



مستشفى الملك فيصل
التخصصي ومركز الأبحاث
King Faisal Specialist
Hospital & Research Centre



KFSHRC Corporate Profile

Kingdom of Saudi Arabia

Key Facts



Economic GDP > \$1 trillion :

- World's largest exporter of oil (~16% of the global total).
- In 2023, non-oil activities have achieved a historic milestone, reaching a 50% share of the country's real GDP.

Saudi Budget in 2024 :

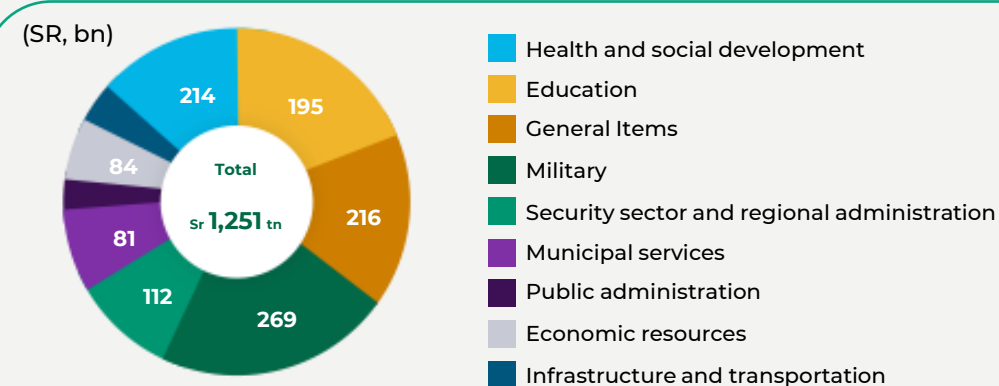
- Expenditures: \$ 333.4 bn.
- Allocated budget for the Health and Social Development Sector, including Research and Innovation: \$ 57.0 bn (18.2%).
- The ambition for 2040 is to achieve an annual investment in RDI equivalent to 2.5% of the GDP, amounting to \$16.0 bn.

SAUDI GDP IN 2023: \$1,067 BILLION



Source: World Bank Group

EXPENDITURES BY SECTOR (2024 BUDGET)



Source: Ministry of Finance



KFSHRC: Footprint and Facilities

Across the Kingdom of Saudi Arabia and beyond its borders, KFSHRC is recognized as a beacon of continuous innovation and outstanding care for the healthcare sector. Its facilities in Riyadh, Jeddah, and Madinah are among the most respected in the Kingdom, serving the diverse health and wellness needs of over 37,000+ patients on a weekly basis.

Centers of Excellence:



Cancer



Heart



Neuroscience



Genomics



Transplant



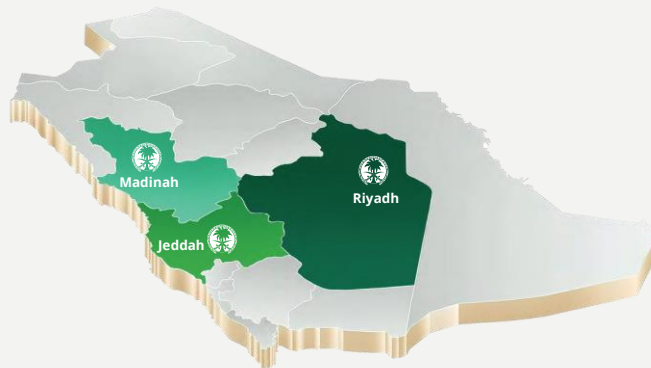
Pediatrics
& Women's



Medical



Surgical



Riyadh Branch

~1,000,000 m²
1,519 beds
86.4% bed occupancy rate

- 12 clinical facilities
- 58 support facilities
- 286 housing facilities
- Education and training facilities
- Research center
- Animal laboratory and holding facility

