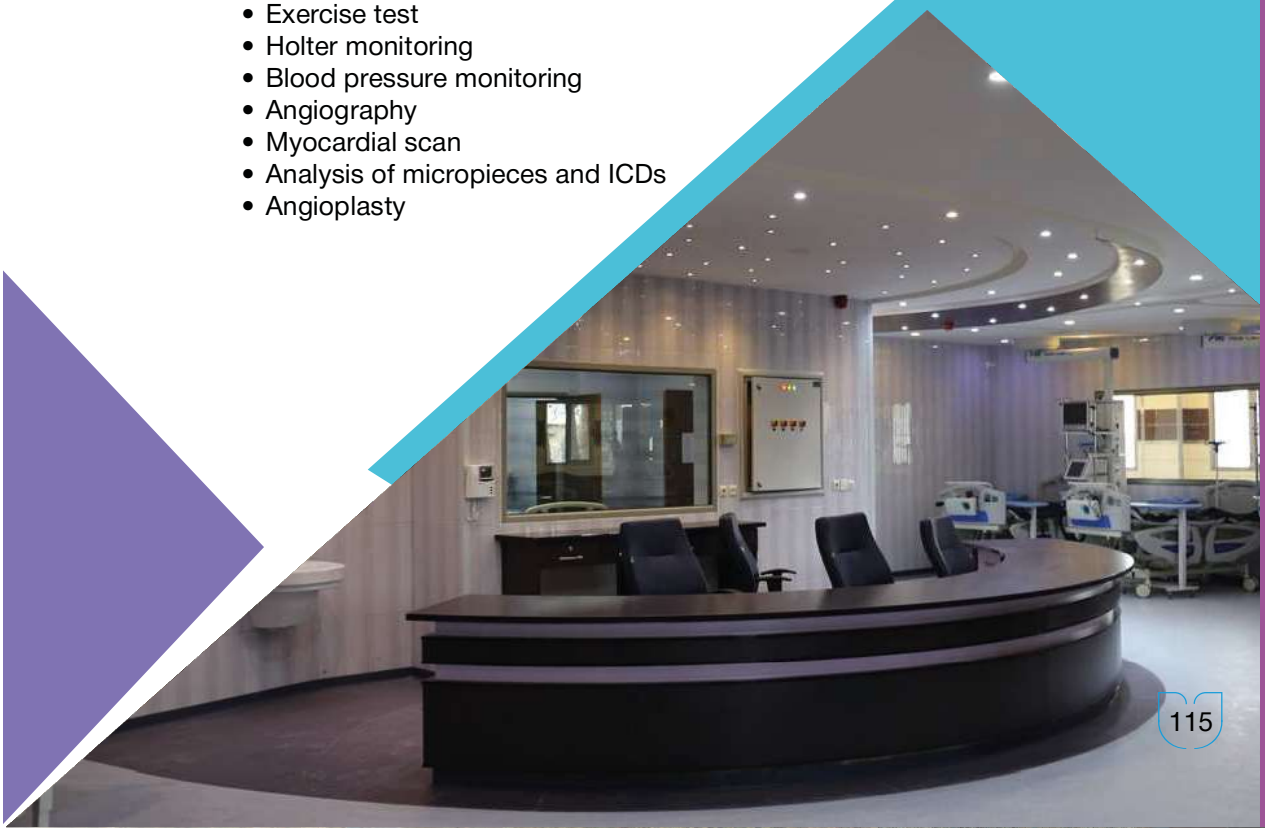
This center also has the following diagnostic and treatment facilities and equipment:
Angiography - Echocardiography - Heart pump - Radiology - Cell catheter

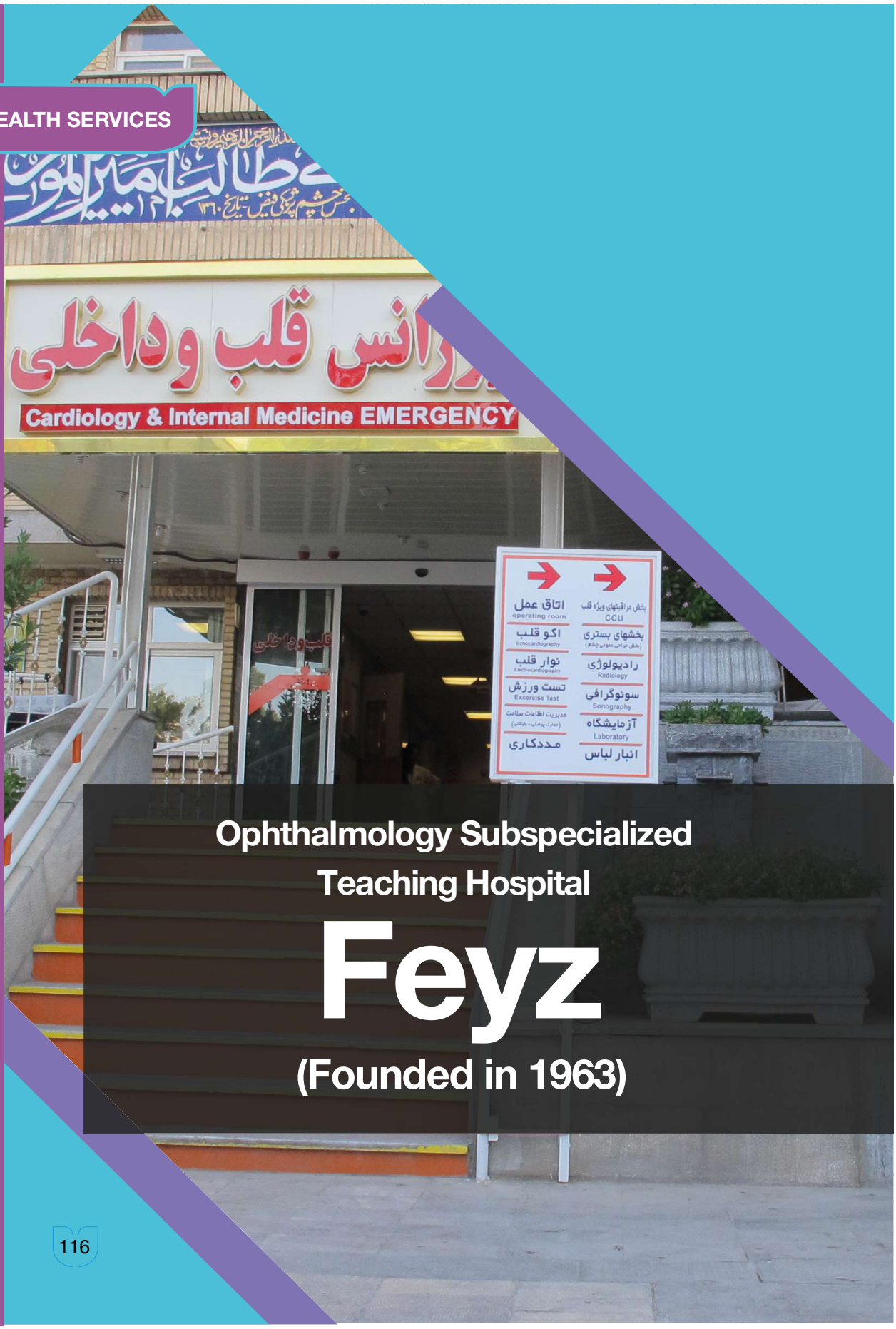
The center offers the following subspecialized services:

