

The Nebraska Medical Center

International Healthcare Services






The Nebraska Medical Center

International Healthcare Services

**International Healthcare Services at
The Nebraska Medical Center provides the provide
the best available patient care and education to
countries around the world.**

Objectives:



Training/Education

**International
Healthcare
Partnerships**



**Extraordinary
Patient Care**

Referrals, Second Opinions, Latest technology

The Nebraska Medical Center

Our Goals



Patient Care

Education

Research

1. International patient care
2. Collaborative strategic international partnerships
3. Education and Training
4. Nursing education: Advanced degree & certification
5. Telemedicine: Tele-pathology, tele-genetics
6. Expert medical consults – electronic and on-site
7. Provide expertise in establishment of Cancer and Transplant Centers
8. Co-branding programs
9. Research Collaborations

The Nebraska Medical Center

About The Nebraska Medical Center / UNMC

- Established in 1869 - 140 years of patient care & educational experience
- UNMC is located on 112 acres (over 45 hectares)
29 Major medical, educational and administrative buildings
- UNMC has 689 licensed beds, 24 Operating Rooms
- Hospital doctors operate more than 300 outpatient clinics in 100 communities in 5 US states



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About The Nebraska Medical Center / UNMC

America's leading centers in:

- Cancer Center
- Transplantation Center
- Cardiovascular Center
- Neurosciences Center
- Genetics pain management
- Diabetes center
- Bioterrorism preparedness and bio-containment



The Nebraska Medical Center

Serious Medicine. Extraordinary Care.

Accreditation and Certification:


- Joint Commission
- NCCN designated Cancer Center
- Chest Pain Center
- Certified by Joint Commission for Stroke and Acute Myocardial Infarction and Heart Failure
- Radiation Oncology Services by American College of Radiology (ACR)



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About The Nebraska Medical Center / UNMC

- 10,100 specialists and workers including:
 - Over 1,000 physicians
 - 1,550 Nurses
 - 7,000+ therapists, researchers, students, technicians, administrators and employees



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About The Nebraska Medical Center / UNMC

Distinctive Reputation

- *US News & World Report* rated TNMC as one of the “Best Hospitals” for Cancer Care & Neurology in the USA
- Best Technology Recognition
100% grade for Medical Technology
(*US News & World Report*)
- J.D. Cardiovascular hospital of distinction
- Named Stroke Center of Excellence from *NeuStrategy*
- Performing Kidney Transplants for 34 years
One of the busiest transplant centers in the USA
- Five Years in a row, JD Power & Associates Award for Excellence in Patient Care



About The Nebraska Medical Center / UNMC

The Nebraska Medical Center



192 of the "Top Doctors" in USA
("Best Doctor's" Organization Annual Survey)

Magnet Award
Extraordinary Nursing Care

Highest level of recognition by
the American Nurses
Credentialing Center



About The Nebraska Medical Center / UNMC

The Nebraska Medical Center

- Pioneer in Peripheral Stem Cell Transplant since 1983 (*Dr. Anne Kessinger*)
- Leaders in Living-related Kidney & Liver Transplantation
- First to create Combined Liver/Small Bowel Transplant Program
- First "Frozen Elephant Trunk" procedure in North America (2006)
- First combination heart transplant / aortic aneurysm repair in North America (2006)
- Our team lead WHO's New Lymphoma Classification Group





Dr. Anne Kessinger



About The Nebraska Medical Center / UNMC

The Nebraska Medical Center

- Over 12,000 Transplants completed
- Over 3,800 Bone Marrow/Stem Cell Transplants
- One of the three most active Pancreas and Kidney/Pancreas Transplantation programs in USA
- UNMC/Eppley Center is one of the 21 NCCN designated centers
(National Comprehensive Cancer Network)
- One of only four USA HHS-recognized Intestinal Transplant Centers in the USA



About The Nebraska Medical Center / UNMC

The Nebraska Medical Center

- 14-story, 259,000 sq. ft. facility (24,062 sq. meters)
- World model for cancer care and transplantation
- State-of-the-art Cancer Center open 24 hours a day
- 88 patient care well appointed guest suites
 - separate sleeping and living areas,
 - a kitchenette,
 - private bathroom
 - a home-like environment to help the patient and health-care providers to focus on treatment, care and recovery.



