Romanian and Universal Medicine in Old Collections. A View Of The Digital World in the Central Library of the "Carol Davila" University of Medicine and Pharmacy– Bucharest

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Outline

- The Central Library of the "Carol Davila" University of Medicine and Pharmacy – Bucharest
- Programmes of Scientific Recovery and Digitization of the Library
- Digitization activities in libraries from Romania

The Central Library of the "Carol Davila" University of Medicine and Pharmacy - Bucharest

- Its beginnings interweave with the first evolutions of the Romanian school of medicine.
- Formed by the gathering of collections of smaller libraries and medical institutions
 the School of Small Surgery – founded in 1855,
 the National School of Medicine and Pharmacy – founded in 1857

The Central Library of the "Carol Davila" University of Medicine and Pharmacy - Bucharest

- Established as the Library of the Faculty of Medicine since 1862.
- Its book and periodical collection has grown along the years.

The Central Library of the "Carol Davila" University of Medicine and Pharmacy - Bucharest

- 1903 the building of the current premises of the Faculty of Medicine of Bucharest
- 1907 the inauguration of the "Thoma Ionescu" reading room
- 1948 the institution was named the Central Library of the Institute of Medicine and Pharmacy, which today is the "Carol Davila" University of Medicine and Pharmacy

The "Carol Davila" University of Medicine and Pharmacy – Bucharest



The "Thoma Ionescu" Reading Room



The "Thoma Ionescu" Reading Room



The "D. Danielopolu" Reading Room



The Central Library of the "Carol Davila" University of Medicine and Pharmacy – Bucharest

- The largest and the oldest medical library in Romania
- The Library serves the users from the whole University:
 - the Faculty of General Medicine
 - the Faculty of Dental Medicine
 - the Faculty of Pharmacy
 - the Faculty of Medical Assistance and Midwives
- 97 branch libraries at the level of university departments, chairs and clinics

The Central Library of the "Carol Davila" University of Medicine and Pharmacy – Bucharest

- The main library has now 366,546 book titles, 5,531 periodical titles in more than 700,000 copies
- 27,000 documents in open access
- More than 10,000 users (7,567 students, 1496 teaching staff and 957 physicians)
- The staff of the library: 47 persons, 41 being specialists
- Automated since 1999
- Access to electronic information resources since 1999
- 10 computers with access to the Internet and to data bases for the users
- Electronic resources: HINARI, ProQuest, EMBASE, Ovid, ScienceDirect. In the past access also to OMS, EBSCO
- Every trimester the Library offers training sessions for the users

Programmes of Scientific Recovery and Digitization of the Library

- Since 1998 the library has been modernized
- The process has not finished
- The library aims to organize and develop programmes of scientific recovery and digitization of three collections:
 - Bibliophile Values of Foreign Book 15th -18th centuries;
 - Representative Pages in the History of Romanian and Universal Medicine (Carol Davila. The History of Romanian and Universal Medicine. The History of Romanian Medical Education);
 - Old and New PhD Theses

Bibliophile Values of Foreign Book – 15th -18th centuries

- The processing and reorganization of old foreign book collections
- The discovery of bibliophile values, including documentation of the history of Romania, considered lost or even ignored before

Analecta Scepusii sacri et profani (1778)

- It includes documents gathered by the Jesuit Carolus Wagner, professor at the University of Tyrnavos
- Many of these documents with references to historical personalities and events of the Romanians (Nicolaus Olahus, Petru Rareş, Despot Vodă)

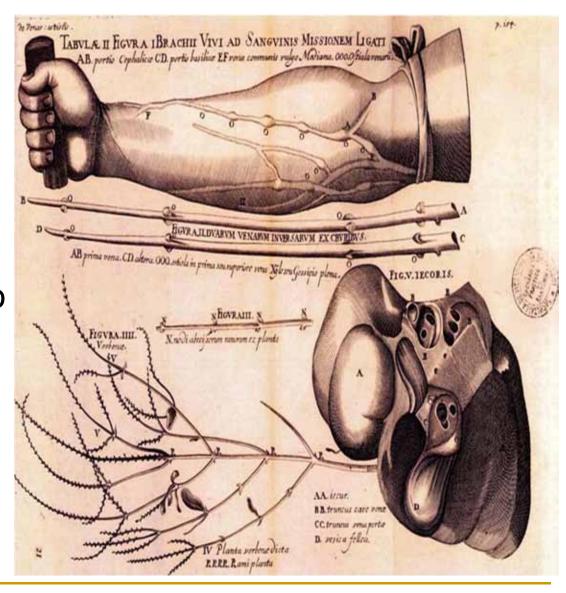
Codex medicamentarius or pharmacopaea Parisiensis (Paris, 1748)