- Heart transplantation
- Replacement or repair of heart valves
- Aortic dissection repair
- Coronary artery bypass grafting
- Removal of heart tumors
- Cardiac cavity wall repair (PDA, VSD, ASD)
- Installation of IABP
- Repair of various congenital heart defects in infants such as tetralogy, TGA, common arterial trunk (CAT), univentricular hearts, etc.
- Use of novel closed surgical methods such as thoracoscopy
- Different types of embolectomy
- Repair of heart aneurysms
- Harvest of organs (liver, kidney, intestine)

With regard to paraclinical and diagnostic measures:

- Exercise test
- Holter monitoring
- Blood pressure monitoring
- Angiography
- Myocardial scan
- Analysis of micropieces and ICDs
- Angioplasty





Ophthalmology Subspecialized Teaching Hospital

Feyz

(Founded in 1963)

Feyz

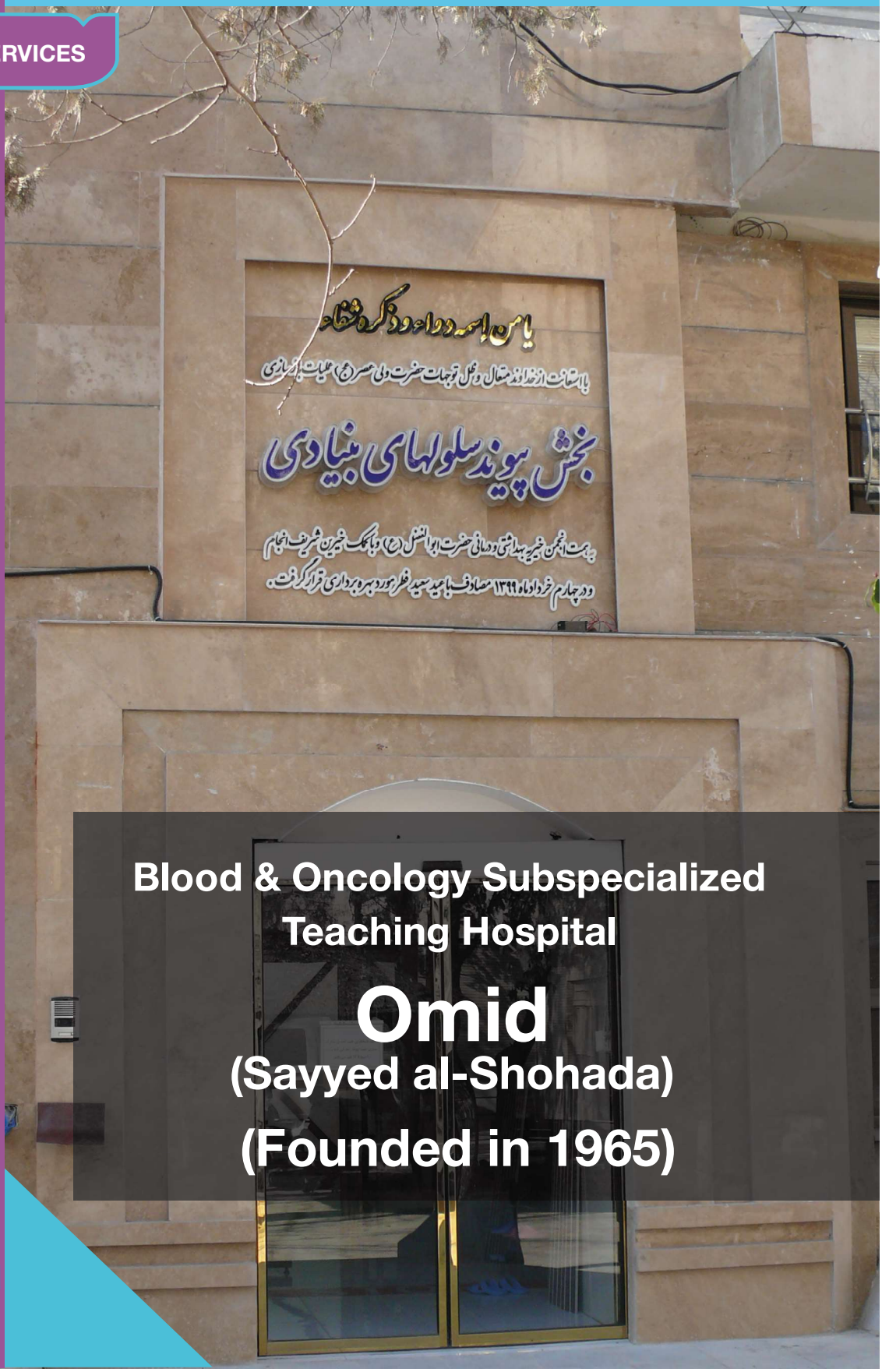
This hospital, with 111 active beds, is the only ophthalmology subspecialized hospital in the province of Isfahan.