Jeddah Branch

~133,000 m²
524 beds
86.4% bed occupancy rate

- Clinical facilities
- 54 support facilities
- 2 housing facilities
- Education and training facilities

Madinah Branch

~121,000 m²
400 beds
62.4% bed occupancy rate

- Clinical facilities
- 19 support facilities
- 1 housing facility
- Education and training facilities

KFSHRC's Role in Advancing Smart Healthcare & Space Medicine

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Global First & Expanding Horizons



Royal Reception for KFSHRC Surgeons who performed the World 1st Full Robotic Heart Transplant



King Faisal Specialist Hospital Leads 4 Research Experiments in Space Medicine



01

2024 Key Achievements

Key Achievements

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May, 2024

Saudi Space Agency
Honors KFSHRC on
'Saudi Towards Space'
Mission Anniversary



July, 2024

KFSHRC Successfully
Transplants 3 Hearts to
Patients in Less than 24 Hours

May, 2024

KFSHRC Ranks as the
Top Valuable Healthcare
Brand in Saudi Arabia
and Middle East



July, 2024

KFSHRC Performs
Over 5,000 Successful
Kidney Transplants



Key

Achievements

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September, 2024

KFSHRC Conducts World's First Fully Robotic Heart Transplant, Strengthening Saudi Arabia's Leadership in Medicine



October, 2024

World's First Robotic Left Liver Lobe Transplant Performed in Saudi Arabia

July, 2024

For First Time in Middle East, In-Utero Endoscopic Surgery at KFSHRC Corrects Spinal Cord Defect in 26-Week-Old Fetus



October, 2024

Achieving Leadership in Robotic Technology, KFSHRC Performs 1,092 Organ Transplants in One Year



Key

Achievements

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October, 2024

KFSHRC Celebrates 28 Scientists Featured in Stanford's List of the Top 2% of Most-Cited Researchers



November, 2024

KFSHRC's New US Patent Opens New Frontiers for Breast Cancer Treatment

October, 2024

KFSHRC Showcases Success in Slashing CAR-T Therapy Costs by 80, Targets Increasing Production Capacity to 100 Gene Therapies Annually



November, 2024

HRH the Crown Prince Receives Medical Team that Successfully Performed World's First Robotic Heart Transplant





02

Centers of Excellence

Overview

KFSHRC Centers of Excellence

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King Faisal Specialist Hospital & Research Centre (KFSHRC) stands out as a leading healthcare institution in the Middle East, recognized for its excellence in specialized healthcare, medical innovation, and advanced medical research. The hospital's Centers of Excellence are pivotal to its operations, offering world-class services and cutting-edge treatments.



2.1

Cancer Center of Excellence

Cancer Center of Excellence

40+ Years of Service

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Excellence in Care

The Cancer Center, established as the first cancer center in the Middle East, is recognized as a world-leading institution in treating childhood cancers, stem cell therapy, and cellular therapy

2023

Treated approximately

25%

of all cancer cases
in Saudi Arabia

2023

Achieving an impressive



90%

recovery rate in
leukemia cases

2023

Achieving a



97%

five-year survival
rate for pediatric
renal tumors

Cancer Center of Excellence

40+ Years of Service

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Excellence in Care

KFSHRC is one of the few medical centers globally qualified to offer CAR-T cell therapy having administered its first treatment in 2021 to a 13-year-old patient with recurrent acute lymphoblastic leukemia.

The center's dedication to adopting the latest medical advancements and its extensive bone marrow transplant program positions it as a leading institution in the fight against cancer.

Now having treated over



+100

adult and pediatric
patients with CAR-T
cell therapy





2.2

Genomics Center of Excellence



Mapping the Future of Medicine

Precision Health through Cutting Edge Genomic Research

KFSHRC's Center for Genomic Medicine (CGM) is at the forefront of genomic research and personalized medicine, aiming to transform the diagnosis and treatment of genetic disorders. Established in 2011, it is the main tertiary referral center for genetic diseases in Saudi Arabia.