- It has a mention about Joseph Exupere Bertin (1712-1781), professor and member of the Royal Academy of Sciences of Paris
- He was the physician of "the High Prince of Moldavia and Vlachs"- Constantin Mavrocordat between 1741 and 1744

Responsorum et Consultationum medicinalium (Venice, 1589)

The famous Italian physician Girolamo Mercuriale responds to a letter received from the ruler of Wallachia, Mihnea Turcitul, who suffered from gout, offering him a broad consultation with many pieces of advice and prescriptions Bibliophile Values of Foreign Book – 15th -18th centuries

The history of the universal medicine is rich enough illustrated through remarkable editions, some of them very rare (the word "rarissima" appearing in the catalogues for some of these works) Drawing from
 Opera omnia
 (1737) of the
 Italian anatomist
 Girolamo Fabrizio
 d'Aquapendente



The work of the "father of medicine", Hippocrates from Kas

- The Greek-Latin bilingual edition (Basel, 1579), due to the outstanding physicians and Hellenist Janus Cornarius (translator) and Theodor Zwinger (Scientific Editor)
- The reprinting (Geneve, 1657) of the most famous of the Hippocrates works' editions, namely the 1595 edition achieved by the physician from Metz, Anuce Foës, monument of an incomparable erudition (and fruit of over 40 years of hard work)

Hippocrates' oath in the Greek-Latin bilingual edition

HIPPOCRATIS OFKOE Iufiurandum.

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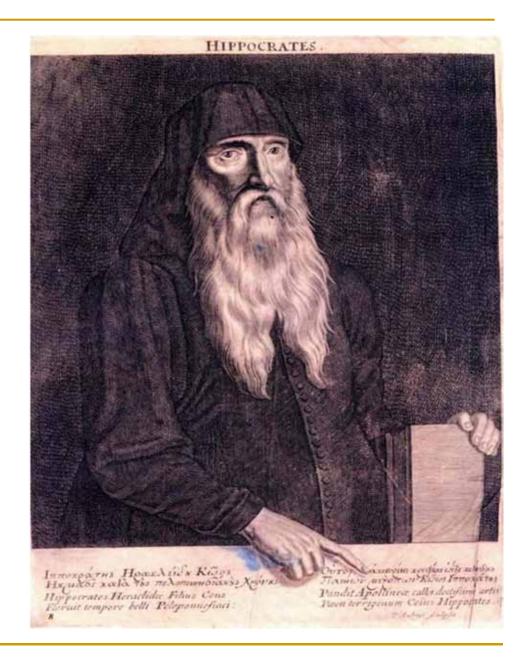
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MNTMI ' Amilhava in- A