It has the following wards: Ophthalmology - CCU

This hospital has the following diagnostic and treatment facilities and equipment: Excimer laser - Eye Ultrasonography - Radiology - Echocardiography

The following subspecialized services are offered here:

- Corneal transplantation
- The following surgeries: Cataract - Glaucoma - Strabismus - Eye drainage - Retinal detachment - Vitreous drainage - DCR - Conjunctivitis
- Fluorescein angiography
- Pterygium and chalazion
- Chemical burns
- Avastin injection
- Corneal ulcer
- Different types of LASIK outpatient surgeries



Blood & Oncology Subspecialized Teaching Hospital

Omid

(Sayyed al-Shohada)

(Founded in 1965)

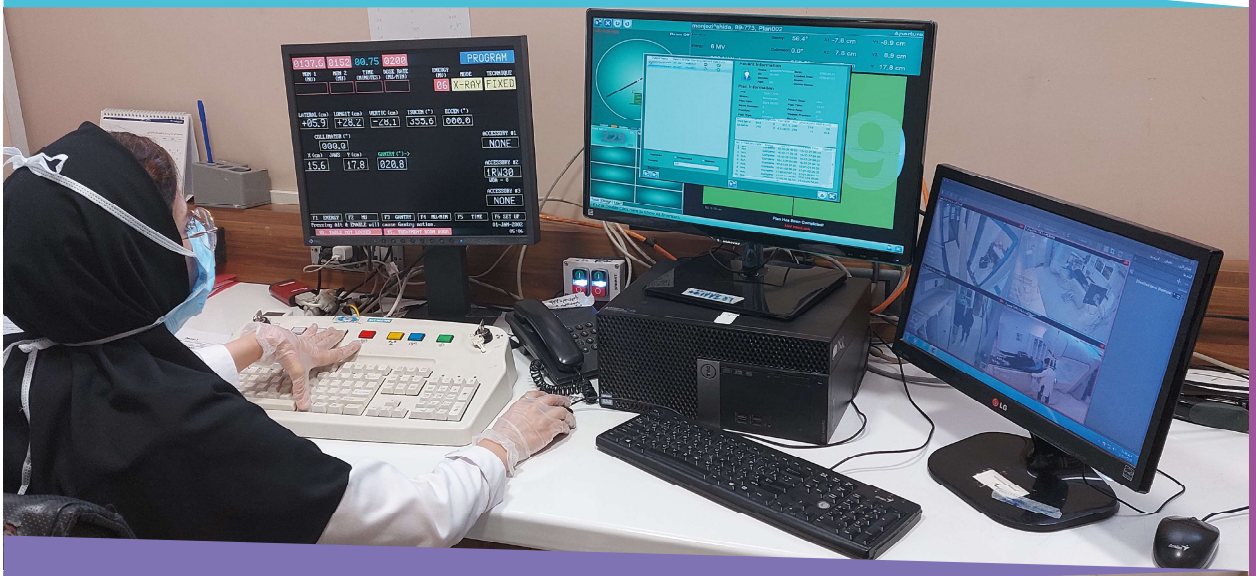
Omid

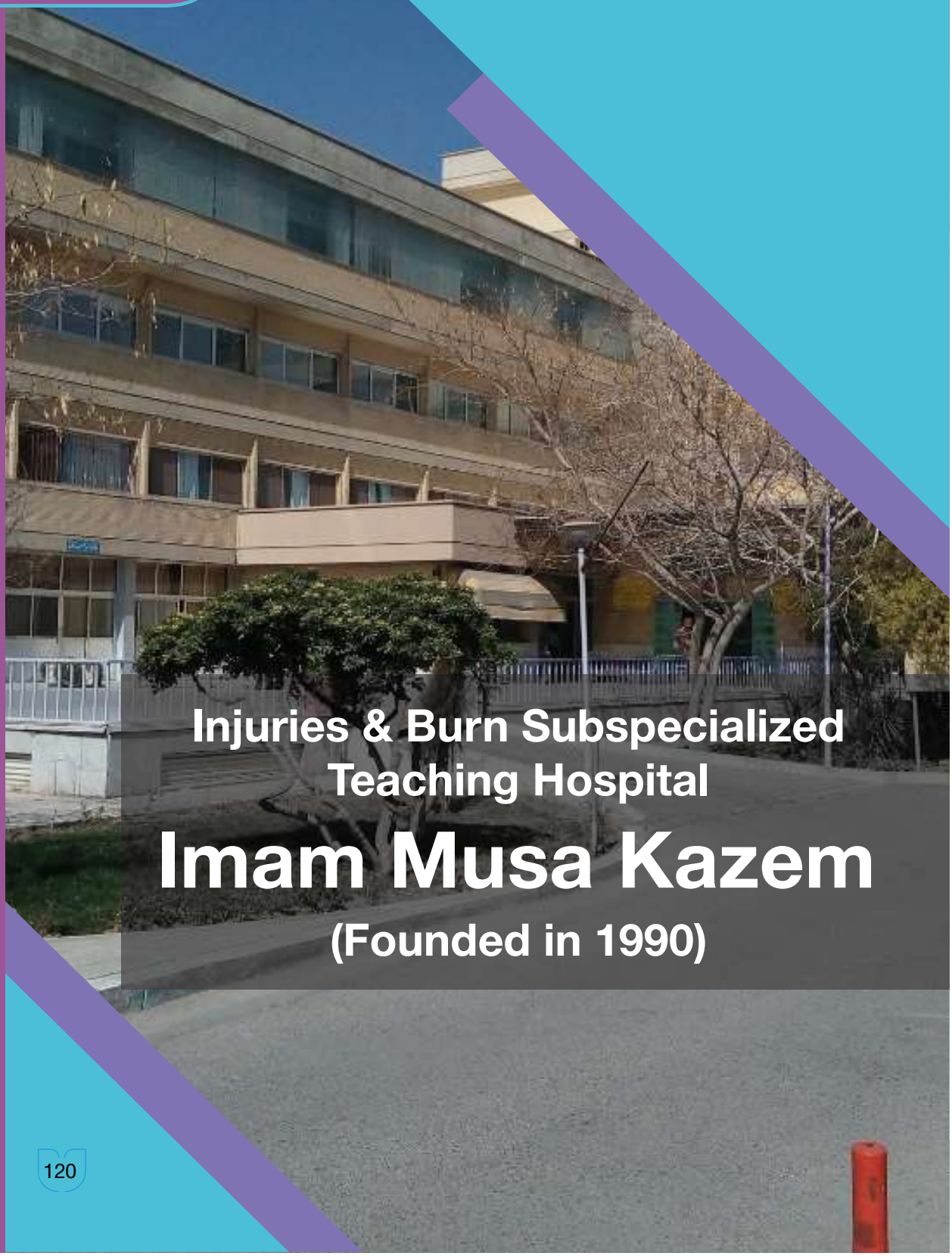
This hospital, with 162 active beds, is the only blood and oncology subspecialized hospital in the province of Isfahan