The center's ground-breaking research includes the discovery of the bacterial strain *Stenotrophomonas Riyadhensis*, advancing the understanding of bacterial antibiotic resistance mechanisms.

2023

Accepted



2023

Completed





Mapping the Future of Medicine

The CGM utilizes advanced genomic technologies to offer comprehensive diagnostics, genetic counselling, newborn screening, and genomic medicine services for rare diseases, significantly enhancing biomedical research and precision in patient diagnostics and treatments.

The center's commitment to excellence is evident in its extensive research publications and numerous clinical trials, solidifying its position as a leader in genomic medicine in the region.





2.3

Heart Center of Excellence

Heart Center of Excellence

Beating with Excellence

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Leading the Way in Cardiac Care and Innovation

The Heart Center at KFSHRC offers state-of-the-art cardiovascular care including congenital heart disease procedures and complex cardiac surgeries.

Regional Leader

since performing in

1989

its first heart
transplant

2023

Performed a heart transplant on

Two
Months

Old Baby

2023

Recorded

112,584

Outpatient
Visits

The

Youngest

patient ever treated in the
Middle East using ABO-
incompatible transplant
technology

Reflecting

26.7%

increase

Heart Center of Excellence

Beating with Excellence

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Leading the Way in Cardiac Care and Innovation

The center's pioneering efforts include the use of novel technologies such as the TransMedics Organ Care System, EXVIVO, and ECMO for lung transplant patients.

These innovations have significantly enhanced the center's ability to provide comprehensive cardiac care, making it a premier destination for cardiovascular treatment in the Middle East.





2.4

Transplant Center of Excellence

Transplant Center of Excellence

Transforming Lives

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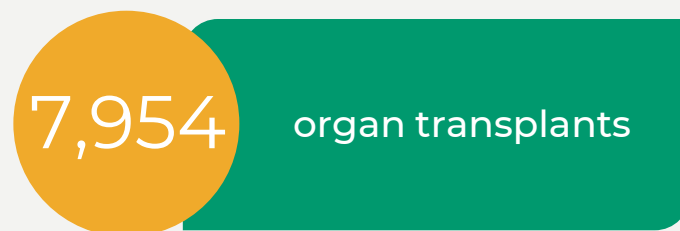


Excellence in Compassionate Care

The Transplant Center at KFSHRC is a global leader in transplant procedures, renowned for its innovative and minimally invasive surgeries and high success rates, including the world's first fully robotic liver transplant.

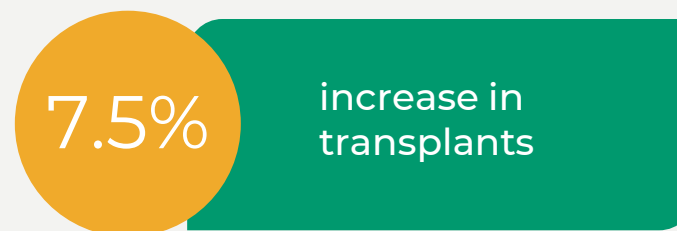
1981 till to-date

Performed over



2023

Achieved



2023

Completed



Surpassing



Transplant Center of Excellence

Transforming Lives

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Excellence in Compassionate Care

Robotic-assisted procedures at the center have significantly improved patient outcomes by reducing post-operative discomfort and promoting faster recovery.

The Transplant Center's commitment to excellence is reflected in its continuous efforts to develop new procedures and enhance its capabilities in transplant surgery, cementing its position as a leader in transplantation practices globally.





2.5

Neuroscience Center of Excellence

Neuroscience Center of Excellence

Empowering Minds and Lives

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The Neuroscience Center is a tertiary/quaternary center for neurological care with international standards of excellence.

We lead the region in many of the most advanced neurological care in medical and surgical diagnostic interventional and therapeutic procedures.

Pediatric and adult patients are evaluated by a highly specialized, nationally and internationally renowned multidisciplinary team, organized around patient-centric care through integrated practice units (IPUs) and specialized programs.