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meo, integre feruaturum. Preceptorem, qui me hanc artem docuit, parentum loco habiturum, " uictum comunicaturum, " ead; quibus op* habuerit grato animo impertituru: " cos item, qui ex conati funt, pro fratribus malculis habiturum, " artemothanc fi difcere uoluerint, abfq; mercede & patto edotturum. ** Præceptionis, ** auditionis, ** reliquæd; totius difciplinæ participes facturu, " & meos, " & preceptoris mei filios, " & di fcipulos reliquos, "li prius fcripto cauerint, medicoq, iureiurado adfirici fuerint nullos præterea alios." Victus ratione ægris præ-Icriba pro facultate & iudicio meo commodá:**ab omni noxa 8c* iniuria alienā**.Neg; uerò ullius intercefsione cuipiam uenenum propinabo, ¹⁴ neq; eiufce rei confiliü fubmi-niftrabo. ³⁴ Neq; mulieri peffum corrumpen di færus ergð fubijciam. ¹⁴ Cafte deniq; ¹⁶ & fancte uitam reliquam, artemgi meam inftituá & excolam.17 Nec uerò calculo laborantes fecabo, 18 fed artificibus hacce arte profitentibus concedam. 39 In qualcunq; aurem domos ingrediar, ob utilitatem ægrotātium intrabo: 1º ab omnid; iniuria uoluntaria infe renda, & corruptione, quum alia, tum præfer tim " uenereorum, abitinebo : 1ª fiue muliebria, fiue uirilia, "liberorumue hominu aut feruorum corpora mihi cotigerint curanda. 14 Quæcunq; uerò inter curadum uidero audieroue, aut etiam ad medendum non adhibitus in communi hominum uita cognouero, fi quidem ex non efferre præfter, racebo, & tanqua arcana apud me cotinebo. " Hocce iufiurandum integrè feruanti, & non confundenti, contingat mihi & uita & arte felici ter frui, &capud omnes homines in perpetuu gloriam mea celebrari. 10 Tranfgredienti autem & peieranti, his contraria cueniant.

 Hippocrates' portrait by Pierre Aubry (1657)



 The frontispiece page from the work of Frederik Ruysch (1737) – image of the Museum of Pathological Anatomy organized by the author in Amsterdam



AMSTELEDAMI apud JANSSONIO-WAESBERGIOS 1720.

Liber de proprietatibus rerum

- The only collection incunabulum the most valuable piece by age and its rarity
- The Cologne edition from 1481 of the Middle Ages encyclopedia
- Work of the Minorite English monk Bartholomaeus (13th century), professor of theology at Paris and Magdeburg

A page with annotations of the text and miniature initial from the only incunabulum of the collection

Lib. V

162

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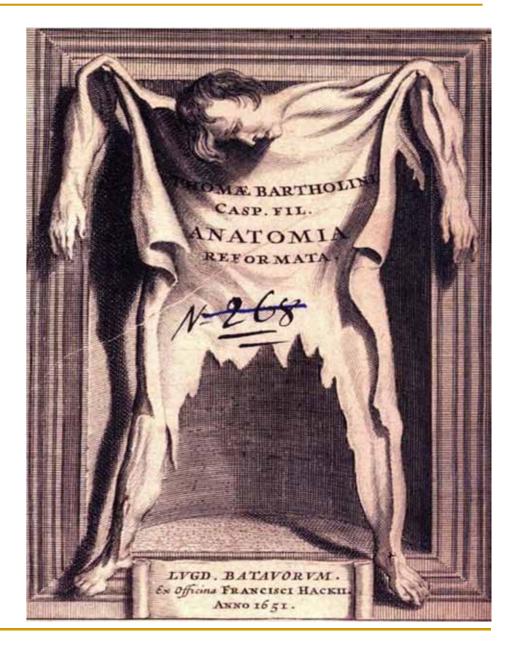
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Bibliophile Values of Foreign Book – 15th -18th centuries

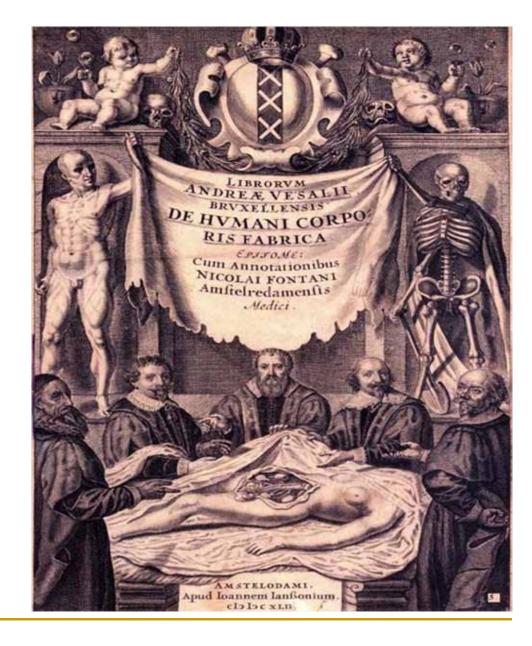
 Old editions of works of medical personalities who entered history shows too the patrimonial value of our library collections. Bibliophile Values of Foreign Book – 15th -18th centuries

