

# Telemedicine & Future of the libraries and librarians



## **Dr. Sirous Momenzadeh:**

Librarian and Physician, Pain Specialist,

Dean of Central Library of Shahid Beheshti Medical University(SBMU), Tehran, Iran,

Email : [smomenzadeh@sbmu.ac.ir](mailto:smomenzadeh@sbmu.ac.ir)

## **Dr. Fatemeh Nematollahi:**

Physician, Clinical Researcher of Telemedicine,

OB-Gynecologist, Tehran, Iran,

Email : [Nematollahi\\_f@yahoo.com](mailto:Nematollahi_f@yahoo.com)

As we know about future libraries, it seems that the Libraries , as physical space is becoming less relevant.

Over time the electronic resources of the libraries will continue to shrink dramatically. This has already happened periodical .

There are a few hundred titles still kept in physical form in the library, tens of thousands are electronic, accessible from anywhere. The books are quickly headed in the same direction.



Present paper describes multidimensional necessities about the dynamic reference desk to gather quality information needed for academic as well as practice and research needs of consultant doctors, resident medical officers and housemen, nursing staff, paramedical staff and panel doctors approved for the electronic communication of the physician and the patient that means Telemedicine.



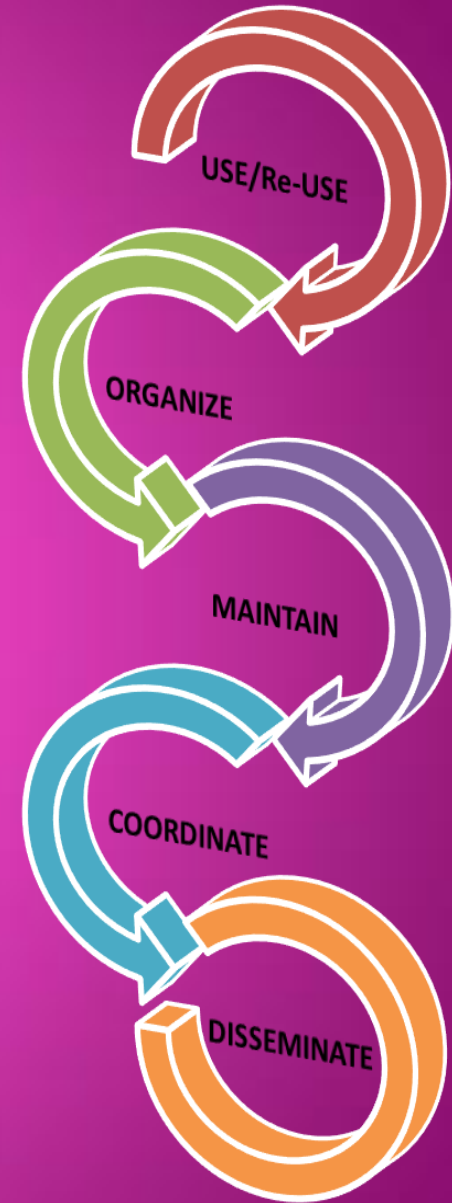
**Medical library is the main skeleton of Medicine and also  
Telemedicine** .

**All activities that we do in telemedicine should be reliable and  
reference based since it will propagate soon in global web.  
The quality of health care services and patient care depends  
upon the preparation, knowledge, attitude and professional  
competencies of doctors and nurses. They should keep abreast  
with changing needs of society and equipped with up-to-date  
knowledge.**



# Digital curation

- **Digital curation** is the selection, preservation, maintenance, collection and archiving of digital assets.
- Digital curation is generally referred to the process of establishing and developing long term repositories of digital assets for current and future reference by researchers, scientists, historians, and scholars. Enterprises are starting to utilize digital curation to improve the quality of information and data within their operational and strategic processes.



This is a good thing. Our patrons have more resources at their fingertips than ever. Bad thing for the librarians is that they don't have to walk in the door. They are more powerful because they have become part of a 'distributive system', they share their resources with many other libraries. But they want to be more than distribution centers.



