Image in surgery, surgery in images

Wojciech Szczęsny
Surgery is a painting „created” by a hand
A master and a pupil
(from the very beginning till today)
A surgeon getting a wound dressed. Wall painting, the city of Pompeii, 1st century BC
Knowledge to whom?

• (...) I will impart a knowledge of this art to my own sons, and to my teacher's sons, and to disciples bound by an indenture and oath according to the medical laws, and no others (...).
Today

• (...) to share everything I have managed to create or improve with the medical society.
Ebers Papyrus, circa 1550 BC

- copied from earlier texts
- information regarding surgery
- circa 700 remedies
Arabic herbarium
Persian anatomical atlas
1680, 1750
Anatomy by Galenus, circa 130-200 AD
Versalius' groundbreaking work, 1514-1564

De humani corporis fabrica
And others
Anal fistulas treatment according to Hippokrates
Kaspar Stromayr, circa 1559
A surgeon and his assistant are treating a wounded man, Hieronimus Brunschwig, circa 1500

A surgeon is treating an old man’s foot, David Teniers Younger, circa 1650
Theodor Billroth, circa 1870
Scientific discoveries are changing the face of surgery

- principles of asepsis and antisepsis, 2nd half of 19th century
- Ignaz Semmelweis 1818-1867
Joseph Lister 1827-1912
Jules Pean 1830-1898
Jan Mikulicz-Radecki 1850-1905
Dr. Hingston is operating on patient in Hôtel-Dieu Hospital, 1905
Not enough of us…

- an operating room is becoming a „clean” place
- lectures are „going out”
- an operating room should not be a place for scientific debates and smoking

(L.Rydygier)
Ferdinand Sauerbruch (1932) i Ludwik Rydygier (1881)
The early day of heart surgery, 1962. We want to learn so we want to see
Zbigniew Religa 1938-2009
Ilya Repin. A surgeon E. Pavlov during operation, 1898
Show the others what you are able to do
The first photography.
Alfred Donne, 1840
The first medical film

- 1885
- August Lumiere
- „Army doctor is examining patient”
Today
Videosurgery, robots
Still books
or periodicals

- manuals
- digital / magnetic recordings
- paper and on-line periodicals
- websites
- discussion forums
- and other…
Atlas of surgical techniques
And also

- Websites with showpiece operations, such as [www.websurg.com](http://www.websurg.com)
- CDs with recorded operations
- „Workshops” - courses organized during conventions or in special teaching centers (training on manikins, animals or „ex vivo” preparations)
Plus ratio quam vis