It has the following wards and offers the following subspecialized services:

- Hematopoietic stem-cell transplantation (HSCT)
- Department of Nuclear Medicine (Gamma Scan)
- Thalassemia and Hemophilia Center - Chemotherapy and Radiotherapy
- Palliative Medicine Clinic
- The only specialized center for pediatric cancer

This center also has the following diagnostic and treatment facilities and equipment:
Mammography - Ultrasonography - Radiology - Gamma camera - Linear accelerator

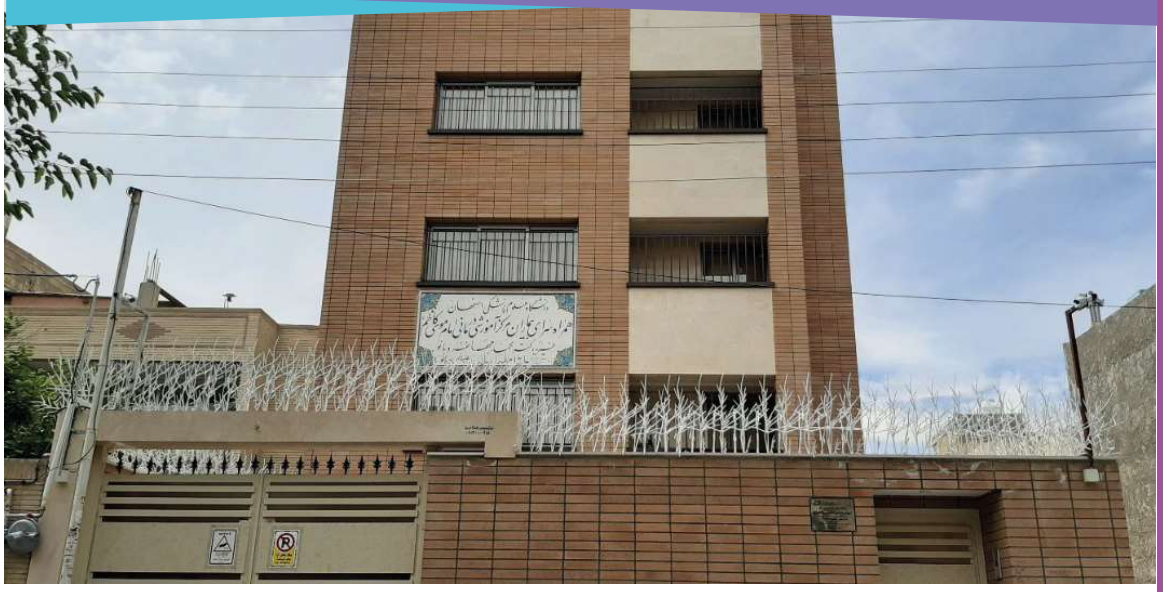




Injuries & Burn Subspecialized Teaching Hospital

Imam Musa Kazem

(Founded in 1990)



This hospital, with 100 active beds, is the only injuries and burn subspecialized hospital in the province of Isfahan.

It has the following wards:

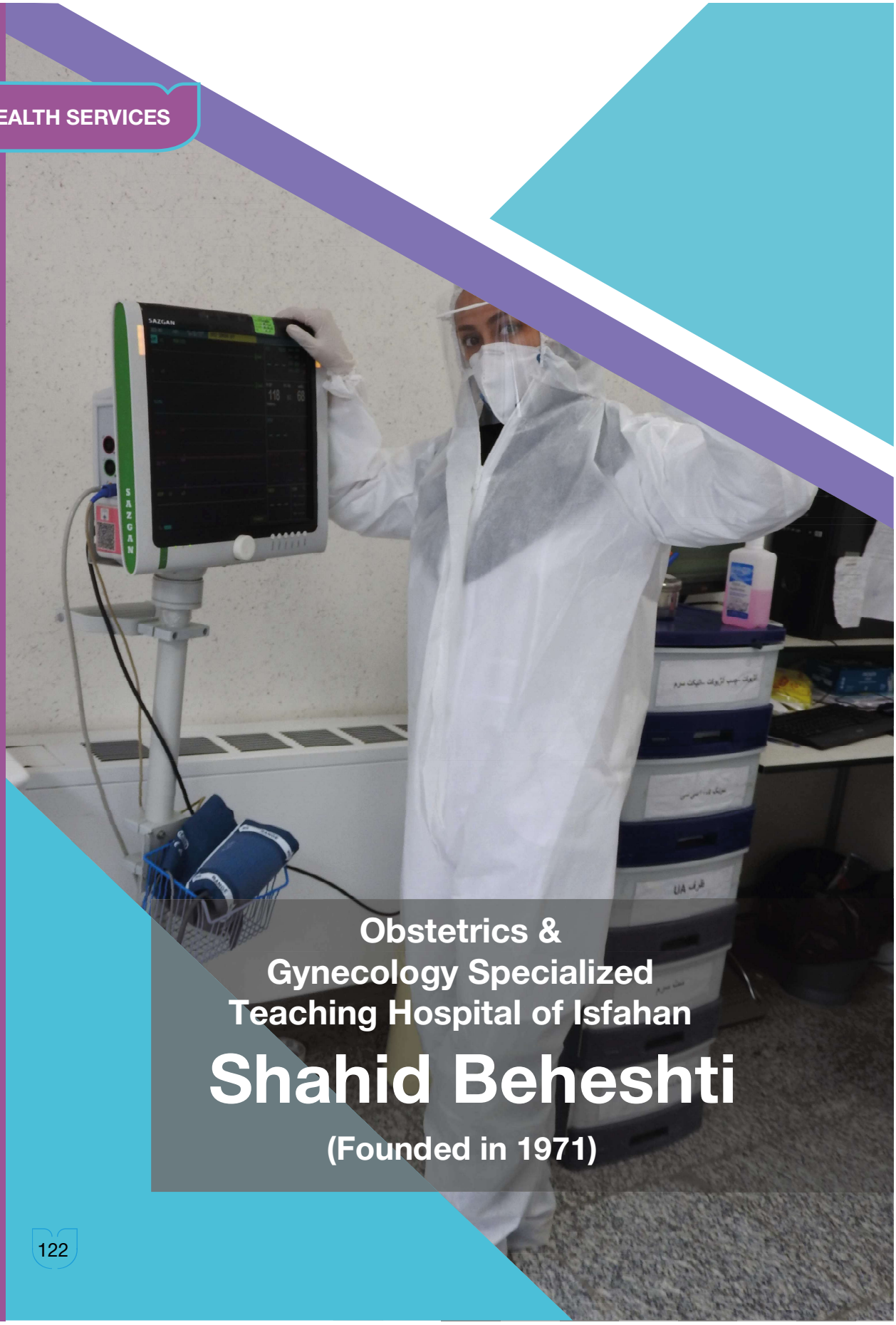
Burns - Reconstructive surgery - Burn ICU