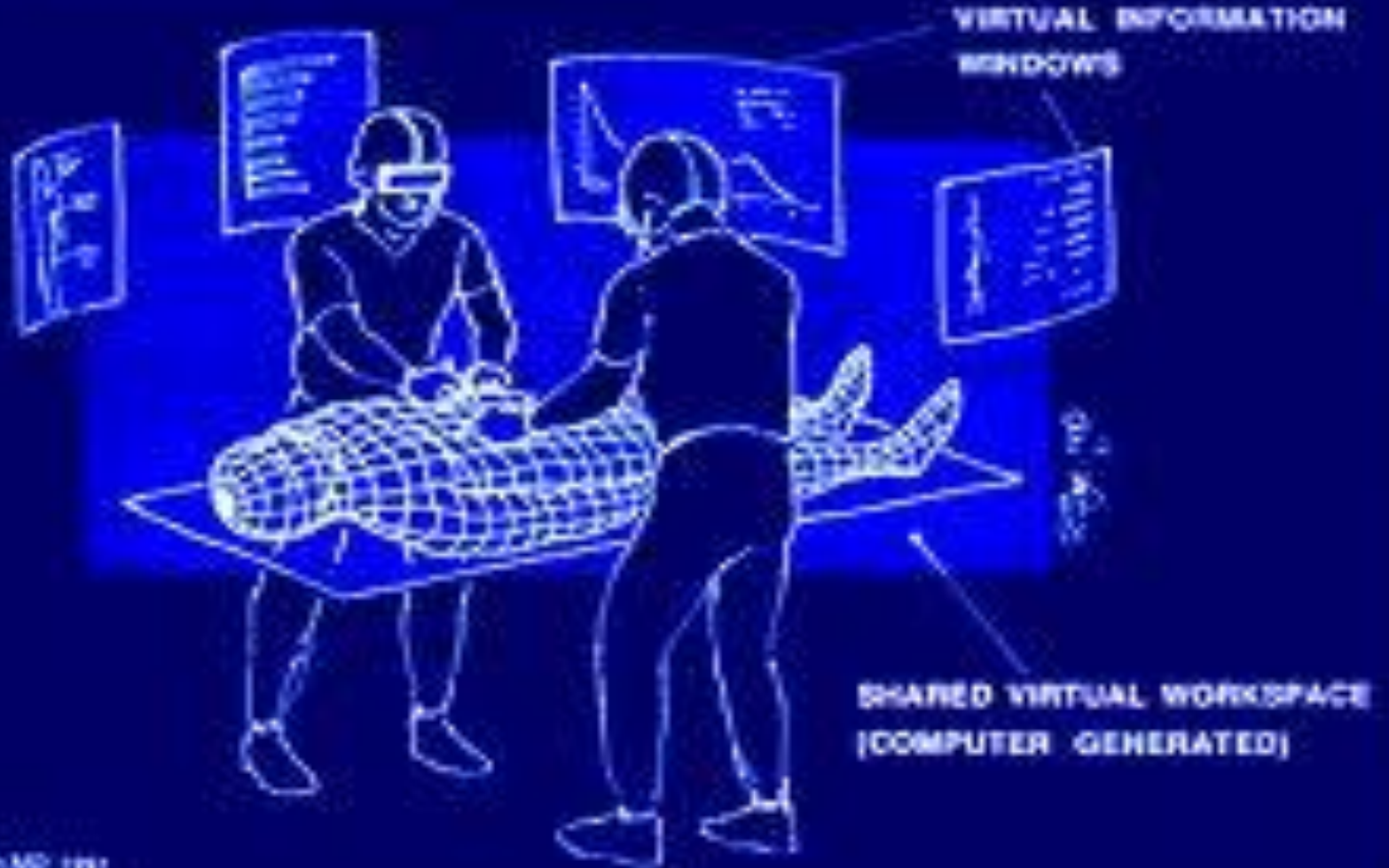


SSH  
Society for Simulation in Healthcare



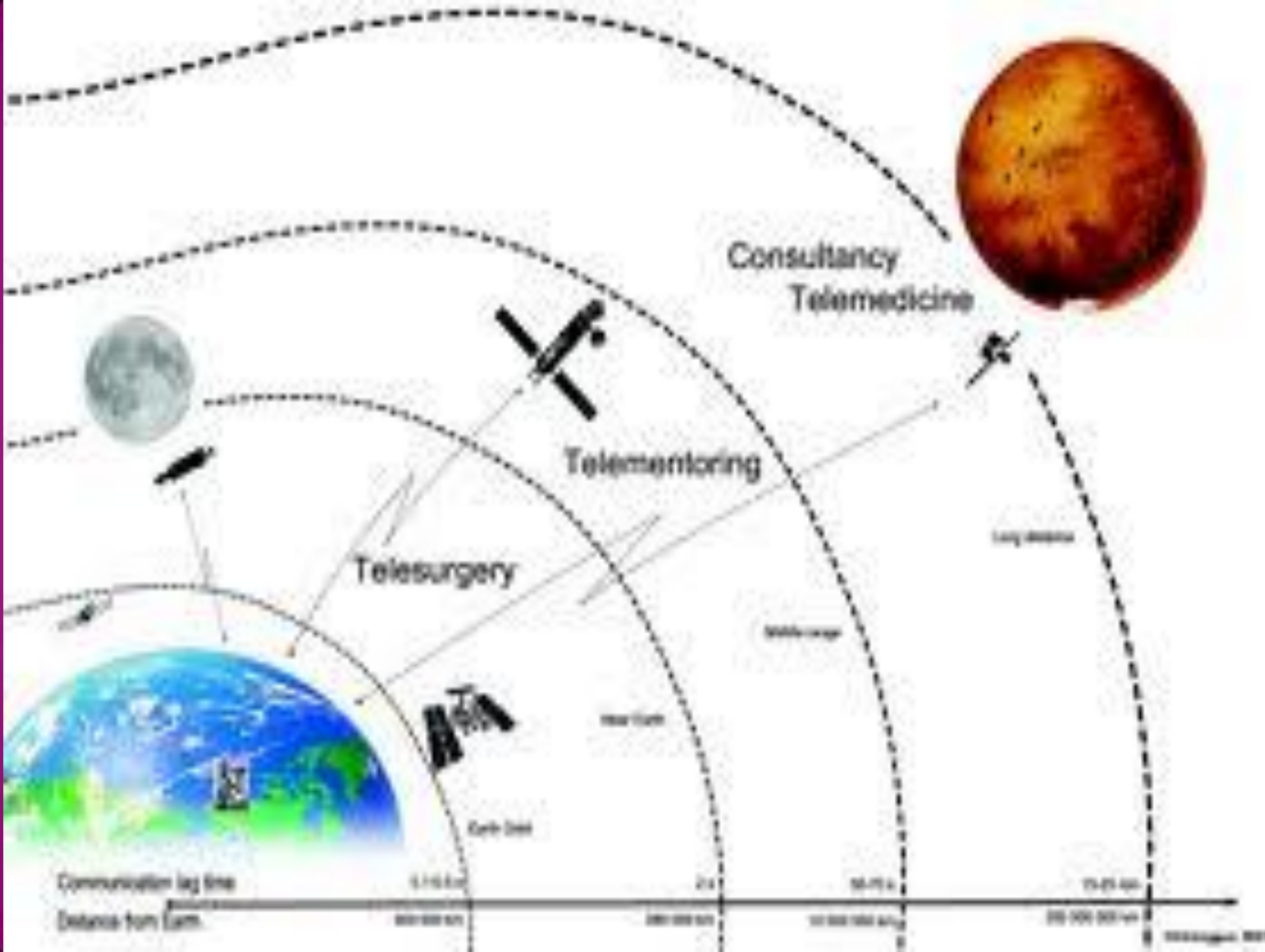
# VIRTUAL INTERFACE ENVIRONMENT

## SURGICAL SIMULATION AND PLANNING



Do you need help ?  
Ask a librarian !





# Telesurgery

Lindbergh operation (IRCAD Strasbourg, France Télécom, Computer Motion)  
September 7th, 2001, New York – Strasbourg (15 000 km), Human cholecystectomy





These live surgeries showcased how medical students and general surgery residents around the globe are able to seamlessly interact, ask questions and learn surgical procedure by the aid of virtual libraries.



One Monitor is connected to virtual library with curated information.

# Electronic Patient-Physician Communication

A critical mass of Internet users will soon be able to have wide diffusion of electronic communication with their physician from **bed to bed** .

Linking patients and physicians through electronic communication may increase the involvement of patients in supervising and documenting their own health care, processes that may activate patients and contribute to improved health.

These new linkages may have profound implications for the patient–physician relationship.

In this process, the physician can guide the patient to some references such as **patient handout** which prepared by virtual librarian through curative procedure over different electronic medical references.

# My winter house



# Aims of establishing medical library are :

- 1-To identify information Needs of doctors, nurses and paramedical professionals
- 2 – To develop well balanced and up-to-date collection
- 3 – To organize collection as per the users needs that will enable the readers to use the library to the maximum
- 4 – To communicate with the readers about the new arrival of educational literature in library
- 5 – To facilitate hospital research work, continuing medical education programmes
- 6 -Inhouse hospital publication work
- 7 - Act as a vital link between information sources and users.



*Thanks for your attention!*