Some great names connected to the history of medicine and book Hemann Boerhaave Marcelo Malpighi Albrecht von Haller Antonio Scarpa Jean Baptiste de Senac Andreas Vesalius

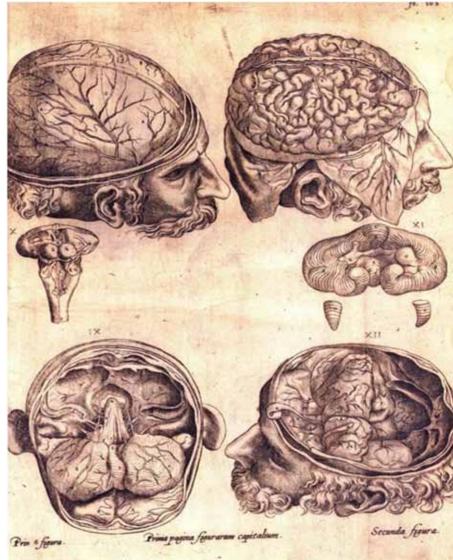
 The frontispiece page from the work of the Danish physician Thomas Bartholin, Anatomia (1651)



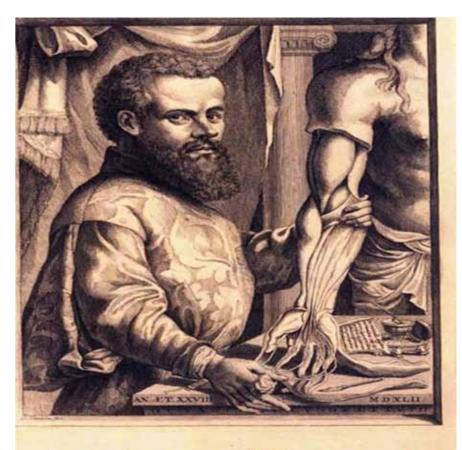
 The frontispiece page from the famous work of Andreas Vesalius, De humani corporis fabrica (1642 edition)



 Anatomic drawing from the famous work of Andreas Vesalius, De humani corporis fabrica (1642 edition)



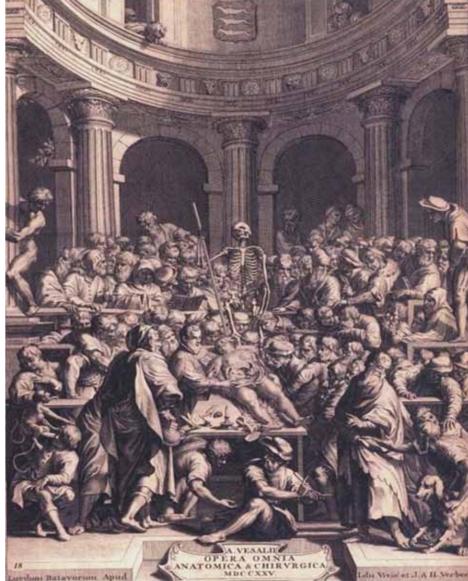
 The portrait of the famous antomist
 Andreas Vesalius
 from the 1725 edition
 of his work



ANDREAS VESALIUS Bruxellenfis

Invictisfimi Careli V.Imperatoris Medicus.

 The frontispiece page (1725 edition) showing all the medical celebrities of those years around Andreas Vesalius at an anatomy lesson



