



U.S.-U.A.E. Business Council
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U.A.E. Collaboration and Participation in U.S. Healthcare



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The U.S.-U.A.E. Business Council

is the premier business organization dedicated to advancing bilateral commercial relations. By leveraging its extensive networks in the U.S. and in the region, the U.S.-U.A.E. Business Council provides unparalleled access to senior decision makers in business and government with the aim of deepening bilateral trade and investment.

U.S.-U.A.E. Business Council

2001 K Street, NW
Suite 201 North
Washington, D.C. 20006
+1 202.863.7285
news@usuaebusiness.org

www.usuaebusiness.org
[@USUAEBizCouncil](#)

INTRODUCTION

The U.A.E. has long been actively involved in the U.S. healthcare sector through medical treatment, education, research, and philanthropy. Prominent U.S. medical institutions have provided world-class care to the U.A.E. people, as demonstrated by the treatment of the U.A.E.'s founding father, His Highness Sheikh Zayed bin Sultan Al Nahyan, at some of the most prestigious hospitals in the United States. In addition, Emirati medical students, researchers, doctors, and healthcare executives have come to the United States for training and research. Moreover, through partnerships and philanthropic support, the U.A.E. has worked with U.S. hospitals to enhance care and advance cutting-edge research. This study is a survey of U.S. healthcare institutions and their important U.A.E. collaborations and partnerships inside the United States.

As such, in its focus on the U.S. healthcare market, it complements the U.S.-U.A.E. Business Council's annual report on the [U.A.E. Healthcare Sector](#), which is released every January ahead of Arab Health in Dubai, and highlights some of the work U.S. healthcare institutions are doing in the U.A.E. In so doing, this publication seeks to facilitate further U.A.E. involvement in the U.S. healthcare sector by providing information about leading U.S. hospitals, and successful case studies of bilateral cooperation.



Pictured: Johns Hopkins' Sheikh Zayed Tower (left) in Baltimore, which the U.A.E. supported through a philanthropic gift

MEDICAL CARE

Every year, hundreds of Emirati adults and children come to hospitals all across the United States to receive medical care.

That is because the U.S. is home to many of the world's leading healthcare institutions. Mayo Clinic, Massachusetts General Hospital, Johns Hopkins Hospital, Cleveland Clinic, NewYork-Presbyterian Hospital, Cedars-Sinai, Northwestern Memorial Hospital, Brigham and Women's Hospital, and Houston Methodist, for instance, are not just among the top-20 hospitals in the United States, according to the authoritative U.S. News and World Report rankings, but also among the best hospitals in the world. As such, they attract a large number of Emirati patients seeking quality and sophisticated care.



2019-20 U.S. News and World Report Best Hospitals Honor Roll

1. Mayo Clinic, Rochester, Minn.
2. Massachusetts General Hospital, Boston
3. Johns Hopkins Hospital, Baltimore
4. Cleveland Clinic
5. New York-Presbyterian Hospital-Columbia and Cornell, N.Y.
6. UCLA Medical Center, Los Angeles
7. UCSF Medical Center, San Francisco
8. Cedars-Sinai Medical Center, Los Angeles
9. NYU Langone Hospitals, New York, N.Y.
10. Northwestern Memorial Hospital, Chicago

Emirati patients also turn to U.S. hospitals because they offer certain types of specialized care that, in some cases, are not available in the U.A.E. For instance, the U.A.E. turns to Cleveland Clinic for its best-in-class capabilities in cardiology & heart surgery; Johns Hopkins for its leading offerings in geriatrics, neurology & neurosurgery, and rheumatology; and Mayo Clinic for its world-renowned care in diabetes & endocrinology, ear, nose & throat, gastroenterology & gastroenterologic surgery, nephrology, and urology. UPMC Children's Hospital of Pittsburgh is collaborating with Sheikh Khalifa Medical City to accept the transfer of the first pediatric patient from U.A.E. receiving a multivisceral transplantation.



2019-20 U.S. News and World Report Best Hospitals by Specialty

- Cancer – MD Anderson
- Cardiology and Heart Surgery – Cleveland Clinic
- Diabetes and Endocrinology – Mayo Clinic
- Ear, Nose, and Throat – Mayo Clinic
- Gastroenterology & GI Surgery – Mayo Clinic
- Geriatrics – Johns Hopkins
- Gynecology – Memorial Sloan Kettering Cancer Center
- Nephrology – Mayo Clinic
- Neurology & Neurosurgery – Johns Hopkins
- Ophthalmology – Bascom Palmer Eye Institute
- Orthopedics – Hospital for Special Surgery
- Psychiatry – Massachusetts General Hospital
- Pulmonology & Lung Surgery – National Jewish Health
- Rehabilitation – Shirley Ryan AbilityLab
- Rheumatology – Johns Hopkins
- Urology – Mayo Clinic

Indeed, each of the leading U.S. hospitals differentiates itself from its peers by providing unique offerings in certain areas, creating a wide variety of options for Emirati patients. For instance:

- Baylor St. Luke's – neurology & neurosurgery, cardiology & heart surgery, and gastroenterology & GI surgery
- Brigham & Women's – cancer, gynecology, rheumatology, nephrology, and cardiology & heart surgery
- Cedars-Sinai – gastroenterology & GI surgery, cardiology & heart surgery, orthopedics, pulmonology & lung surgery, and gynecology
- Dana-Farber Cancer Institute – cancer
- Houston Methodist – gastroenterology & GI surgery, nephrology, orthopedics, and cardiology & heart surgery
- NewYork-Presbyterian – cardiology & heart surgery, gynecology, rheumatology, neurology & neurosurgery, psychiatry, nephrology, diabetes & endocrinology, geriatrics, and urology
- Penn Medicine – ear, nose, & throat, gynecology, cancer, and cardiology & heart surgery
- Philadelphia International Medicine – ophthalmology (Wills Eye Hospital)
- UChicago Medicine – gastroenterology & GI surgery



2019-20 U.S. News and World Report Best Children's Hospitals Honor Roll

1. Boston Children's Hospital
2. Children's Hospital of Philadelphia
3. (tie) Cincinnati Children's Hospital Medical Center
3. (tie) Texas Children's Hospital, Houston
5. Children's Hospital Los Angeles
6. Children's National Medical Center, Washington, D.C.
7. Nationwide Children's Hospital, Columbus
8. UPMC Children's Hospital of Pittsburgh
9. John's Hopkins Children's Center, Baltimore
10. Seattle Children's Hospital

Adults are not the only Emiratis turning to the U.S. for world-class healthcare; Emirati children also receive treatment at leading U.S. children's hospitals. For instance, they have turned to Children's Hospital of Philadelphia (CHOP) for its offerings in diabetes & endocrinology, gastroenterology & GI surgery, neurology & neurosurgery, pulmonology & lung surgery, and urology. They have turned to Children's National Medical Center for neonatology, neurology & neurosurgery, nephrology, cancer, and pulmonology & lung surgery. Or, they have turned to Nationwide Children's – one of the largest children's hospitals in the country – for care in cancer, neurology & neurosurgery, orthopedics, and urology. Finally, they have turned to Dana-Farber for cancer treatment.



