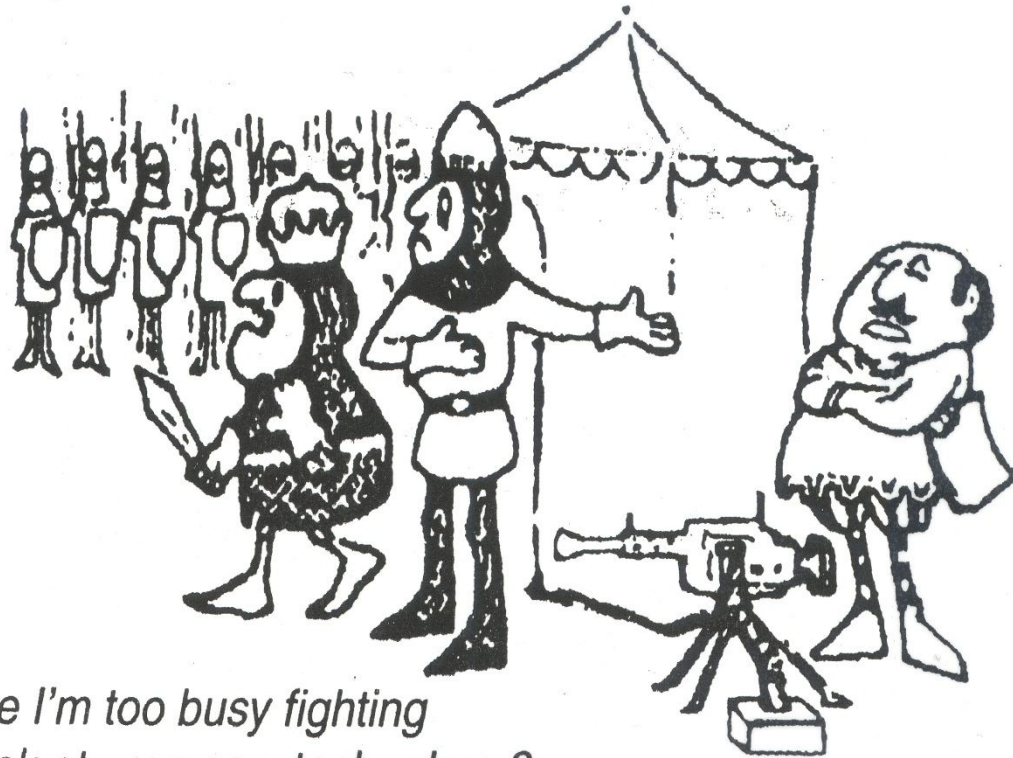




MAGIC Global e-Health Ground Rounds

**Global Orthopaedic Research
and Education Network (GOREN)
September 20, 2016**

“Orthopaedic surgeons are often too busy to look at new technology.” Chadwick F. Smith, MD



*Can't you see I'm too busy fighting
a battle to look at your new technology?*

Reflection on the Past of International Videoconferencing for Orthopaedics

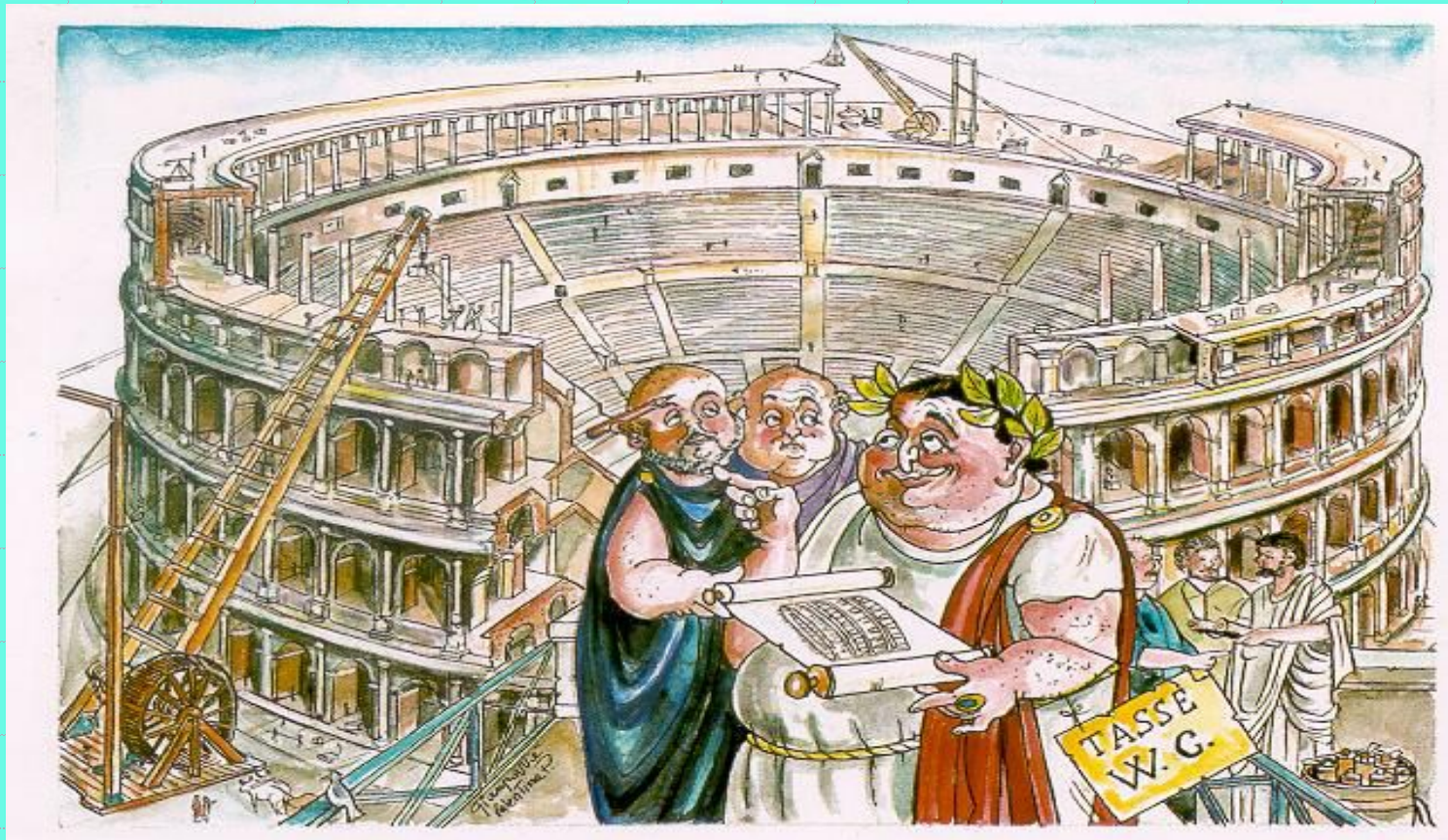
- ◆ In 2001 Chadwick F. Smith, MD was named President, SICOT/SIROT 2002 XXII Triennial Congress which was to be held in San Diego. He chose the theme of soaring with science and technology.
- ◆ It all started when Chad asked me to organize a science and technology session.