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About The Nebraska Medical Center / UNMC



Neonatal Intensive Care Unit



State-of-the-Art: MEG



Nebraska Medical Center Hospital



McGoogan Library of Medicine

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About The University of Nebraska Medical Center

- **College of Medicine** – offers 17 specialties and 13 subspecialties; one of the most advanced medical education buildings in the United States.
- **College of Nursing** – offers baccalaureate, masters in 9 specialties, and doctoral nursing program; offers a variety of degrees through distance technology.
- **College of Pharmacy** – doctorate of pharmacy degree
- **School of Allied Health Professions** – 10 programs.
- **College of Public Health** - offers masters and doctor programs:





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About The University of Nebraska Medical Center

518 Students from 48 countries at UNMC today

China
India
South Korea
Canada
Germany
Russia
Brazil
UK
Egypt
Philippines
Romania
Taiwan
Australia
Columbia
Hungary
Israel
Netherlands
Peru
South Africa
Syria
Thailand
Trinidad
Argentina
Austria

Belgium
Congo
Croatia
El Salvador
France
Greece
Guatemala
Iran
Italy
Jordan
Latvia
Lithuania
Madagascar
Malaysia
Nepal
Nigeria
Pakistan
Poland
Sri Lanka
Sweden
Switzerland
Turkey
Uruguay
Zambia

Country	Percentage
China	32%
India	18%
Other	28%
Japan	5%
South Korea	5%
Russia	4%
Germany	4%
Canada	4%

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Specialty Program: Research Collaborations

Research Collaborations

Research Interests:

- Biochemistry
- Bioinformatics
- Cancer Biology
- Cardiovascular Biology
- Cell Biology
- Developmental Biology
- Genetics, Gene Therapy
- Immunology
- Microbiology
- Molecular Biology
- Neuroscience
- Neurodegenerative Disorders
- Physiology
- Receptors & Signal Transduction
- Stem Cell Biology
- Teratology
- Toxicology
- Virology

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Research: New Vaccine Technology

- Lymphoma
- Parkinson's Disease
- Nicotine, other Addictions
- Breast Cancer
- Prostate Cancer



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Some of our newer facilities



The Nebraska Medical Center



Collaborative Partnerships with International Institutions



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118 Partnerships in 44 Countries

220+ Visited Institutions in 57 Countries



- Afghanistan
- Argentina
- Armenia
- Bahrain
- Bangladesh
- Brazil
- Bulgaria
- Canada
- Chile
- China
- Egypt
- Estonia
- Guatemala
- Honduras
- Hong Kong
- India
- Iraq
- Israel
- Japan
- Jordan
- Kosovo
- Lithuania
- Malaysia
- Mexico
- Nicaragua
- Nigeria
- Pakistan
- Panama
- Philippines
- Poland
- Portugal
- Russia
- Saudi Arabia
- Singapore
- South Africa
- Spain
- Sri Lanka
- Tanzania
- Thailand
- Ukraine
- United Arab Emirates

The Nebraska Medical Center

International Patient Care Services

Treating patients with **warmth** and compassion



Customized International Patient Relations

Courteous, professional, extraordinary care

Serious Medicine. Extraordinary Care.

Patient-Centered Care

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International Patient Care Services

Assistance with all of patient's and family's needs. Treating patient with warmth and compassion.

- Review of medical records and consultations
- Doctor's appointments and patient coordination
- Updating referring physicians
- Language translation and interpretation
- Accommodation and transportation
- Cost estimates, financing, and billing
- Special diets
- Concierge services
- Local and international air ambulance services
- Sensitivities to cultural and religious differences



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International Healthcare Services

Helped 100's of Patients from 34 Countries



- Afghanistan
- Lebanon
- Brazil
- Mexico
- China
- Nigeria
- Bahrain
- Norway
- Canada
- Philippines
- Egypt
- Portugal
- Gabon
- Romania
- Greece
- Saudi Arabia
- Honduras
- Spain
- India
- Sweden
- Iran
- Syria
- Israel
- Tanzania
- Italy
- Thailand
- Japan
- Uganda
- Kenya
- United Kingdom
- Korea
- USA
- Kuwait
- Vietnam

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International Healthcare Services