 Surgical tools from the 1725 edition of the work of Andreas Vesalius



Anatomic drawings from the 1725 edition of the work of Andreas Vesalius

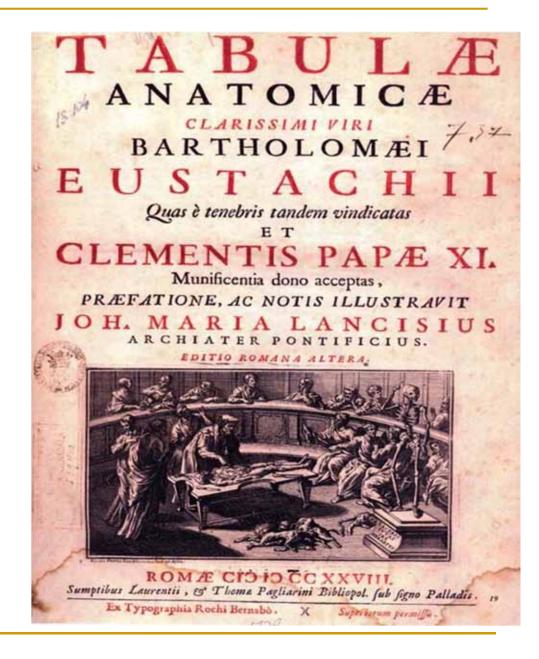




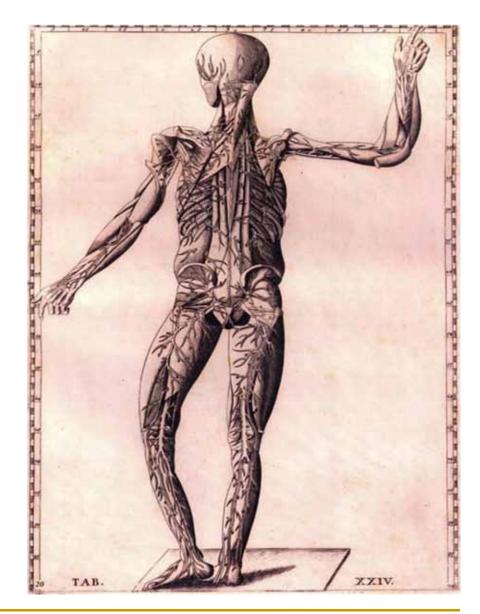
 Frontispiece page showing the interior of a pharmacy from the 17th century



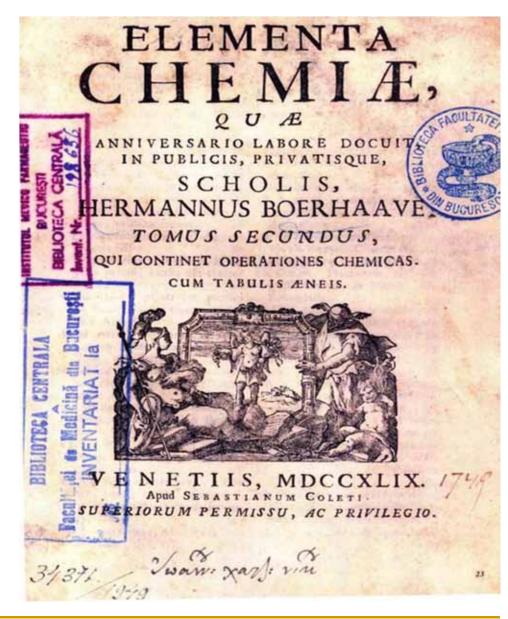
Title page of the work of the Italian physician Bartolomeo Eustachio, *Tabulae anatomicae* (1728)



 Anatomic drawing from the work of the Italian physician Bartolomeo Eustachio, *Tabulae* anatomicae (1728)

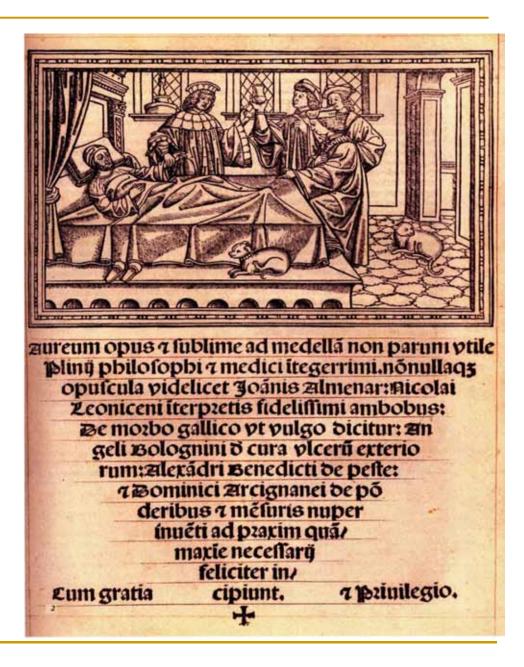


 The title page of the work with the autographic ex-libris "Ioannou Hagi Nikou" and the library's stamps



Bibliophile Values of Foreign Book – 15th -18th centuries

Some books were and are very expensive due to the rarity and elegance of the editions, many illustrated with engravings themselves valuable. Frontispiece representing a consultation with physicians around the bed of a patient. (1516)



Page with text and drawing from Opera omnia (1694) of the **English** physician **Thomas Willis**

128

Fig. vii

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Cerebri Anatome. D.D.