2019-20 U.S. News and World Report Best Children's Hospitals by Specialty

- Cancer – Dana-Farber
- Cardiology and Heart Surgery – Texas Children's Hospital
- Diabetes and Endocrinology – Children's Hospital of Philadelphia
- Gastroenterology & GI Surgery – Children's Hospital of Philadelphia
- Neonatology – Children's National Medical Center
- Nephrology – Boston Children's Hospital
- Neurology & Neurosurgery – Boston Children's Hospital
- Ophthalmology – Bascom Palmer Eye Institute
- Orthopedics – Boston Children's Hospital
- Pulmonology & Lung Surgery – Texas Children's Hospital
- Urology – Boston Children's Hospital

At the same time Emiratis receive best-in-class medical care at U.S. hospitals, they also benefit from a holistic patient experience. When Emiratis travel to the United States for medical care, these patients tend to stay for lengthy periods and bring their families. Hospitals have catered for this by providing or facilitating special services including visa assistance, VIP medical transportation by road and air, luxury accommodation, and high-end concierge services.

At the same time, American hospitals have worked to make Emirati patients feel supported by providing them with interpreters, Imams, and culturally appropriate care. The University of Chicago, for instance, is home to an Initiative on Islam and Medicine. This center for study and dialogue at the intersection of the Islamic tradition and biomedicine helps provide UChicago Medicine with evidence-based, culturally-tailored healthcare services and interventions.¹



The U.A.E. Embassy in Washington, D.C. has historically played a critical role in coordinating and facilitating the provision of medical care for Emirati patients in the United States. The U.A.E. Embassy has several medical offices representing different U.A.E. government ministries and healthcare entities such as the Ministry of Defense, Department of Health Abu Dhabi (DOH), and Dubai Health Authority (DHA). They help ensure Emirati patients receive the best possible care at U.S. institutions.

That said, the U.A.E. is constantly working to optimize and streamline the manner in which Emiratis receive international medical care. As such, there have recently been changes in the way in which some U.A.E. government entities interact with U.S. hospitals by enabling more direct engagement.

Notably, in early 2018, U.A.E. Ambassador to the U.S. His Excellency Yousef Al Otaiba, signed agreements with leaders from several top American hospitals on behalf of the U.A.E.



Government and Department of Health – Abu Dhabi. The hospitals include Brigham and Women's Hospital, Dana Farber Cancer Institute, The Cleveland Clinic Foundation, University of Chicago Hospitals, Children's Hospital of Philadelphia, Children's National Medical Center, Cincinnati Children's Hospital Medical Center, Shirley Ryan AbilityLab, and Johns Hopkins Hospital.²

Since then, Ambassador Al Otaiba signed a similar agreement to ensure access to healthcare and logistical support for designated Emirati patients with Children's National in November 2018.³ Moreover, in March 2019, the U.A.E. Embassy signed a Medical Services Agreement with NewYork-Presbyterian Hospital. The latter agreement provides access to care and logistical support for designated Emirati patients at NewYork-Presbyterian Hospital's seven campus academic medical centers, making it one of their leading healthcare providers.

The expansion and improvement of the U.A.E.'s healthcare sector has impacted and will continue to impact the total flow of Emirati patients to the United States. Indeed, in 2015, the

U.A.E.'s Mubadala Investment Company and the U.S.-based Cleveland Clinic Foundation opened a 364-bed (expandable to 490-bed) multidisciplinary, physician-led hospital to bring an unparalleled level of specialized care to the heart of Abu Dhabi and the wider Gulf region. The next year, Dubai-based Valiant Clinic became part of Houston Methodist's Global Health Care Network and the American Hospital Dubai became the first hospital in the Middle East to join the Mayo Clinic Care Network.



Pictured: Cleveland Clinic Abu Dhabi

That said, while U.A.E. residents are increasingly seeking care at local institutions as they continue to provide ever-more comprehensive care, there will always be a need for Emiratis to come to the U.S.

C3 US-Arab Healthcare & Business Summit

Every September, the latest developments in international patient care and U.S.-Arab healthcare partnerships are discussed at the C3 US-Arab Healthcare & Business Summit in New York. The annual event, which began in 2012, assembles business leaders, policy makers, educators, and healthcare professionals from the Arab world and the United States for a day of meaningful engagement.⁴



MEDICAL EDUCATION AND RESEARCH

In addition to turning to the U.S. for best-in-class medical treatment, the U.A.E. has turned to leading U.S. hospitals to build local capacity and train the next generation of Emirati doctors, nurses, researchers, and medical administrators. As such, Emirati universities, hospitals, and healthcare entities collaborate with a variety of different hospitals throughout the United States.

Medical training and observerships

Mayo Clinic has hosted Emirati doctors and medical students for specialized medical training, including through a joint program of the Scholarship Office at the Ministry of Presidential Affairs and the Khalifa Bin Zayed Al Nahyan Foundation, and the Mohammed Bin Rashid University of Medicine and Health Sciences (MBRU)'s Summer Scholars Program. Mayo Clinic has also hosted physicians from the American Hospital in Dubai, a member of the Mayo Clinic Care Network.

Moreover, the Washington, D.C.-based Children's National Medical Center provides four training positions to Emirati physicians during their clinical and trial rotations. Each year, it also provides work experience to a number of Emirati students from UAE University, Higher Colleges of Technology, and Khalifa University. In total, five U.A.E. Medical Residents have come through Children's National pediatric residency program.