The center offers the following subspecialized services:

- Different types of plastic surgery
- Burn reconstructive surgery (transplantation and graft)
- Treatment of burns using new methods for vacuum therapy, and flap

It also has the following diagnostic and treatment facilities and equipment:

Ultrasonography - Radiology - Echocardiography



Obstetrics & Gynecology Specialized Teaching Hospital of Isfahan

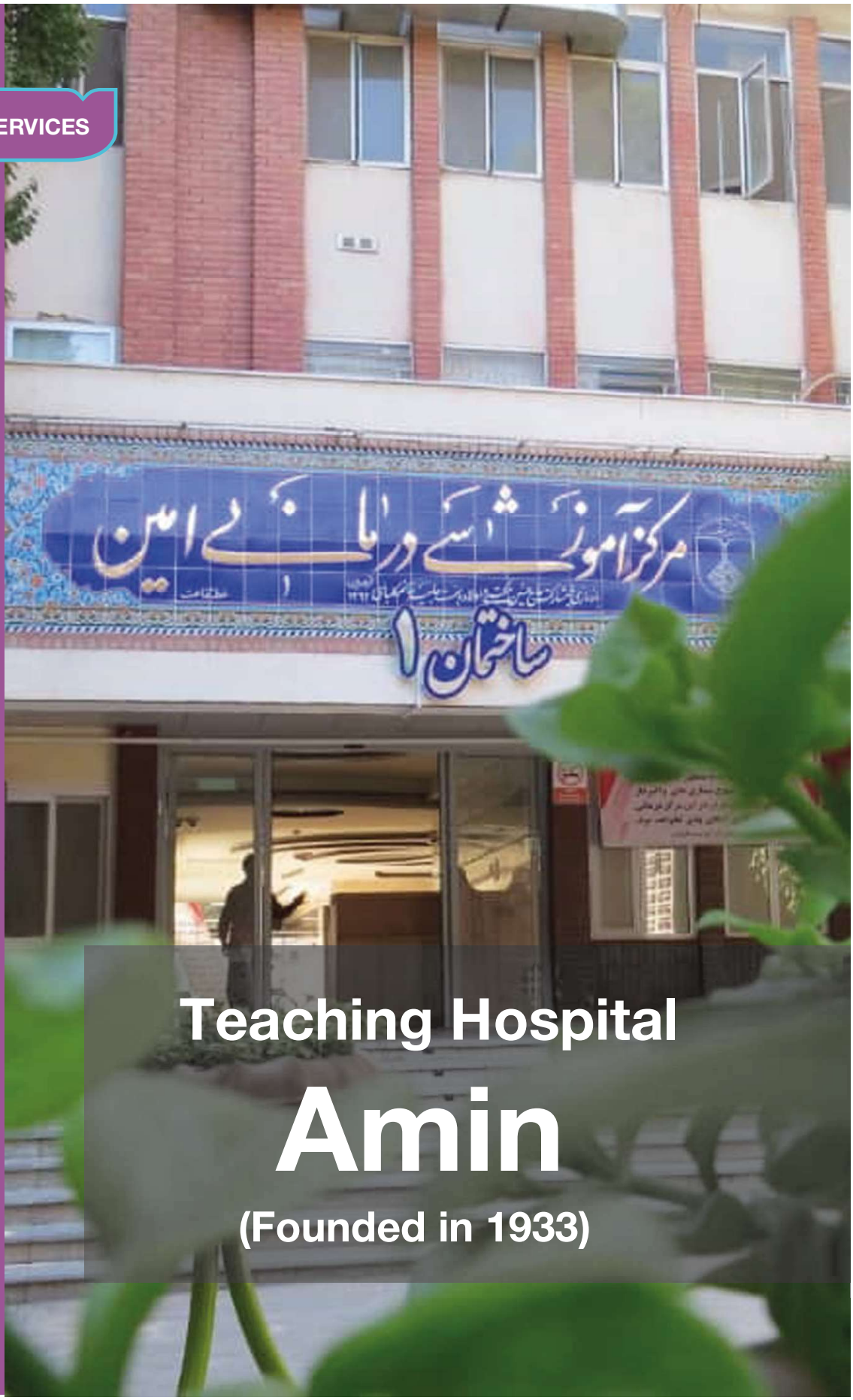
Shahid Beheshti

(Founded in 1971)

Shahid Beheshti

This hospital, with 124 active beds, is the only obstetrics and gynecology specialized hospital in the province of Isfahan.
It has the following wards:
Obstetrics & Gynecology Surgery - Neonates - Labor - Postpartum - ICU - NICU
This center has the following diagnostic and treatment facilities and equipment:
Ultrasonography - Mammography - Radiology - Cell catheter - Microinjection
And it offers the following subspecialized services:

