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Medical collection universities

The aim of this work is show different medicine collections or university museums in Spanish university and their influence in academic community.

Medicine is a science that needs different techniques and tools for development of their work. The use of new technologies and the constant advance of them mean that some of these objects are left out of the new needs that society requires. Even, once these objects become obsolete or useless, they are preserved. They get creating a heritage value in medicine's history.

To conserve this type of pieces we are supported by a double information: firstly, a historical character by the chronology of its use, resolving in each period, some needs in medicine and on the other hand it allows us to know the evolution that the technology in medicine over the years.

University area, medicine's pieces, like the rest of pieces Heritage's University, has played a fundamental role in the didactic course for the training of future specialists in medicine and in their knowledge subjects. In this way they become didactic material for the formation of students, knowing case studies, work tools and other materials that have contributed to the history of medicine.

The Spain society of medical science history museum has six museums in medicine as resources to research: Library and historical museum doctors of the institute of history of science and documentation "López Piñero" in Valencia University; Cajal Museum, Cajal Legacy in the City of Arts and Science; National museum of science and technology, Basque museum of the history of medicine "Jose Luis Goti"; Virtual museum or health and museum of the history of medicine in Catalonia.

Moreover, we can find other examples: Infanta Margarita medicine museum and the Military health Collection Museum, both in Madrid.

Of these eight examples, only two are related to university heritage. On the other hand, if we looking for into other Spanish universities, we will find a variety of museums and collections related to medicine, dentistry, pharmacy and sanitary instrument of health science in general.

The Complutense University of Madrid has six museums (*Anatomy museum Javier Puerta, Antropology Museum professor Reverte Coma, Hispanic pharmacy museum, Odontology museum Luis de la Macorra, Optical museum and Veterinary museum*) and five university collections, (*Historical collection of drugs, Vegetal Histology Collection Gomez Pamo, Mineralogy collection, Models and murals for teaching botanic collection and Herbarium pharmacy faculty.*) being the most large category in term of the heritage wealth that it possesses in its university set in front of the collections of historical-artistic and technical heritage. In total reach approximately 205.000 pieces.

The University museum of the University of Valladolid has an important Biomedical Science collection which has a thousand pieces inventoried between pieces of anatomy, general medicine and old pharmacy; Paco Pastor, responsible for the museum since 1986, tell us that there can be four times more than what is cataloged.

The University museum of the University of Murcia does a little wink to medicine, specially to pieces as an apparatus of Calospodoterapia, used for the treatment of pulmonary tuberculosis and X-ray apparatus.

The University of Sevilla has between its heritage wealth a series of pieces of scientific instruments, where we can find skeletons, pharmacy instruments and medicine.

The University of Valencia has an interesting scientific collection¹. It was born in seventy years thanks to work Lopez Piñero professor. It was opened to 2006 and now, it's a virtual museum from University page.

The University of Granada has a "Dental Museum"² since 1986 in Dentistry Faculty. This museum was an initiative to Professor Guirao Perez. This space

¹ Scientific collection in University of Valencia: [On line:10/04/2018] In: http://hicido.uv.es/Expo_medicina/

will allow knowing a model of a dentist's clinic, a general room with devices from different times for the practice of the professions, and a workshop in which other parts related to the prosthesis.

Moreover, in Granada, we can know others university collections to medicine: ceroplastias, terracotta and cast collection, medicine collection, scientific instrumentation museum and pharmacy history museum. The page www.patrimonio.ugr.es shows all information about them.

To bring all this heritage to society, the University of Granada also organizes some activities to teachers and researchers, such as workshop with guide visit in the different collections. Moreover, since 2017, has worked in temporal exhibitions about an interesting dialogue between contemporary art and university heritage. The first example was "El peso del alma. Fisiología de la vida y la muerte" / "The wight of the soul. Life's Phisiology and death".

As an innovation, the University of Granada has opened a new exhibition space to show month piece in hall Real Hospital. The first piece has been a "triac magna" from pharmacy history museum "Jose María Sunné Arbussá".

All this material forms a very specific heritage as a research resource for medicine, with the aim of continue to research and create science for the present and the future.

In my opinion, University museum needs to work hard at becoming destination on campus for student and faculty, even the communities, school, etc.

Unfortunately, scientific and technological heritage haven't enjoyed in our country that artistic and architecture heritage. In the future this situation will change thanks to diffusion activities because they are being better known.

² <https://patrimonio.ugr.es/bienes/museo-dental/> [On line: 03/05/2018]

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