In addition, for many years, the Children's Hospital of Philadelphia (CHOP) has supported the advancement of pediatric medical education in cooperation with the Abu Dhabi Health Services Authority (SEHA), an independent public joint stock company that owns and operates all public hospitals and clinics across Abu Dhabi. CHOP does this by entering an Emirati national matched medical student graduate into their three-year Pediatric Residency Program on a yearly basis.

Notably, in July 2019, five female Emirati medical students from Fatima College of Health Sciences took part in training programs at CHOP and the Hospital of the University of Pennsylvania, of which Penn Medicine is a part.⁵ For Penn Medicine, the aim of this nursing observation program is to help increase the number of Emiratis working in healthcare. The overarching goal is to have these students observe the roles and responsibilities nurses have in research, and to showcase the autonomy of nursing in America.

For its part, Johns Hopkins collaborates with Abu Dhabi-based Tawam Hospital on initiatives including planning for medical oncology fellowships, exploring clinical rotations at The Johns Hopkins Hospital, and sharing resources and developing the Tawam Residency Program. Two residents from Tawam will spend six months at Johns Hopkins as clinical research fellows in emergency medicine and pediatric cardiology. Dr. Hamda Al Maazmi, a Tawam Hospital surgery resident, is continuing as a research fellow working with Johns Hopkins Department of Surgery leader Dr. Jonathan Efron.

In Boston, Brigham & Women's Hospital Department of Surgery offers a summer internship to eligible students from Mohammed bin Rashid University of Medicine and Health Sciences, providing students an opportunity for hands-on research and clinical observation in a leading academic medical center.

Other notable observerships include:

- A special Cleveland Clinic Abu Dhabi program allows qualified U.A.E. medical students to spend a year in Cleveland for a structured sub-internship.
- U.A.E. citizens have participated in Boston-based Mass General's international observership programs to observe specific areas of clinical care, research or administrative operations.
- Philadelphia International Medicine hospitals welcome physicians from the Middle East for observerships in over 60 specialties and sub-specialties to improve patient outcomes and quality on the delivery of care.

Medical research

In recent years, Emirati researchers have conducted research in the United States through partnerships with leading medical institutions.

For instance, Children's National, through its Sheikh Zayed Institute for Pediatric Surgical Innovation, has conducted over 40 research projects in bioengineering, immunology, molecular biology, and pain medicine. The hospital has also taken part in eight joint research projects with U.A.E. institutions including Al Qassimi Hospital and Khalifa University.



Dr. Kurt Newman, President and CEO of Children's National

In July 2019, another children's hospital, Cincinnati Children's, welcomed Dr. Shireen Mreish from Tawam University as a Clinical Fellow in its Cancer and Blood Diseases Institute. Additionally, Dr. Najla Aljaberi, from UAE University, joined Cincinnati Children's team in 2014 as a resident and is now a Clinical Fellow in its Division of Rheumatology. Both are in ACGME-accredited training programs.

Emiratis have also contributed to medical research at specialized U.S. hospitals. In December 2016, an Emirati researcher, Dr. Humaid Al Shamsi, who is an Assistant Professor at the MD Anderson Cancer Center at the University of Texas, was the primary investigator in the identification of a rare subtype of colon cancer. The discovery was the result of collaboration between the Sheikh Khalifa Bin Zayed Al Nahyan Institute for



Personalized Cancer Therapy at MD Anderson and Mayo Clinic, with research support from the Khalifa Bin Zayed Al Nahyan Foundation.

These partnerships in medical education, training, and research further strengthen the U.S.-U.A.E. bilateral relationship and enable U.A.E. hospitals and healthcare entities to then use these skills and knowledge to further improve the quality of healthcare in the U.A.E. and benefit the population of the U.A.E. and broader Gulf region.

PHILANTHROPY

In the past decade, U.A.E. entities and private citizens have given generously to U.S. hospitals, healthcare foundations, and charities, both as gifts and to fund particular initiatives.

Gifts to hospitals

The U.A.E.'s relationship with Children's National extends beyond treatment – it is a partnership to advance pediatric care through research and innovation. In April 2019, Children's National received a \$30 million donation from the U.A.E. to support the hospital's new Research & Innovation Campus which will open at the former Walter Reed Army Medical Center site in Washington, D.C.⁶ The U.A.E.'s gift will support the development of a unique complex, which will host researchers, universities, companies and a rare disease institute, all working together to find solutions for some of the most challenging diseases and medical conditions facing children. The campus is scheduled to open in Washington, D.C. in 2020 and the main atrium of the research and innovation building will be named after the U.A.E.'s late founder, His Highness Sheikh Zayed bin Sultan Al Nahyan.⁷

This gift is part of a larger philanthropic relationship between Children's National and the U.A.E. which first started in 2009 when the U.A.E. funded the creation of the Sheikh Zayed Institute for Pediatric Surgical Innovation at Children's National. Since 2009, the U.A.E.'s generosity has yielded \$180 million for health advances that have benefitted thousands of children and families.⁸ Moreover, the hospital has also received other generous contributions from U.A.E. entities and individuals in the past decade including \$10.7 million raised by U.A.E. Ambassador H.E. Yousef Al Otaiba and his wife Abeer Al Otaiba as co-chairs of the Children's National 2014 ball in Washington, D.C.