FY 2008/9: Patients from 21 Countries to TNMC

- Afghanistan
- Australia
- Canada
- Columbia
- Czech
- Guam
- India
- Ireland
- Japan
- Kenya
- Kuwait
- Lebanon
- Mexico
- Pakistan
- Saudi Arabia
- South Africa
- Spain
- Sweden
- Thailand
- USA
- Yemen

International Patients





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International Patient Care: Housing



Potter's House – historic home restoration

- Project with Omaha Symphony and ASID
- This beautiful residence helps house US and International Patients in homelike surroundings



The Nebraska Medical Center

Customized Educational and Training Programs



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International Healthcare Services

Introduction of No-Cost Training Programs with Other Institutions

Great tool for establishing relationships

Featured customized partner training opportunities include:

Phase I

Training At UNMC in Nebraska (1 – 2 weeks)

Phase II

Training at our Partners' Facilities (8-10 Days)

Phase III

Year-Round Exchange Programs

Phase IV

Extended Advanced Training

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Observation Training Programs

What does our program include?*

- Customized Training Curriculum
- Completion Certificate
- Observational Instruction
- Accommodations
- Meals at Medical Center
- Airport Transfers, Tourism, etc.
- Internet Access and Business Center
- Access to Fitness Center
- Access to Medical Library

Training Financial Assistance:
** Scholarships for above available except for Airfare to/from country's hospital*

English fluency required

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International Healthcare Services

Opportunities for TNMC Healthcare Professionals Carefully planned exchange programs

- **Allows TNMC Healthcare Professionals/ nursing exchange at The Nebraska Medical Center with partner institutions:**
 - To strengthen nursing patient-centered care
 - Allows first hand experience with cultural competency and cross-cultural communication skills
- **To provide our nursing staff a 2-week international experience**






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International Healthcare Services

Training Participant Facts: Nurses, Doctors, Pathologists, Radiologists, Administration

- 123 professionals from China, Japan, Saudi Arabia, Bangladesh, India, Norway, Egypt, Panama, Poland, Estonia, Malaysia, Bahrain, Afghanistan, Argentina, Kenya, Brazil, Lithuania, Guatemala, Portugal, Spain
- Expecting teams from Guatemala, Panama, Brazil, Chile, Spain, Portugal, Thailand, India, KSA, Mexico & Egypt
- We've sent 26 teams to our partner institutions




Japanese Nurses at TNMC

TNMC Healthcare Team in India



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Telemedicine

Expert Medical Consult






- Tele-Health
- CME Curriculum
- Tele-Education
- Allied Health
- Nursing
- Specialized Programs to suit our partners' needs





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International Healthcare Services



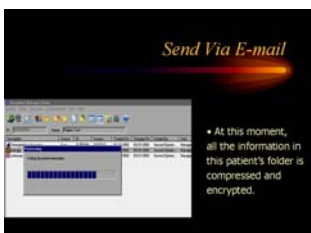
Electronic 2nd Opinion: Doctor-to-Doctor

- Web-based software: secured user access
- State-of-the art web-based electronic consultation available for partner institutions
- Upload images and patient information. Automatically encrypted and zipped – sent via the internet
- Confidential medical history:
 - Electronic medical reports with treatment options, and/or diagnostics
 - Upload images such as MRI, X-ray, Ultrasound
 - Upload medical history
 - Automatically encrypted and zipped
- Results in written report:
 - Available 24 to 96 hours
 - Unless specified otherwise
- A patient bed conference available via video conferencing
- Treatment offers without leaving home for everyone
- Results sent back within 72-96 hours via e-mail, fax, or video conferencing

View Images




Send Via E-mail



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Featured Education: *Distance Learning*

- **Nursing programs to advanced degree**
- **Certification and online educational modules in:**
 - Oncology
 - Critical Care
 - Transplant
 - Neurology
 - Neonatal
 - Healthcare Business Management
 - Electronic Medical Records
 - Finance
 - Delivery Systems (USA)
 - Strategic Planning Project Management
 - Operations Management



Highest level of recognition by the American Nurses Credentialing Center

•English fluency required

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International Healthcare Services