The primary mission of the Neuroscience Center is to serve society with the highest level of healthcare and best patient experience for medical and surgical neurological diseases in an integrated educational and research setting.



Neuroscience Center of Excellence

Empowering Minds and Lives

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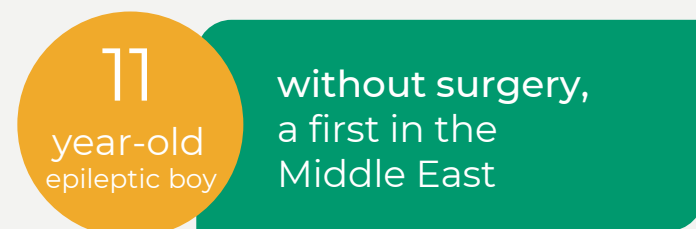


Cutting Edge Care

The Neuroscience Center at KFSHRC is renowned for its advanced medical services in diagnosing, treating, and performing surgeries for nervous system disorders, offering comprehensive care for both adults and children.

Specializing in epilepsy management, movement disorders, mechanical thrombectomies, and neurophysiological procedures.

Ground-breaking milestone
implanting brain electrodes in an



Neuroscience Center's patient
acceptance increased from





2.6

Pediatrics & Women's Health Center of Excellence

Pediatrics & Women's Health Center of Excellence

Pediatric Hematology/Oncology & Pediatrics

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Pediatric Hematology/Oncology

The Department of Pediatric Hematology/Oncology provides comprehensive medical care to children with cancers, hematological malignancies, and non-malignant hematological disorders. Our team of doctors, comprising subspecialty physicians, surgeons, radiation oncologists, pathologists, and intensivists, work closely to ensure cutting-edge therapy to all children. Approximately 350 new cancer cases in children under 14 years of age are registered annually, making it one of the largest centers in the region. In addition, the department runs a world-class stem cell transplant facility, performing an average of 135 transplants every year, for patients with malignancies, hematological Immunodeficiency disorders, and genetic disorders.

Pediatrics

The Department of Pediatrics provides highly specialized healthcare solutions to a wide range of children's diseases. Its services include allergy/immunology, endocrinology/diabetes, gastroenterology, infectious diseases, nephrology, rheumatology, pulmonology, neonatology, and pediatric intensive care units.



Pediatrics & Women's Health Center of Excellence

Obstetrics & Gynecology

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Obstetrics & Gynecology

The Department of Obstetrics and Gynecology at King Faisal Specialist Hospital and Research Center, Riyadh is a tertiary care center providing up-to-date evaluation and management in Maternal-Fetal Medicine, Reproductive Endocrinology and Infertility, Gynecologic Oncology patients, and Urogynecology and Pelvic reconstruction.

The department is composed of three sections: Maternal Fetal Medicine (MFM), Reproductive Endocrinology and Infertility (REI), Gynecology and Gynecologic Oncology. The service of Urogynecology and Pelvic Reconstruction was just started within the department, to provide care for patients with related issues.

The Section of MFM handles all types of high-risk pregnancies with fetal and maternal complications. The Infertility/IVF Unit performs the latest Assisted Reproductive Technologies (ART) from conventional IVF to all types of micromanipulation techniques. Pre-implantation Genetic Diagnosis (PGD) is one of the unique hi-tech services offered by IVF unit.





2.7

Medical Center of Excellence

Medical Center of Excellence

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Dermatology, Family Medicine /Polyclinics & Emergency Medicine)

Dermatology

The Department of Dermatology offers the highest quality of medical care through state-of-the-art technology and comprehensive diagnosis and management. Our expert dermatologists have vast experience in cutaneous diseases related to organ transplant, oncology, and immunocompromised conditions, biologic therapy for psoriasis and immunobullous diseases, cutaneous tumor prevention by repetitive chemical peel for Xeroderma pigmentosum, combined vascular anomalies, and hidradenitis suppurativa. Extracorporeal photopheresis for graft versus host disease and cutaneous T-cell lymphoma is also in place.