In February 2018, the U.A.E. Embassy in Washington, D.C. and Johns Hopkins Medicine announced a new institute for stroke research and clinical care. The Sheikh Khalifa Stroke Institute, established through a \$50 million gift from the U.A.E., will feature facilities in Baltimore and Abu Dhabi. The Institute will enable Johns Hopkins scientists to collaborate with their Emirati colleagues, training a workforce of biomedical researchers in the U.A.E.⁹



Pictured: From L to R: Johns Hopkins University President Ronald J. Daniels; Philanthropist, Johns Hopkins Alumnus, and Former New York City Mayor Michael R. Bloomberg; U.A.E. Ambassador Yousef Al Otaiba; Dean of Johns Hopkins University Medical Faculty and CEO of Johns Hopkins Medicine Paul Rothman at the Sheikh Khalifa Stroke Institute launch event in February 2018

The U.A.E.'s latest gift is part of an ongoing relationship with the Maryland-based hospital. Indeed, in 2007, U.A.E. His Highness President Sheikh Khalifa bin Zayed Al Nahyan made a generous gift to support the construction of The Johns Hopkins Hospital's new cardiovascular and critical care tower in Baltimore.¹⁰ The Sheikh Zayed Tower, which opened in 2012, offers a full range of cardiovascular services and has 355 private inpatients rooms, including: 224 acute care rooms, 96 intensive care rooms and 35 obstetrics rooms.¹¹

MD Anderson has also partnered with the U.A.E. In 2011, the U.A.E.'s Khalifa Bin Zayed Al Nahyan Foundation announced a \$150 million grant to Houston-based MD Anderson to support the Sheikh Zayed Bin Sultan Al Nahyan Building for Personalized Cancer Care.¹² The 12-floor, 628,652-square-foot building was dedicated in 2016.¹³

Rebuilding healthcare institutions

The U.A.E. has also helped local communities in the United States rebuild their healthcare infrastructure in the wake of natural disasters. For instance, after the deadly 2011 tornadoes in Joplin, Missouri, the U.A.E. gave Mercy Hospital \$5 million to create an entire floor dedicated to pediatric care featuring the hospital's first ever neonatal intensive-care unit.¹⁴

More recently, in August 2018, a little over a year after Hurricane Irma, the U.A.E. donated \$900,000 to the Jacksonville, Florida-based Sulzbacher Center, an organization fighting

homelessness. The funds will be used by the organization to design and build two multi-service mobile medical clinics that will provide primary care, hygiene, and mental health services to homeless individuals.¹⁵

Similarly, in January 2019, the U.A.E. granted \$6.5 million to the Greater Houston Community Foundation to help with Hurricane Harvey recovery efforts. Part of these funds will be used to expand Houston Health Department services. Indeed, the Houston Health Department will receive approximately \$1.1 million to expand the Pediatric Asthma in the Home Stretch Program to three more schools in Houston, test children for blood lead poisoning, and create the Children's Environmental Health Mobile Unit. Funds granted by the U.A.E. will support staffing, school stipends, testing supplies, lab services, and the creation and maintenance of the mobile unit.¹⁶

Promoting healthy lifestyles

The U.A.E. has also been active in raising awareness about diseases and promoting healthy lifestyles in the United States.

Throughout the years, the U.A.E. Embassy in Washington, D.C. has regularly partnered with The Susan G. Komen Foundation to raise awareness of breast cancer and facilitate more effective outcomes in its prevention and treatment. The Embassy repeatedly participated in the Susan G. Komen Race for the Cure in Washington, D.C. as an official sponsor.¹⁷ In 2017, the U.A.E. also funded the translation of the World Cancer Atlas into Arabic, a comprehensive guide which consolidates research from 185 countries, outlining the global cancer landscape. In partnership with the American Cancer Society, the U.A.E. Embassy hosted an event in Washington, D.C. to celebrate the launch of the publication.¹⁸



Pictured: U.A.E. Ambassador H.E. Yousef Al Otaiba speaks at the launch of the Cancer Atlas in Arabic

The Embassy has also partnered with New York Road Runners on its annual U.A.E. Healthy Kidney 10K race in New York City.¹⁹ The race, launched in 2005, promotes awareness of kidney health and kidney disease, and has raised more than \$200 million since its inception for the U.S.-based National Kidney Foundation. The U.A.E.-sponsored event was launched after Sheikh Zayed Bin Sultan Al-Nahyan, the Founding Father of the U.A.E., had a kidney transplant at Cleveland Clinic in 2000.



Pictured: Participants at the start of the 2019 U.A.E. Healthy Kidney 10K race in New York City

Meanwhile, since 2016, the U.A.E. Consulate in Los Angeles has been the presenting sponsor of the annual Thanksgiving Day Turkey Trot distance run, which attracts over 5,000 runners. This popular community event brings together thousands of runners to raise money for the Midnight Mission, a charitable organization working to tackle the challenge of homelessness in Los Angeles including through the promotion of healthy and active lifestyles.²⁰

OUTLOOK

Providing world-class healthcare is one of the six pillars of the U.A.E.'s national agenda, or Vision 2021.²¹ As such, in the coming years, the U.A.E. will continue to focus on building out its own healthcare infrastructure. This will provide both challenges and opportunities for U.S. hospitals.

On the one hand, as the availability of specialized care increases in the U.A.E., there will be less need to send patients to the U.S. for many medical treatments. For instance, in April 2019, Cleveland Clinic Abu Dhabi broke ground on a major new cancer treatment center set to open in Abu Dhabi in 2021 that will give local treatment options to some cancer patients.²² This is part of a broader trend whereby the U.A.E. healthcare sector will undoubtedly continue to become more sophisticated and the country will solidify its position as a hub for healthcare in the MENA region.

On the other hand, as the U.A.E. looks to provide increasingly sophisticated care, it will continue to turn to leading U.S. hospitals for advice and best practices. Indeed, the U.A.E. will look to U.S. hospitals to train and educate their medical staff and executives. Moreover, the United States will remain a highly attractive destination for Emirati medical researchers.

At the same time, due to its small population, the U.A.E. will not be able to accommodate all types of medical specialties. Emiratis will therefore continue to travel abroad, and particularly to the United States, to receive some of the best medical care in the world. As such, opportunities for partnerships with hospitals in the United States in the coming years abound.