- Infertility operating room
- Prenatal care for high-risk mothers
- Sterility clinic (women - men)

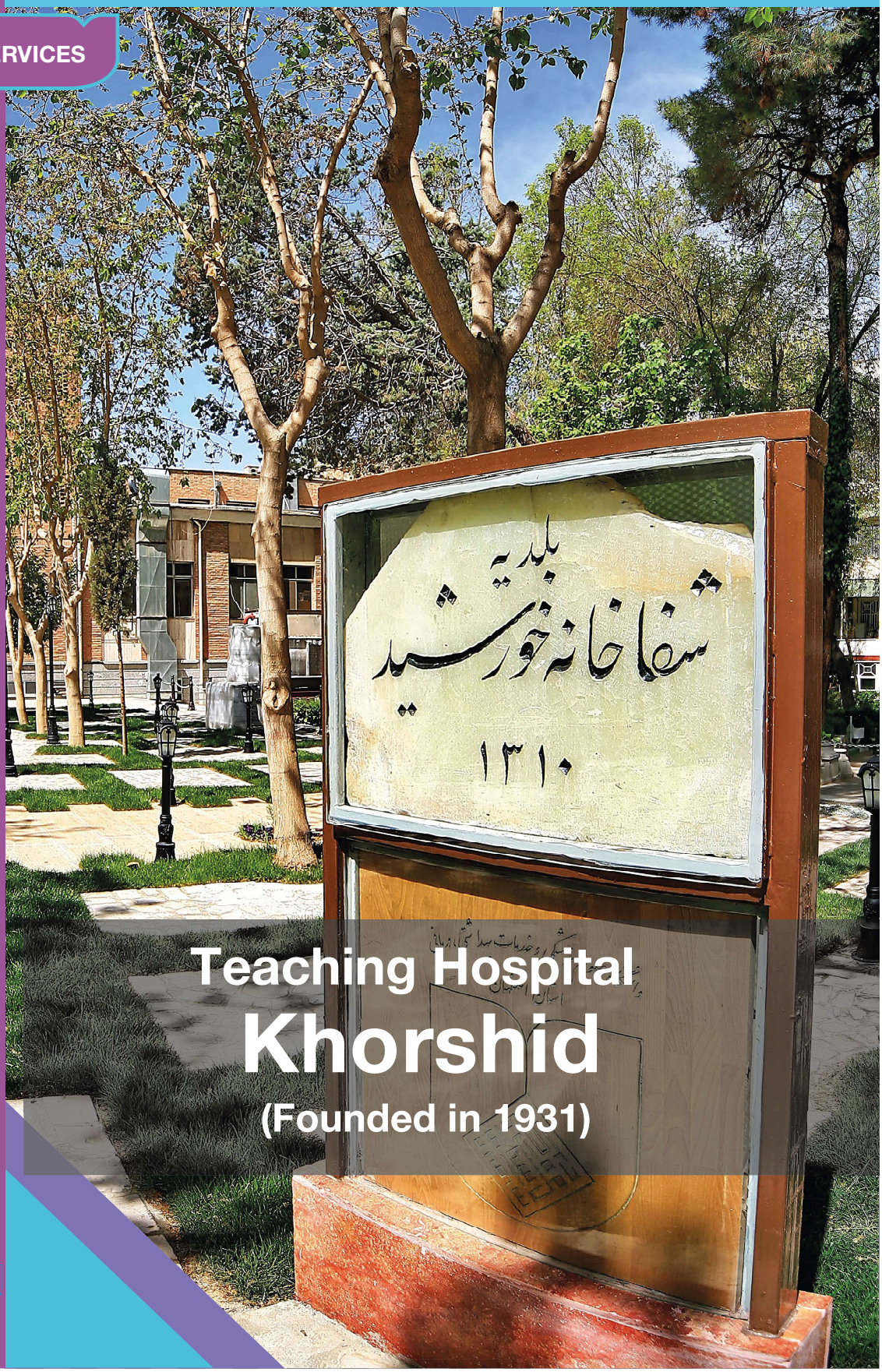


Teaching Hospital
Amin
(Founded in 1933)

Amin

This hospital, with about 190 active beds, is the largest referral hospital in the northern part of Isfahan City.
It has the following wards:
Internal (neurology - pediatrics - otolaryngology - infectious diseases - urology - orthopedics)
Surgery (neurology - obstetrics and gynecology)
ICU- NICU - CCU
This hospital has the following diagnostic and treatment facilities and equipment:
Ultrasonography - Radiology - Endoscopy - CT scan - Radiology - Intracorporeal lithotripsy - Mammography
The following subspecialized services are offered in this hospital:

- Labor ward and water birth
- Different types of cosmetic, obesity, and gastric bypass surgeries
- The only care center for phenylketonuria patients in the province of Isfahan



