UNMC Mission

To educate health professionals and to improve the health of the citizens of Nebraska and the region through excellence in research, patient care, and outreach to underserved populations.
U.S. Healthcare

- 48 million uninsured
- 130 million lack dental insurance

U.S. Healthcare

- 900,000 Emergency Department visits
- 13,000 hospital stays due to dental disease
- Main diagnosis in 63% of cases - dental abscess

Workforce

Dentists per 100,000 Population, Nebraska 2008 - 2012

Telehealth

The delivery of health-related services and information via telecommunications technologies.
Telehealth Services

- Specialist referral/consultation services
- Consumer medical and health information
- Health care research
- Management and administration services
- Direct patient care
- Home health care or remote patient monitoring
- Supervision of direct care services
- Health care provider continuing education
Telehealth

According to a recent survey, nearly three-quarters of U.S. consumers say they would use telehealth.
Telehealth

Who’s using it?

Military Telehealth

Dr. Sanjay Gupta
Telehealth

Walmart Health Screening Stations Touted as Part of ‘Self-Service Revolution’
Teledentistry

The use of information technology for dental consultation, education, public awareness, and care.
Teledentistry Consultation
Telehealth Equipment

- Telehealth Cart
- Tablet
- Web Cam
- Microphone
How to Use a Telehealth Cart

1. Turn on the power switch
How to Use a Telehealth Cart

2. Connect the camera

Extraoral
A
(S-Video)
The Telehealth Cart Remote

3. Press the call button on the remote

The Call Button  The End Call
The Telehealth Cart Controls

A. Audio Settings
B. View Settings
C. Camera Controls
NEBRASKA TELEDENTISTRY SITES

http://unmc.edu/dentistry/teledentistry.htm

Ainsworth
Brown County Hospital

Burwell
Loup Basin Public Health Department

Chadron
Community Action Partnership of Western Nebraska [CAPWN]

Columbus
East Central District Health Department
Good Neighbor Community Health Center

Gering
Community Action Partnership of Western Nebraska [CAPWN]

Lincoln
People's Health Center

Macy
Carl T. Curtis Health Education Center

Norfolk
Norfolk Community Health Care Clinic

North Platte
West Central Health Department

Omaha
UNMC Pediatric Dental Clinic
Children's Hospital
Telehealth

Vidyo

Connect the Web cam and microphone to the computer
Vidyo

Open Vidyo Program from your desktop

Double click on the Vidyo icon on your desktop.
Vidyo
UNMC Vidyo Portal and login
Vidyo

Two methods of calling
Vidyo
Conferencing interface
Using the Intraoral Camera with Vidyo
HIPAA Compliant

• Encryption – telehealth and videoconferencing units encrypt the data that is transmitted out and un-encrypts data where data is received.

• Dedicated lines or Private Networks (NE Statewide Telehealth Network) are utilized.
To Schedule a Teledentistry Consult

Call the College of Dentistry
Ashley Merritt - (402) 472-1116  OR email: teledent@unmc.edu

Provide the following information:

• Patient information/office contact
• Type of consult needed
• Insurance/consent information