Family Medicine/Polyclinics

Comprising of two broad sections, Family Medicine and Polyclinics, this department is the first ambulatory care service outside the United States to achieve HIMSS 7 Accreditation. The Family Medicine department offers cost-effective, efficient, and evidence-based healthcare services to hospital employees and their eligible dependents (~50,000).

Emergency Medicine

The Department of Emergency Medicine (DEM), the 1st Accredited Chest Pain Center with Percutaneous Coronary Intervention in Saudi Arabia, provides medical care to approximately 75,000 patients per year. The Department's four (4) service sections – Adult, Pediatric, Urgent Care, and Ambulance Service – provide the highest quality advanced, effective, and timely 24/7 specialized emergency treatment to every eligible patient.





Mental Health, Medicine & Executive Health Medicine

Mental Health

The Department of Mental Health (DMH) provides psychiatric and mental health support to admitted patients and referral patients from other hospitals, including transplant conditions. Our team comprises of psychiatrists, clinical psychologists, counselors, educators, and therapists. We provide treatment and evaluation for general psychiatry, psychiatry mood disorder, and psychiatric obsessive-compulsive disorder to children, adolescents, and adults.

Medicine

With its eight subspecialty sections (Allergy/Immunology, Endocrinology, Gastroenterology, Infectious Diseases, Internal Medicine, Nephrology, Pulmonary Medicine, and Rheumatology), and two outstanding training programs (Residency and Fellowship), the Department of Medicine provides primary medical care services to in- and out-patients and considered as one of the largest departments in the hospital.

Executive Health Medicine

The Department serves and follows “VIP” patients both in inpatient and outpatient bases. Provides Internal Medicine/Primary Care, Preventive Medicine, Executive Health Check-up, Executive Women health check-up, Concierge Medicine Services, Team-leader/Decision Support for complex medical cases, Health-outreach support for enrolled patients, Lifestyle medicine.





2.8

Surgical Center of Excellence

Surgical Center of Excellence

Otolaryngology, Urology & Orthopedic Surgery

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Otolaryngology

The Department of Otolaryngology mission is to provide the population of Saudi Arabia with the highest quality medical care through comprehensive diagnosis, management & treatment of various otolaryngological diseases.

Urology

The Department of Urology offers medical care to adult and pediatric patients with complex urological disorders. The medical services include genito-urinary cancers, bladder control, neurogenic bladder, prostate disorders, sexual dysfunction, male infertility, laparoscopic and stone surgery, urologic oncology, robotic surgery, female urology, and reconstructive surgery.

Orthopedic Surgery

The Orthopedic Surgery Department, equipped with skilled and experienced staff and modern technology, deals with tertiary pathology to facilitate swift patient recovery. We are accredited by international agencies like the Joint Commission International and Magnet. We are the first center for disabled and metabolic bone disorder and osteoporosis.