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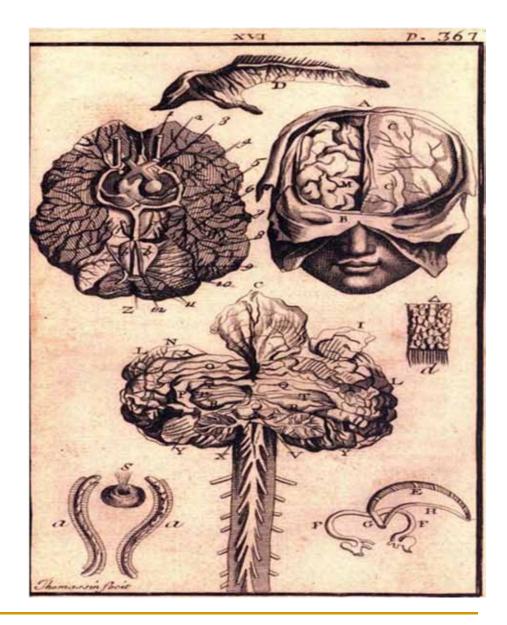
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C A P U T XL

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 Drawing from the work of the French physician Pierre Dionis, *L'anatomie de l'homme* (1690)



 Drawing from the work *De monstris* of Albrecht von Haller included in *Opuscula sua anatomica* (1751)



 Plate by Caspar Teymann showing the paracentesis from the work *Der Chirurgie* (post 1662) of the physician Paul Barbette

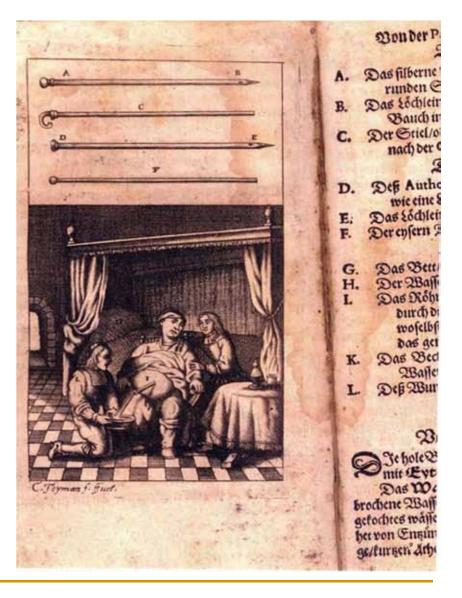


Plate from the work
 Anatome corporis
 humani (1679) of the
 famous Dutch
 anatomist Ysbrand Van
 Diemerbroeck

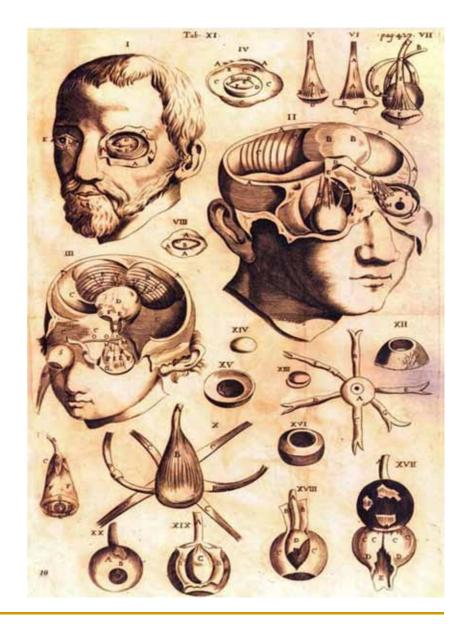
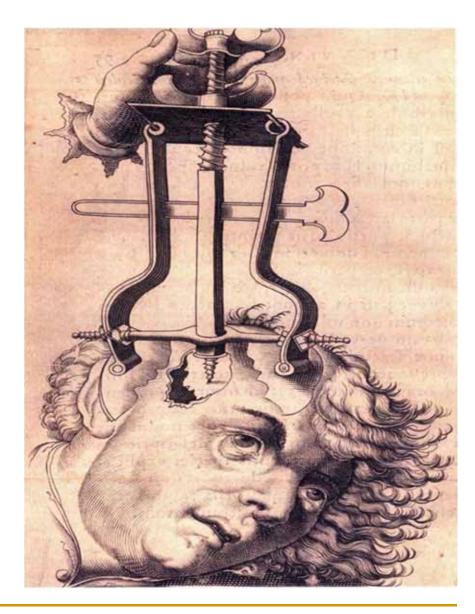