Pictured: Cedars-Sinai Medical Center in Los Angeles, California

SELECT LEADING U.S. HOSPITALS

Baylor St. Luke's Medical Center
<p data-bbox="982 302 1115 329">Overview</p> <p data-bbox="201 378 1875 526">As part of Catholic Health Initiatives (CHI), Baylor St. Luke's Medical Center is a quaternary care facility that is home of the Texas Heart® Institute (THI), a world-class cardiovascular research and education institution that is consistently ranked as one of the nation's best in Cardiovascular Services & Heart Surgery. Baylor St. Luke's is the first hospital in Texas and the Southwest designated a Magnet® hospital for Nursing Excellence by the American Nurses Credentialing Center.</p> <p data-bbox="201 570 1835 643">Baylor St. Luke's has embarked on a new era in healthcare through a joint venture with Baylor College of Medicine (BCM) that position the hospital at the forefront of transforming the delivery of healthcare.</p>
<p data-bbox="842 688 1255 721">Specialties and special services</p> <p data-bbox="201 768 1787 841">Together, CHI St. Luke's Health and THI form one of the largest cardiovascular centers on the globe, offering a full range of specialty heart programs. In addition, Baylor St. Luke's also is known for spearheading breakthroughs in other specialties.</p> <ul data-bbox="254 885 1881 1036" style="list-style-type: none"><li data-bbox="254 885 1881 958">• The Dan L. Duncan Cancer Center is recognized as a National Cancer Institute (NCI) Comprehensive Cancer Center—the highest possible designation, with programs that demonstrate significant clinical research and state-of-the-art treatments.<li data-bbox="254 963 1381 995">• The Lung Institute is the first comprehensive, multi-specialty Lung Institute in Texas.<li data-bbox="254 1000 1640 1036">• Baylor St. Luke's is designated a Comprehensive Stroke Center by Det Norske Veritas GL Healthcare, Inc. <p data-bbox="201 1079 1885 1230">The International Services at Baylor St. Luke's Medical Center foster relations with foreign physicians and healthcare professionals through clinical rotations, and physicians' exchange in partnership with Baylor College of Medicine and Texas Heart Institute. Baylor St. Luke's Medical Center also offers unique and customized training programs for nursing and allied health. They have representatives in Peru, Ecuador, and very soon in the U.A.E.</p>

Brigham and Women's Hospital (BWH)

Overview

Brigham Health is a global leader in clinical care, medical education, and biomedical research. Its flagship hospital, Brigham & Women's Hospital, is a major teaching affiliate of Harvard Medical School and internationally renowned for Centers of Excellence in Neuroscience, Heart & Vascular, Lung, Orthopedics & Arthritis, Cancer and Women's Health. Consistently recognized by U.S. News & World Report as one of the top hospitals, BWH provides expert care in virtually every medical and surgical specialty to patients from the U.S. and from 120 countries around the globe.

For nearly two centuries, the Brigham & Women's Hospital has been the site of pioneering medical discoveries and ground-breaking advances in surgery. Today, Brigham Health continues the legacy of innovation as one of the largest hospital-based biomedical research enterprises in the world, supporting over \$700 million of clinical, translational and basic research annually.

Specialties and special services

Brigham & Women's Hospital is home to many services and programs transforming medicine including:

- At the forefront of precision medicine, BWH's Preventive Genomics Clinic provides innovative screening for advancing the prevention, diagnosis, and treatment of diseases and conditions for patients locally and all around the world.
- The Ann Romney Center for Neurologic Diseases fosters novel interdisciplinary collaboration to accelerate the search for and development of new treatments and cures for 5 of the world's most complex neurologic diseases: multiple sclerosis (MS), Alzheimer's disease, ALS (Lou Gehrig's disease), Parkinson's disease, and brain tumors.
- The Advanced Multimodality Image Guided Operating (AMIGO) suite is a state-of-the-art medical and surgical research environment that houses a complete array of advanced imaging equipment and interventional surgical systems.
- The Dana-Farber / Brigham and Women's Cancer Center (DFBWCC) is an NCI-designated Comprehensive Cancer Center for adult cancers. DFBWCC physicians and researchers have helped develop many of the very latest therapies — from harnessing the immune system to targeted therapies based on the genetics of your cancer.

Cedars-Sinai Medical Center

Overview

Since its inception in Los Angeles in 1902, Cedars-Sinai has evolved to become the largest nonprofit hospital in the western United States — one that's internationally renowned for the best patient care modern medicine has to offer and is continually ranked as one of the top ten hospitals in the U.S. in multiple categories. With pioneering medical research achievements, education programs defining the future of healthcare, and wide-ranging community benefit activities, they're setting new standards for quality and innovation in patient care. Cedars-Sinai are a \$3.5 billion integrated health system, serving more than one million people each year in over 40 locations, with more than 4,500 physicians and nurses and 1,500 research projects in motion.

Specialties and special services

Cedars-Sinai is home to many medical centers of excellence including:

- The Smidt Heart Institute is led by a distinguished team of experts who are setting the bar for cardiovascular care in the United States. The program was ranked #3 nationally in the 2018-19 U.S. News & World Report.
- Cedars-Sinai is also a leader in the treatment of more than 150 complex neurological disorders, including Brain Tumors, Cerebrospinal Fluid (CSF) Leak, Movement Disorders, etc.
- Their GI program is ranked #1 in California and #3 in the nation by U.S. News & World Report.
- For orthopedics, Cedars-Sinai are consistently ranked in the top 10 in the nation by U.S. News & World Report.

Children's Hospital of Philadelphia (CHOP)

Overview

The nation's first hospital devoted exclusively to the care of children, CHOP has since its start in 1855 been the birthplace for many dramatic firsts in pediatric medicine. CHOP is a pediatric health care network that operates a pre-eminent children's hospital located in Philadelphia, Pennsylvania. CHOP is well known with top-rated clinical programs, groundbreaking research enterprises, educational and training programs, and state-of-the-art facilities that has within its mission improving the health of children around the globe. CHOP is recognized as a global leader in pediatric medicine.

Specialties and special services

CHOP is consistently ranked as one of the top children's hospitals in the U.S. News and World Report Honor Roll. Moreover, for the seventh consecutive year, U.S. News & World Report has designated the Department of Pediatrics at the University of Pennsylvania's Perelman School of Medicine, located at CHOP, as the number one department of pediatrics in the United States. CHOP is also consistently recognized for excellence in the following specialties: Cancer; Cardiology and Heart Surgery; Diabetes and Endocrinology; Gastroenterology; Orthopedics; Neonatology; Nephrology and Kidney Diseases; Neurology and Neurosurgery; Pulmonology; and Urology

Research at Children's Hospital reflects the institution's commitment to improve child health and concentrates on basic, translational, and clinical research on issues of importance and relevance to child health. CHOP's Research Institute is world-renowned, leading research breakthroughs and medical innovations for more than 90 years. The Institute continues its dedication to translating innovative research findings to outstanding patient care.