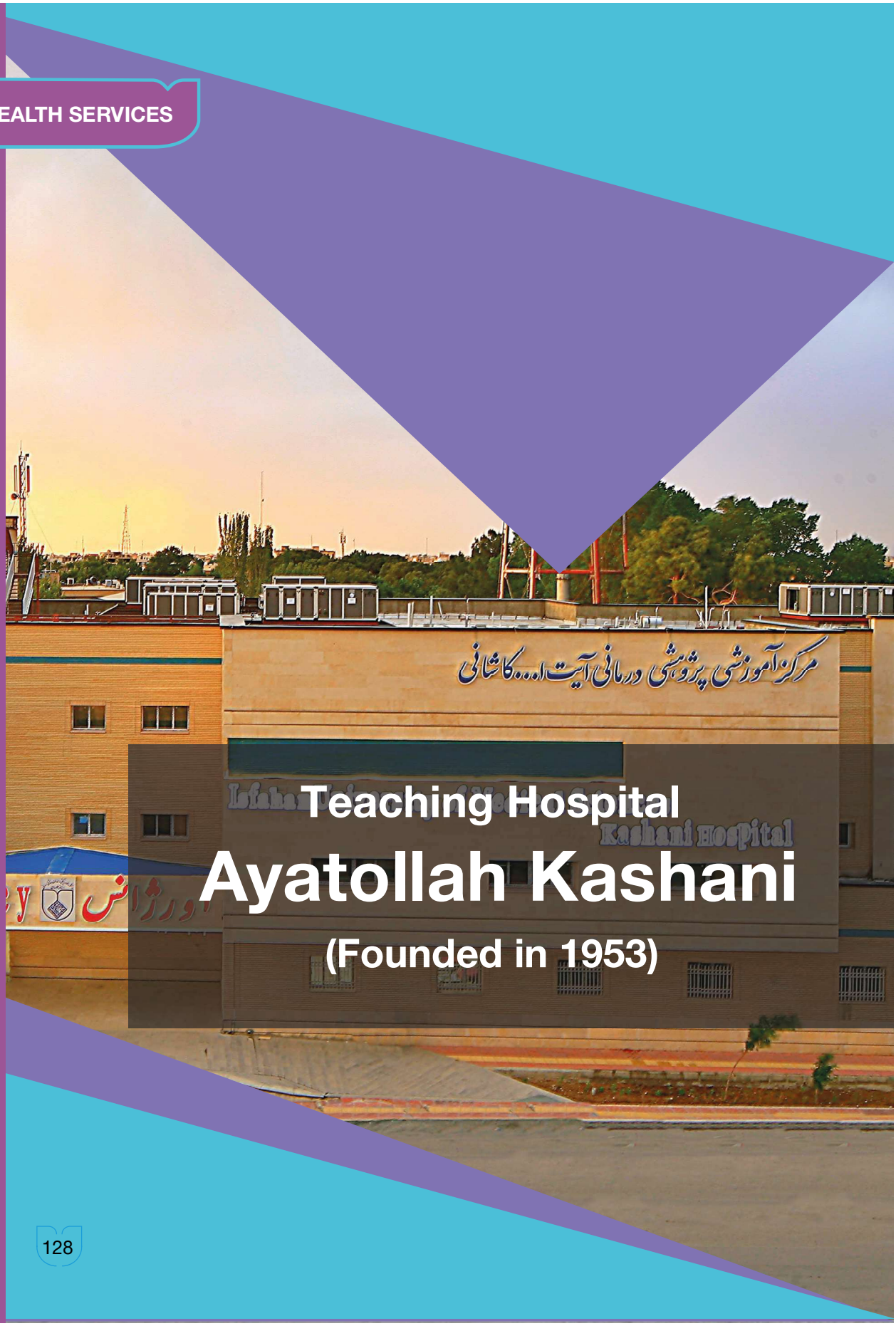
Teaching Hospital
Khorshid
(Founded in 1931)

Khorshid

This hospital, with about 245 active beds, is located in Isfahan City.
It has the following wards:

- ICU - CCU
- Psychiatry
- The following subspecialized departments: urology, nephrology and kidney transplantation - lung - rheumatology - endocrinology - gastrointestinal
- Poisoning ward

This hospital also has the following diagnostic and treatment facilities and equipment:
Ultrasonography - Angiography - Endoscopy - CT scan - Radiology - Echocardiography - Dialysis - Electroconvulsive therapy (ECT) for patients with mental disorders
The hosital offers the following subspecialized services:
Angiography - Specialized bronchoscopy - Kidney transplantation - All specialized urologic and gastrointestinal surgeries



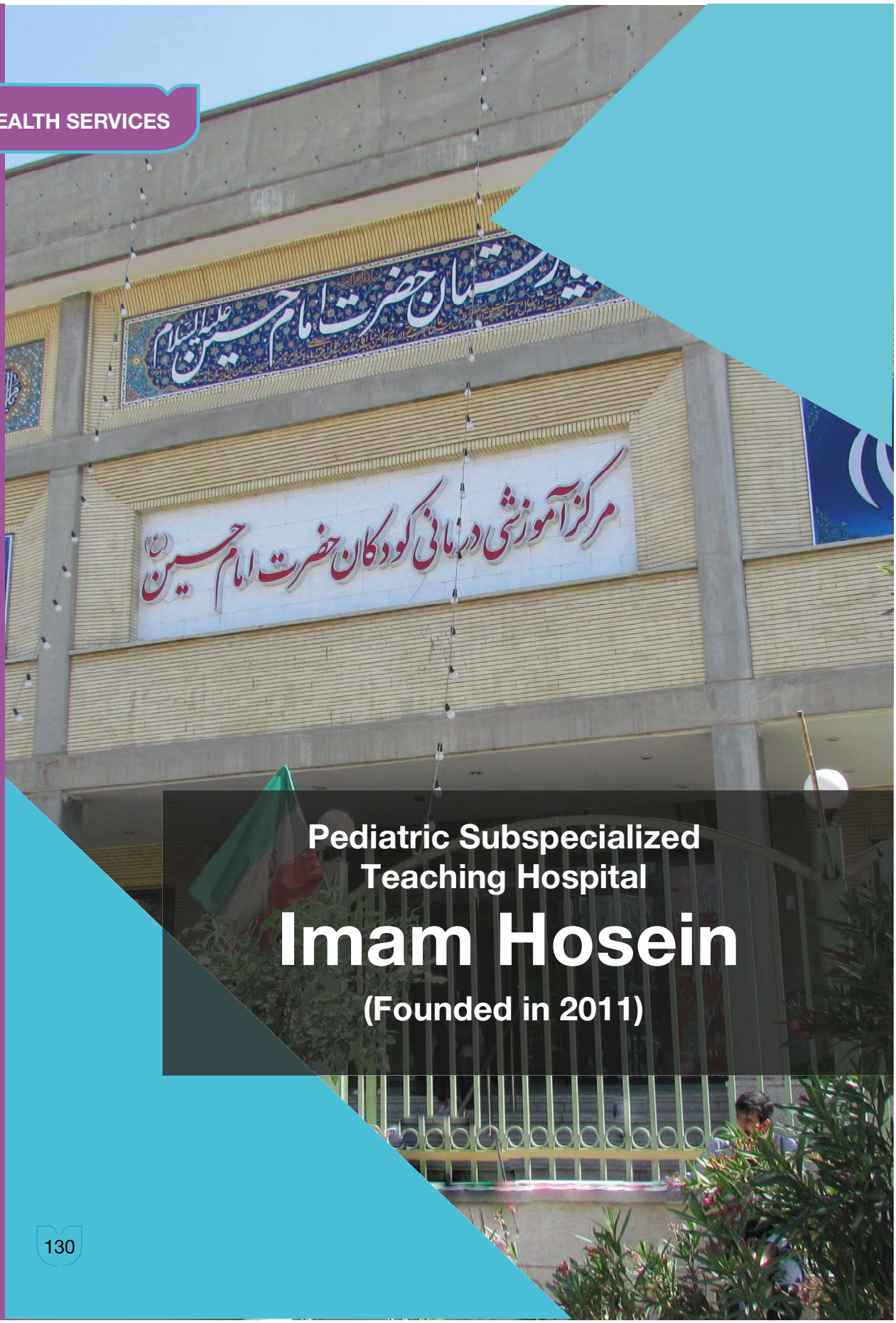
Teaching Hospital
Ayatollah Kashani
(Founded in 1953)