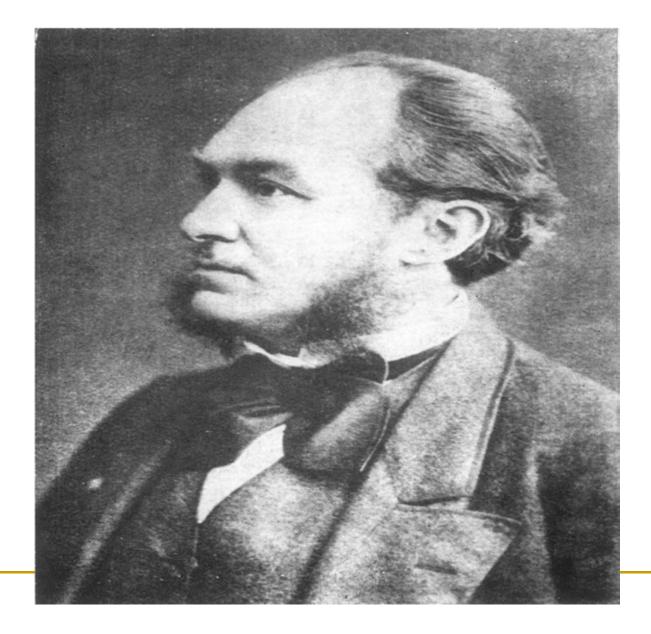
 Plate from the work Succenturiatus anatomicus (1616) of the Dutch physician Pieter Paaw



Carol Davila. The History of Romanian and Universal Medicine. The History of Romanian Medical Education

- This collection includes:
 - the work of Carol Davila (1828-1884), founder of the Romanian school of medicine,
 - the main foreign and Romanian authors of medical literature used in the educational approach and
 - original documents showing the development of Romanian medical education.

Carol Davila (1828-1884)



Carol Davila (1828-1884)



Carol Davila PhD thesis

DE LA PROPHYLAXIE

DE

LA SYPHILIS,

TAR

CHARLES DAVILA,

Docteur en Nédecine de la Faculté de Paris. ancien Interne en Médecine et en Chirurgie des Hôpisus d'Angers. Préparateur de Chimie, Prosecteur d'Anstomie. Laurest de l'École de Nédecine et de l'Administration des Hospices de la même sulle, Nédaille du Choléra en 1849 (Médaille d'Argent).

> Da veniam scriptis quorum non gloria nobis Fausa, sed striktas officiumque fuit (Ovias.)

PARIS.

RIGNOUX, IMPRIMEUR DE LA FACULTE DE MEDECINE.

1853

Old and New PhD Theses

- The library preserves an important collection of PhD theses.
- This third collection includes theses from the period 1873-1945 and theses from 1952 to date.

Programmes of Scientific Recovery and Digitization of the Library

The patrimonial dimension is important in the case of these three collections and to the extent that confers prestige to a tradition, showing the efforts of some personalities of the Romanian school of medicine to constitute representative collections for the history of medical book both Romanian and foreign.

Digitization activities in libraries from Romania

- Romania elaborated The Proposal of Public Policy on the digitization of national cultural resources and the creation of the Digital Library of Romania.
- As an EU member, Romania can enhance the collective cultural memory by providing access to its cultural and scientific heritage.