Children's National

Overview

Children's National Health System, based in Washington, D.C., has served the nation's children since 1870. Children's National is the nation's No. 6 pediatric hospital and, for the third straight year, is ranked No. 1 in newborn care, as well as ranked in all specialties evaluated by U.S. News & World Report. It has been designated two times as a Magnet® hospital, a designation given to hospitals that demonstrate the highest standards of nursing and patient care delivery. This pediatric academic health system offers expert care through a convenient, community-based primary care network and specialty outpatient centers in the D.C. Metropolitan area, including the Maryland suburbs and Northern Virginia. Home to the Children's Research Institute and the Sheikh Zayed Institute for Pediatric Surgical Innovation, Children's National is the seventh-highest NIH-funded children's hospital in the nation. Children's National is recognized for its expertise and innovation in pediatric care and as a strong voice for children through advocacy at the local, regional and national levels.

Specialties and special services

Children's National is once again ranked as one of the nation's 10 Best Children's Hospitals, and a member of the U.S. News & World Report 2019-2020 Honor Roll. This year's survey also resulted in Children's National being ranked #1 for newborn intensive

care for the third year in a row and being ranked in the top ten for four other services (Neurology and Neurosurgery #5, Nephrology #6, Cancer #9, and Pulmonology and Lung Surgery #9).

Children's Hospital of Pittsburgh

Overview

Regionally, nationally, and globally, UPMC Children's Hospital of Pittsburgh is a leader in the treatment of childhood conditions and diseases, a pioneer in the development of new and improved therapies, and a top educator of the next generation of pediatricians and pediatric subspecialists. With generous community support, UPMC Children's Hospital has fulfilled this mission since its founding in 1890. UPMC Children's is named consistently to several elite lists of pediatric hospitals, including ranking in nine of the 10 pediatric subspecialties on the prestigious U.S. News & World Report annual Honor Roll of America's Best Children's Hospitals for 2019–2020.

Specialties and special services

Some of UPMC Children's key clinical services include the Brain Care Institute, recognized internationally for its diagnosis, treatment, and research into diseases and conditions of the brain and spinal cord; the Heart Institute, ranked #3 in the U.S. by U.S. News & World Report (2019-20); the Center for Rare Disease Therapy, which focuses on treating children with rare diseases as defined by leading standards of care, pioneering protocols, novel therapeutic modalities, and individualized services for optimal outcomes; and the Hillman Center for Pediatric Transplantation, which has performed more transplants in infants and children than any center of its kind, achieving outcomes that are among the best in the world. UPMC Children's also offers a Second Opinion Service that provides access to its full staff of pediatric specialists to help physicians and families determine whether traveling to Pittsburgh for care is a necessary step to take.

Cincinnati Children's Hospital Medical Center

Overview

Cincinnati Children's Hospital Medical Center is a full service, nonprofit pediatric academic medical center globally recognized for excellence in patient care, training, education, and research. Established in 1883, Cincinnati Children's has 700 registered beds and is the second largest recipient of National Institutes of Health (NIH) grant funding for pediatric research. It is ranked third in the nation among all Honor Roll hospitals in the 2019-20 U.S. News & World Report listing of Best Children's Hospitals.

Specialties and special services

Cincinnati Children's is ranked in the top 6 in all 10 specialties ranked by U.S. News & World Report. Cincinnati Children's nursing staff has achieved Magnet® redesignation by the American Nurses Credentialing Center, the highest honor an organization can receive for professional nursing practice. Its Department of Pediatrics, affiliated with the University of Cincinnati College of Medicine, is ranked third as a U.S. medical school in 2018-19 U.S. News and World Report listing of Best Graduate Schools. They train over 200 residents and offer residency, fellowship, and post-doctoral education programs, making Cincinnati Children's one of the largest and most specialized pediatric training programs in the United States.

Cleveland Clinic

Overview

Cleveland Clinic, located in Cleveland, Ohio, is a not-for-profit, multispecialty academic medical center that integrates clinical and hospital care with research and education. Cleveland Clinic facilities can be found throughout the world including in Abu Dhabi, United Arab Emirates.

Specialties and special services

Cleveland Clinic ranked No. 4 on the Best Hospitals Honor Roll. It is nationally ranked in 15 adult and 9 pediatric specialties and rated high performing in 9 adult procedures and conditions. It is ranked #1 for Cardiology and Heart Surgery, #2 for Rheumatology, #3 for Gynecology, #4 for Gastroenterology & GI Surgery, #4 for Nephrology, #4 for Urology, #6 for Cancer, and #7 for Pulmonology & Lung Surgery.

Dana-Farber Cancer Institute

Overview

Dana-Farber Cancer Institute cares for adults and children with cancer, blood disorders, and related diseases. Its specialized treatment centers are staffed by teams of experts who work closely together offering patients the latest therapies, including access to innovative clinical trials. Dana-Farber is a principal teaching affiliate of Harvard Medical School, a U.S. federally designated comprehensive cancer center and the only hospital named in the top 5 for both adult and pediatric cancer care by U.S. News and World Report. Dana-Farber sees approximately 345,000 outpatient visits per year, with 529 faculty including MDs,

PhDs, and MD/PhDs across its main campus and regional satellite locations. Dana-Farber provides multidisciplinary adult and pediatric oncology care in collaboration with Brigham and Women's Hospital for adults and Boston Children's Hospital for pediatrics.

Specialties and special services

Dana-Farber is the top academic recipient of grant funding from the National Cancer Institute and has the most highly cited research of any leading U.S. cancer center. Scientists from the Dana-Farber/Harvard Cancer Center provided significant leadership in preclinical discovery, clinical development, and definitive clinical testing for 41 of the 100 new cancer drugs that gained FDA approval between 2011 and 2017.

Houston Methodist

Overview

Houston Methodist's reputation for outstanding care, treatments, and research attracts patients from Texas, the United States, and around the world. Houston Methodist is comprised of eight hospitals and 188 care delivery sites: Houston Methodist Hospital, its flagship academic hospital in the Texas Medical Center, seven community hospitals serving the Greater Houston area, including a long-term continuing care facility, as well as urgent care and primary and specialty care clinics. In total, Houston Methodist has 2,312 operating beds, and is responsible for more than 1,200,000 outpatient visits annually. In addition to clinical capabilities, Houston Methodist is home to some of the world's brightest physician-scientists, working in the Houston Methodist Research Institute on more than 800 clinical trials. Houston Methodist's primary academic affiliates include top-ranked Weill Cornell Medicine and NewYork-Presbyterian Hospital. Houston Methodist also has affiliations with the University of Houston, Rice University, Baylor College of Medicine, Texas A&M University and others. Houston Methodist currently has 36 Accreditation Councils for Graduate Medical Education and 7 non-ACGME residency programs, with a total of 267 residents.