Ayatollah Kashani

This hospital works with about 200 active beds.
It has the following wards:

- Orthopedics - Internal - Neurology
- Subspecialized knee, spine, hand, and maxillofacial surgery and neurosurgery

This hospital also has the following diagnostic and treatment facilities and equipment:
Ultrasonography - Endoscopy - CT scan - Radiology - MRI - Autoanalyzer - Echocardiography
The hospital offers the following subspecialized services:
Hip and knee joint replacement surgery - Pediatric orthopedics - Hand and shoulder surgery
Gastric bypass surgery (obesity) and different types of laparoscopy - abdominoplasty
Different types of cosmetic and maxillofacial deformity surgery - Epilepsy Monitoring Center

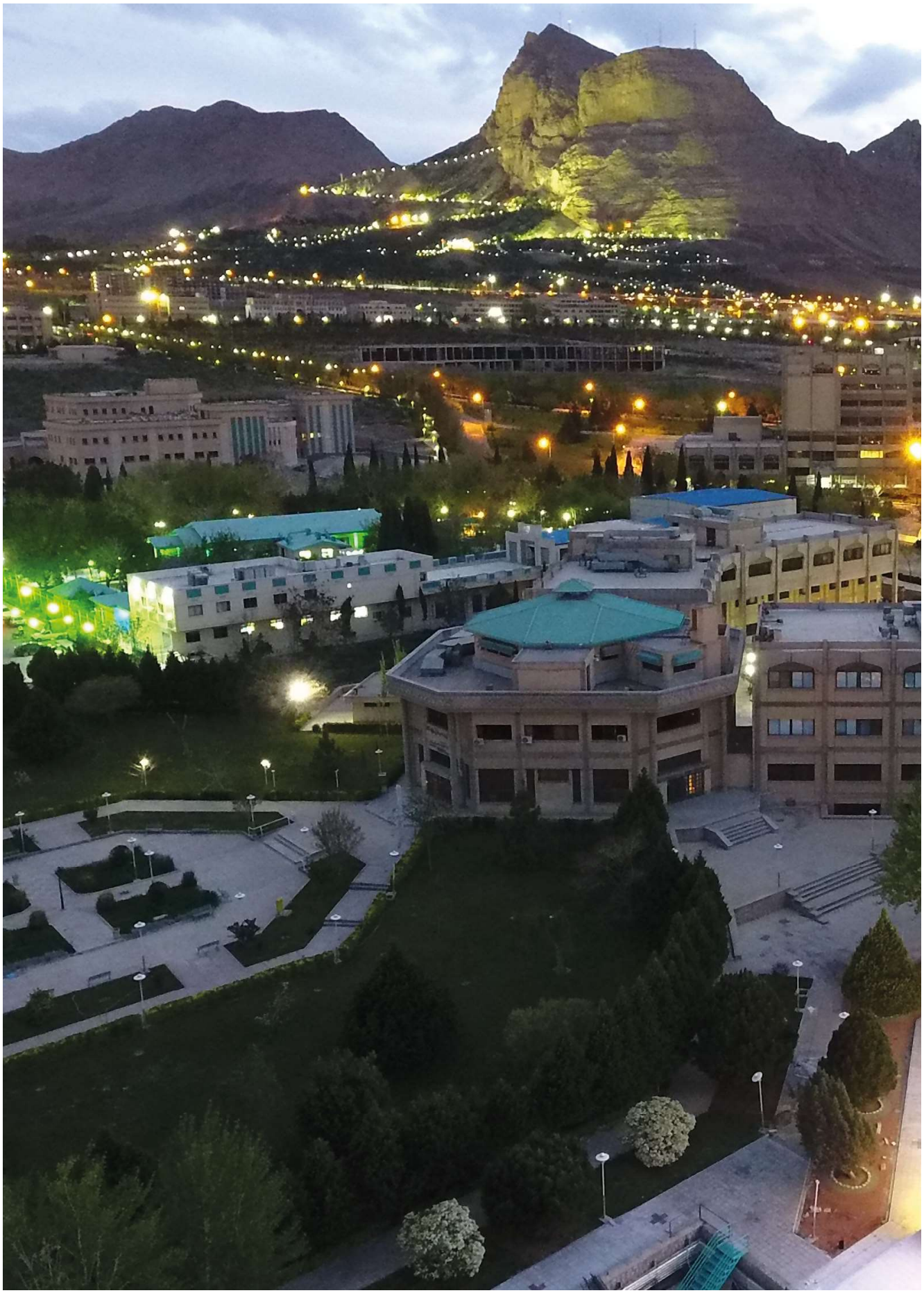


Pediatric Subspecialized Teaching Hospital

Imam Hosein

(Founded in 2011)

This hospital, with 185 active beds, is the only pediatric subspecialized hospital in the province of Isfahan.
It has the following wards:

- NICU - PICU
- Pediatrics
- Different types of pediatric surgery
- Neonatal subspecialty

This hospital also has the following diagnostic and treatment facilities and equipment:
Ultrasonography - Endoscopy - CT scan - Radiology - Echocardiography - Dialysis
The following subspecialized services are offered here:
Different types of neonatal and pediatric surgery