Digitization activities in libraries from Romania

At national level the first steps in the process of digitization have been taken however long before Romania's EU entry by scanning some public collections, for reasons of preservation of fragile and patrimony documents. Programmes of Scientific Recovery and Digitization of the Library

 Romanian libraries and their digitization projects *The National Library of Romania* (http://www.bibnat.ro) and *CIMEC* (http://www.cimec.ro/)

- The project APOGRAF from 2005 (the National Digital Library of Manuscripts and Old Books) initiated by the Ministry of Culture and financed by the World Bank within the framework of the "Cultural Heritage" programme.
- The result of this project was the scanning of several valuable manuscripts from the collection of the branch library Batthyaneum from Alba Iulia, ie over 50,000 pages.

The National Library of Romania (http://www.bibnat.ro) and *CIMEC* (http://www.cimec.ro/)

Currently the National Library has in a scanned form all Romanian books from 16th and 17th centuries and part of those from the 18th century (years 1701-1716) from its own collection of old Romanian books. The Library of the Romanian Academy (http://www.biblacad.ro)

 In 1999 it started to scan the manuscripts of the national poet Mihai Eminescu (1850-1889) together with the Ministry of Culture and CIMEC (the Institute for Cultural Memory). The Central University Library "Carol I" Bucharest (http://www.bcub.ro)

The project RESTITUTIO

(http://www.bcub.ro/continut/restitutio.html) that provides access for readers to 10,000 pages of rare and bibliophile books, through a local application.

The County Library "Octavian Goga" Cluj (http://www.bje.ro)

- It participated in 2007-2009 to ENTITLE (Europe's New libraries Together In Transversal Learning Environments http://www. EntileIII.eu)
- It is involved now in another European project
 EDLocal (Making local and regional content accessible through the European Digital Library (http://www.europeanalocal.eu -2008-2011).

The Central Library of the "Iuliu Hațieganu" University of Medicine and Pharmacy -Cluj-Napoca (http://www.umfcluj.ro/lista.aspx?t=Biblioteca-Prezentare)

- <<the Project Papilian>>
- Based on the digitization of valuable documents from the collection of the branch library of the History of Medicine Department.
- The programme will include also the digitization of all PhD theses defended at this university.

The Library of the "Gr T. Popa" University of Medicine and Pharmacy - Iaşi (http://biblio.umfiasi.ro/teze-de-iasi.aspx)

- It digitized a collection of PhD theses in medicine and surgery defended at the Faculty of Medicine between 1887-1940.
- Many of these theses are important contributions to the development of the Romanian school of medicine, some being pioneer's works.

The Central Library of the "Carol Davila" University of Medicine and Pharmacy - Bucharest (http://www.univermed-cdgm.ro/?pid=530)

It organized and develops three programmes

<<Bibliophile Values>>

- Based on the collection of foreign books, described in the book "Foreign books. 15th - 18th centuries. Catalogue", by Elena-Maria Schatz and Gheorghe Buluţă.
- The catalogue is available in electronic form in the local network of the library.
- There are digitized the title sheets, the pictures and other bibliophile elements with value, which will accompany each bibliographic description.

<<Bibliotheca Historia-Medica>>

- It includes the publication collection "Carol Davila. The History of Romanian and Universal Medicine. The History of Romanian Medical Education", whose catalogue is available in electronic form in the local network of the library.
- There are digitized the title sheets, the elements with documentary and historical value for each bibliographic description in part.

<<Theses>>

- Based on the printed catalogue for the contemporary period ("The Catalogue of PhD theses defended at the "Carol Davila" University of Medicine and Pharmacy - Bucharest, 1952-2008, 4 volumes achieved within the framework of the department "Cataloguing - Classification" of the library).
- The catalogue is available in electronic form too (http://www.univermed-cdgm.ro/?pid=531).
- There are digitized the title sheets, some of the theses are digitized in full text (the theses of the personalities of Romanian medicine), then documentary and historical elements for the period 1873-1945, with a view to making it available to users on the Internet.

Conclusion

We organize and develop these programmes of scientific recovery and digitization of the collections of publications with documentary and historical value in order to offer access to electronic information for all categories of users of the library, which provides its visibility and competitiveness. Comments and Questions

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