Specialties and special services

Houston Methodist is truly leading medicine. Recognized among the top 20 hospitals nationwide by U.S. News & World Report, Houston Methodist Hospital is ranked among the country's top hospitals in nine specialties, and was recognized as "high performing" in all nine procedures and conditions evaluated by U.S. News. Houston Methodist's six multidisciplinary centers of excellence offer world-class care, expert teams of physicians, and the latest approaches and technology available. Houston

Methodist is known for spearheading breakthroughs in heart and vascular services, organ transplantation, orthopedics, cancer treatment, neurology and neuroscience and gastroenterology and GI surgery.

Johns Hopkins Medicine (JHM)

Overview

Johns Hopkins Medicine, headquartered in Baltimore, Maryland, is an \$8 billion integrated global health enterprise and one of the leading academic health care systems in the United States. JHM unites physicians and scientists of the Johns Hopkins University School of Medicine with the organizations, health professionals and facilities of The Johns Hopkins Hospital and Health System. JHM's vision, "Together, we will deliver the promise of medicine," is supported by its mission to improve the health of the community and the world by setting the standard of excellence in medical education, research and clinical care. Diverse and inclusive, JHM educates medical students, scientists, health care professionals and the public; conducts biomedical research; and provides patient-centered medicine to prevent, diagnose and treat human illness. JHM operates six academic and community hospitals, four suburban health care and surgery centers, and 40 primary and specialty care outpatient sites under the umbrella of Johns Hopkins Community Physicians. JHM extends health care into the community and globally through Johns Hopkins Home Care Group, Johns Hopkins Medicine International and Johns Hopkins HealthCare.

Specialties and special services

The Johns Hopkins Hospital is ranked #3 in the United States out of more than 4,600 hospitals reviewed for U.S. News & World Report's 2019–20 Best Hospitals list. The publication also ranked 12 specialties at Johns Hopkins among the top 10 in the nation, with three — Geriatrics, Neurology and Neurosurgery, and Rheumatology —ranked #1. This new overall ranking, when combined with the U.S. News #9 national ranking of Johns Hopkins Children's Center, maintains Johns Hopkins' standing as the nation's top-ranked hospital for patients of all ages. Providing exceptional care for both children and adults means Johns Hopkins specialists can collaborate across age groups, offering seamless integration for patients from pediatrics to adult, and all patients receive the same access to the highest levels of care.

Mayo Clinic
<p data-bbox="982 238 1115 264">Overview</p> <p data-bbox="203 315 1808 423">Mayo Clinic is the first and largest integrated, not-for-profit medical group practice in the world. Mayo Clinic has destination locations in Minnesota, Arizona and Florida. More than 1.2 million people from about 135 countries turn to Mayo Clinic for diagnosis and treatment each year.</p>
<p data-bbox="844 474 1253 500">Specialties and special services</p> <p data-bbox="203 550 1871 735">Mayo Clinic in Rochester, Minnesota is ranked the No. 1 hospital in the United States in U.S. News & World Report's 2019-2020 "Best Hospitals" rankings. The Rochester site is ranked No. 1 in five specialties: diabetes & endocrinology; ear, nose & throat; gastroenterology & gastroenterologic surgery; nephrology; and urology. Mayo Clinic also ranks among the top three hospitals for cancer; cardiology & heart surgery; geriatrics; gynecology; neurology & neurosurgery; orthopedics; and pulmonology & lung surgery.</p>
Massachusetts General Hospital
<p data-bbox="982 824 1115 850">Overview</p> <p data-bbox="203 901 1860 1127">Mass General was named the #2 hospital in America by U.S. News and World Report (2019-2020), and is the only hospital in the nation to be recognized across all 16 medical specialties assessed by U.S. News., a testament to the depth and breadth of expertise at Mass General. The hospital cares for thousands of international patients from more than 140 countries each year at its hospital in Boston. Mass General is the largest and oldest teaching hospital of Harvard Medical School, where virtually all its physicians serve as faculty. Mass General is considered the #1 research hospital in America; it is home to the largest hospital-based research program in the United States with more than \$912 million in annual research funding.</p>
<p data-bbox="844 1177 1253 1203">Specialties and special services</p> <p data-bbox="203 1253 1860 1362">International patients receive care at Mass General for every condition and illness. Patients come to Mass General in search of a definitive diagnosis, a second opinion, complex medical treatment or surgery. Some patients also choose Mass General for innovative clinical trials. Mass General's multidisciplinary physician teams are known globally for innovations in cancer, digestive</p>

disorders, neuroscience, heart disease, orthopedics, transplantation, urologic diseases, psychiatry, trauma care and more. Mass General unites physicians across disciplines to give the most advanced and compassionate care to every adult and child.

Nationwide Children's

Overview

With more than 1.4 million patient visits per year, Columbus-based Nationwide Children's Hospital is the second largest children's hospital in the United States. It is also ranked among the 10 best children's hospitals by U.S. News & World Report. Nationwide Children's has also become a global destination for pediatric health, providing care for hundreds of international families each year. Nationwide Children's Hospital also builds research programs to assure scientific breakthroughs help children everywhere, and is training the next generation of physicians, scientists, and health care professionals.

Specialties and special services

To ensure accommodations are seamless and appropriate, Nationwide Children's Hospital accounts for all aspects including coordination of appointments and care, financial resources, and any individual patient and family needs. From arrival to a safe transition back home, its goal is to offer quality care and support that fulfills each family's unique needs.

Signature specialties include: Cancer; Cardiology and Heart Surgery; Colorectal Surgery; Diabetes & Endocrinology; Gastroenterology; Infectious Diseases; Interventional Radiology; Neonatology; Nephrology; Neurology and Neurosurgery; Orthopedics; Pediatric Surgery; Plastic and Reconstructive Surgery; Pulmonary Medicine; Transplant; and Urology.