Tele-Pathology/Genetics

- There is a significant opportunity to develop a Tele-Pathology/Genetics program
- Programs in the Mexico, Middle East and India
- First Phase: To start a Collection Center – scan the blocks and electronically transmit to TNMC for review by our Specialists; Complicated cases to be sent to TNMC
- Second Phase: To set up a small lab in host country
- Currently in discussions with Pathology, Genetics, Pharmacy to establish viability and develop financial take-offs
- Have identified potential partners in India, Mexico and KSA





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Expert Medical Consult: *Genetics*

Sample molecular diagnostics available

- **World renowned genetic testing for oncology diseases**
- **Oncology/FISH Tests**
 - Childhood Acute Lymphocytic Leukemia (ALL)
 - Chronic Myeloid Leukemia (CML)
 - Chronic Lymphocytic Leukemia (CLL)
 - Myelodysplastic Syndrome (MDS)
 - Acute Myeloid Leukemia (AML)
 - Multiple Myeloma (MM)
 - Eosinophilia
 - Solid Tumor
 - Lymphoma
 - Sarcoma
 - Breast Cancer
 - Bladder Cancer
 - Neuroblastoma
 - Rhabdomyosarcoma
 - Neurological Cancer

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TNMC Intra-Institutional Programs

Our Department facilitates culturally competent organization by trans-cultural learning for healthcare professionals:

- Diverse religious, financial and social sensitivities
- Host Seminars and Luncheons
- Learn the basics of communication with other countries
- How to elicit questions/answers from patients from other cultures
- Small talk
- Dietary
- Invite speakers in the Omaha's international community
- Organize participation from speakers from other countries





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مستشفى الملك فهد التخصصي بالدمام
King Fahad Specialist Hospital-Dammam



Collaboration with The King Fahad Specialist Hospital Dammam

- Ministry of Health Hospital
- Training and Education MOU signed in October 2009
Solid Organ Transplantation, Surgical Oncology, Epilepsy,
Radiology, Radiation Oncology, Pathology, Pharmacy

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2nd Phase: Co-Branding Programs

Purpose:

- To develop collaborative practice sites
- Create and establish long term sustainable programs

To form true joint ventures in the areas of:

- Stem Cell Transplantation
- Solid organ Transplantation
- Oncology
- Epilepsy Treatment
- Neurological Surgery Centers
- Minimally Invasive Surgery
- Whiplash Surgery



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International Healthcare Services

Nursing Leadership Conference, Mumbai, India









The Nebraska Medical Center

Specialty Program: Research Collaborations

Established Research Collaborations in China and India

Research Interests:

- Biochemistry
- Bioinformatics
- Cancer Biology
- Cardiovascular Biology
- Cell Biology
- Developmental Biology
- Genetics, Gene Therapy
- Immunology
- Microbiology
- Molecular Biology
- Neuroscience
- Neurodegenerative Disorders
- Physiology
- Receptors & Signal Transduction
- Stem Cell Biology
- Teratology
- Toxicology
- Virology



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International Healthcare Services

Establishment of India & Japan Offices

- Established an office in Tokyo, in collaboration with the NE DED, DOA & other private enterprises
- Established a representatives office in New Delhi, India
- Services include patient care collaboration, 2nd opinion, Patient referrals



New Delhi, India



Tokyo, Japan

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Dignitaries Visits



*With President Ramos
of the Philippines*

- We've visited or have had visits from: Presidents of Taiwan & Korea, Ex-President of the Philippines, Ministers of Health for India, Bangladesh, Mexico, Guatemala, Malaysia, Singapore, KSA, Deputy Minister of Health of Japan, Egypt, various other Ministers, Secretaries, Ambassadors, and Governors in over a dozen countries
- NE Senators and Governor's Support – traveled 5 times to Asia, South America and Russia



*With Senator Mike
Johannes, Nebraska*

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Summary - Objectives:

- (i) Establish long-term relationships with our partner institutions in Training, Education, Research and Exchange Programs
- (ii) Provide Training and Education opportunities to healthcare providers and specialists so that a greater number of patients can receive latest treatment in their own countries
- (iii) Establish "comfort-levels" between our specialists and specialists at our partner institutions, for easy exchange of information for our partners' patients with complicated cases
- (iv) Create united efforts in patient-care, education, and research
- (v) To help establish true collaborative joint ventures for specialty programs that can be sustainable
- (vi) Develop Administrative and Management Programs



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International Healthcare Services



Thank you