W. Edward Johansen, MSEE, JD



- ◆ Adviser to Health Sciences Initiative, Internet2
- ◆ Member, Internet2 Health Sciences Advisory Group
- ◆ Organizer, California Orthopaedic Research Network (CORN)

**In August 2001 I showed Wayne H. Akeson, MD and Chad
my plan for a session on Internet2 applications to
orthopaedic surgery at SICOT/SIROT 2002 XXII Triennial
World Congress**



California Orthopaedic Research Network (CORN)

- ◆ Orthopaedic surgeons, information technologists and educators from Internet2, USC, UCLA, Stanford University and UC San Diego launched the California Orthopaedic Research Network (CORN) at the SICOT/SIROT 2002 XXII Triennial World Congress on August 29, 2002.

2002

- ◆ October 28 Internet2 formed the Orthopaedic Surgery Working Group (OSWG) at the 2002 Internet2 Fall Member Meeting in Los Angeles.
- ◆ October 29 OSWG and CORN delivered a “live” telecast of hand surgery at a UCLA operating room to an audiences at the 2002 Internet2 Fall Member Meeting, Stanford University and UCLA.

Members of CORN during the 2002 Internet2 Fall Member Meeting





OSWG and CORN delivered a “live” telecast of hand surgery from a UCLA operating room. Images of digital anatomy from Stanford’s SUMMIT were transmitted to an audience at the Los Angeles Regency Hotel and a group of medical students at UCLA Visualization Portal.



INTERNET[®]

2003

- ◆ February 5 Meeting to discuss Internet2 Applications to Orthopaedic Surgery at the AAOS meeting.
- ◆ April 2 Presentation at CUDI's meeting in Ensenada
- ◆ April 4 Videoconference from Stanford University to Chennai



2005

- ◆ Internet2 demonstration of its Applications to Orthopaedic Surgery at SICOT Conference in Buenos Aires
- ◆ Beginning a series of Global Forums on Road Traffic Trauma in conjunction with the Global Development Learning Network (GDLN) of the World Bank Institute, SICOT & Internet2

2006

- ◆ December 5 Global Forum on Road Traffic Trauma in conjunction with the GDLN, SICOT and Internet2
- ◆ December 5 discussion on cardiology from the H. E. J. Research Institute at the University of Karachi as seen at the McCormick Place



Discussion on road traffic trauma from Shanghai Jiatong University as seen at the McCormick Place in Chicago on December 5, 2006 (Jan Zanetis, Tandberg USA, photographer).



Discussion on cardiology from the H. E. J. Research Institute at the University of Karachi as seen at the McCormick Place on December 5, 2006.



“Live” telecast of shoulder during arthroscopic shoulder surgery from an operating room at Columbia University Medical Center as seen at the McCormick Place on December 6, 2006.

2011

- ◆ February 12 the International Symposium on Pediatric Orthopaedic Hip Trauma with venues at the University of Connecticut, King Edward Medical University in Lahore, State University of Rio de Janeiro, University of Colorado in Denver, Muhimbili Orthopaedic Institute in Dar es Salaam and the National Library of Medicine



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