NewYork-Presbyterian

Overview

NewYork-Presbyterian Hospital is a world-class academic medical center committed to excellence in patient care, research, and education. Based in New York City, it is one of the nation's largest and most comprehensive hospitals, dedicated to providing the highest quality, most compassionate care and service to patients in the New York metropolitan area, nationally, and throughout the globe. In collaboration with two renowned medical schools, Weill Cornell Medicine and Columbia University College of Physicians and Surgeons, NewYork-Presbyterian is consistently recognized as a leader in medical education, groundbreaking research, and innovative, patient-centered clinical care.

For 2019, NewYork-Presbyterian Hospital ranks No. 5 in the nation and No. 1 among all hospitals in New York. According to the annual survey conducted by Castle Connolly Medical Ltd. and published in America's Top Doctors, more physicians from NewYork-Presbyterian were named to America's Top Doctors than from any other hospital in the nation.

Specialties and special services

NewYork-Presbyterian ranks in the top 5 nationwide in cardiology and heart surgery, neurology/neurosurgery, psychiatry, gynecology, nephrology, and rheumatology, a collaborative program with the Hospital for Special Surgery. NewYork-Presbyterian is one of the most comprehensive hospitals in the country and features top specialists in cancer, digestive diseases, transplant, diabetes, ENT, orthopedics, urology, gynecology, and ophthalmology.

Penn Medicine

Overview

Penn Medicine, part of the University of Pennsylvania, consists of comprehensive adult specialties including Hospital of the University of Pennsylvania [HUP], the nation's first teaching hospital founded in 1874. Now Penn Medicine is a \$8 billion enterprise, employing over 40,000 people in six acute-care hospitals and state-of-the-art outpatient facilities, including cutting-edge research towers, in the city of Philadelphia and throughout the region. Throughout the decades, the campus has undergone redevelopment that has seen creation of a vast, interconnected clinical, research, and educational complex that has expanded the footprint of the Nation's First Teaching Hospital, Hospital of the University of Pennsylvania, and its neighbors and collaborators at Children's Hospital of Philadelphia. Today, Penn Medicine celebrates with the World, a groundbreaking scientific discovery in immunotherapy. Immunotherapy of CAR T is changing the way they treat cancer patients at Penn Medicine. In our country's rapidly changing health care environment, Penn Medicine remains the Leader in Clinical Care, Scientific Research, and Education as part of the University of Pennsylvania. Penn Medicine recruits world class faculty, and invests in their research, clinical expertise, and training of the future scientists and clinicians.

Specialties and special services

Penn Medicine has worked with medical providers from around the world in treatment of complex cases and specializes in the clinical fields of oncology, neurosciences, otorhinolaryngology, TransOralRobotic Surgery (TORS), cardiovascular care, advanced orthopedic care and women's health, among other specialties.

Philadelphia International Medicine (PIM)

Overview

Since 1999, Philadelphia International Medicine has helped patients from around the globe connect with leading doctors and hospitals. PIM provides international patients and physicians access to an extensive network of world-renowned doctors, surgeons, and hospitals that deliver personalized medical, surgical, and rehabilitative care ranked among the best in the world. PIM's current network of nine health systems includes Jefferson Health, Temple Health, Fox Chase Cancer Center, as owner organizations and affiliate healthcare organizations include Wills Eye Hospital, Rothman Orthopedics, the Vincera Institute, Main Line Health, Magee Rehabilitation Hospital, and the Renfrew Center.

Specialties and special services

PIM's component hospitals are well-regarded and offer a wider variety of medical care. For instance, Thomas Jefferson Hospital is highly ranked in 10 specialty areas and is one of the best hospitals in Pennsylvania. Another member of PIM's network, Temple Health performed 144 lung transplants in 2018, making it the number #1 volume program in the nation according to United Network for Organ Sharing (UNOS). Wills Eye Hospital, one of the crown jewels of PIM, is ranked #2 nationally for ophthalmology.

Texas Children's Hospital

Overview

Texas Children's Hospital, located in Houston, Texas, is a not-for-profit organization whose mission is to create a healthier future for children and women throughout the global community by leading in patient care, education, and research. With 940+ beds, Texas Children's Hospital spans across three campuses (Texas Children's Hospital at Medical Center, The Woodlands, and West Campus) and has 2,000 faculty, residents, and fellows. Texas Children's Pediatrics also provides pediatric primary care with more than 200 board-certified, expert pediatricians over 50 Houston-area locations.

Specialties and special services

Texas Children's Hospital is consistently recognized as one of the nation's best children's hospitals by U.S. News & World Report, and is one of only 10 children's hospitals to achieve Honor Roll designation by being highly ranked in many specialties.

Clinical services include:

- Pediatric services: provides care in more than 40 pediatric sub-specialties
- Neonatal Intensive Care Unit: a level IV NICU, the highest level of care available for premature and critically-ill newborns
- Special Isolation Unit (West Campus): designed specifically for children with highly contagious infectious diseases, such as Ebola and Middle East Respiratory Syndrome (MERS)
- Texas Children's Fetal Center: one of only a few worldwide to offer a full spectrum of fetal diagnostic and intervention therapies
- Pavilion for Women: a comprehensive obstetrics/gynecology facility focusing on high-risk births; designated a level IV maternal care facility, the highest level of care available
- Family Fertility Center: providing the most advanced fertility treatments available today to help families conceive

UChicago Medicine

Overview

UChicago Medicine is at the Forefront of Medicine. Dating back to 1927, UChicago Medicine one of America's leading academic medical institutions. Today, UChicago Medicine operates 4 inpatient facilities where over 44,000 patients are admitted per year, 8 ambulatory care facilities, and 43 operating rooms where 26,000 surgical cases are performed annually. Additionally, UChicago Medicine has been recognized for their excellence and earned Magnet® recognition for excellence in nursing, an "A" in patient safety from the Leapfrog group for 14 consecutive periods, and seven specialties ranked nationally by U.S. News & World Report.

Specialties and special services

UChicago Medicine offer a full range of specialty cares for adults and children and has Centers of Excellence in cancer care, digestive diseases, neuroscience, heart and vascular, orthopedics, women's health, transplant, and pediatrics.

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