Surgery, Dentistry & Ophthalmology

Surgery

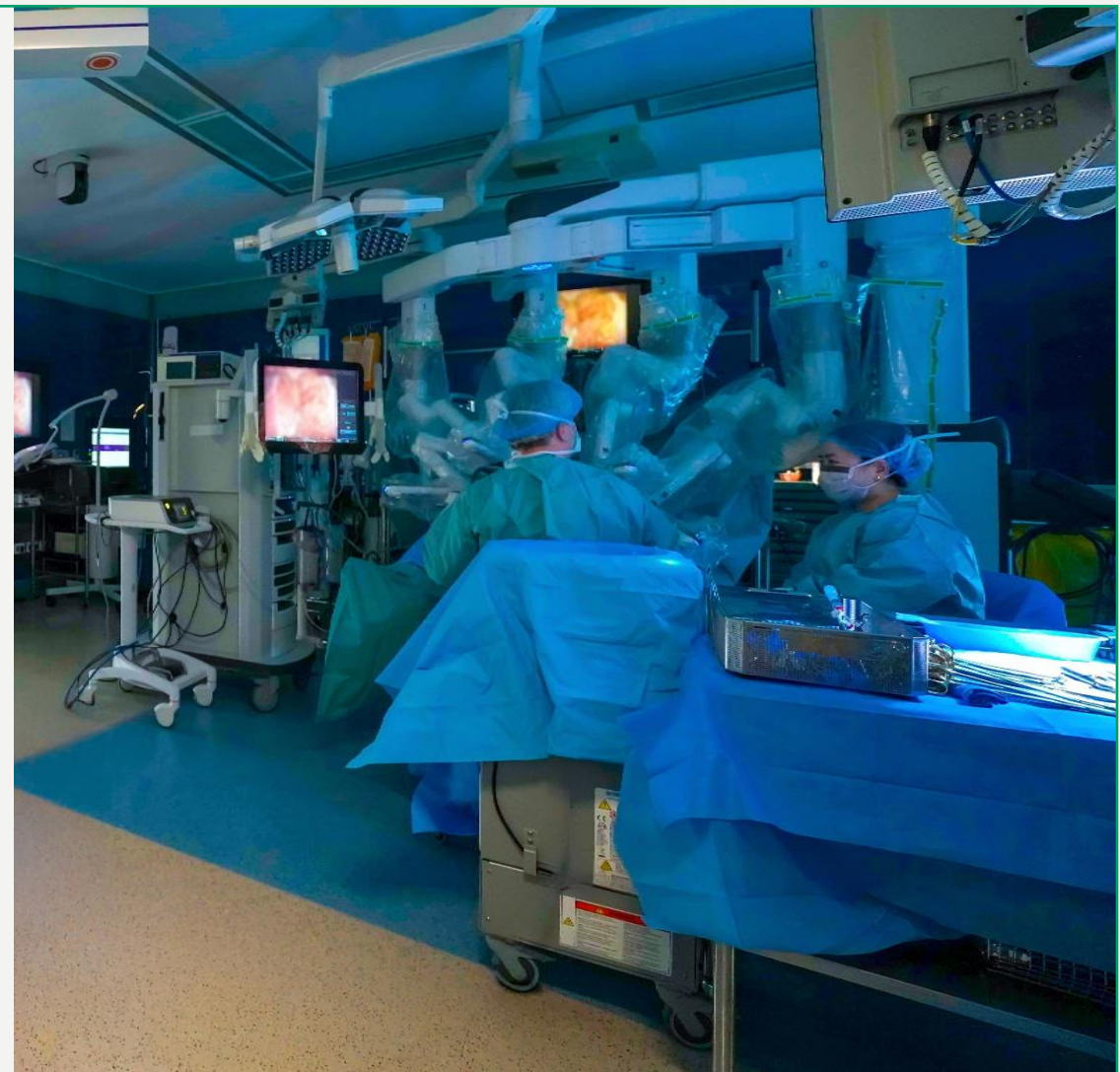
The Surgery Department comprises of highly skilled surgeons with extensive experience in treating a wide range of diseases and complex cases requiring tertiary care and surgical intervention. The department treats around 5,000 patients per year for cancer, vascular diseases, congenital diseases, pediatric surgical conditions and oncology, lung transplantation, and plastic and reconstructive surgery.

Dentistry

The Department of Dentistry engages in clinical practice, teaching, research, continuing education, medical outreach, public awareness programs, and by providing consultative service to other hospital departments and outside institutions.

Ophthalmology

The Department of Ophthalmology provides a complete range of medical and surgical treatment for both routine and complex eye-related disorders. In addition to deliver best patient experience and clinical outcomes in ophthalmology clinical practices by enhancing high performance culture, patient engagement, training and education, cutting-edge technology adoption and international accredited research publications.



Thank you

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