

## What does Medical Residents 1 (MIR1) know about scientific information to enter the Hospital?

Susana González-Larragán, M Asunción García Martín.

*Health Science Library. OSI Ezkerraldea-Enkarterri-Cruces. Plaza de Cruces 12. 48903. Barakaldo. Bizkaia. Spain.*

Corresponding author: Susana González-Larragán [biblioteca2.cruces@osakidetza.eus](mailto:biblioteca2.cruces@osakidetza.eus).

### Introduction:

Information skills are a set of knowledge, skills, attitudes and behaviors that enable people to recognize when they need information, where to locate, evaluate and give it a proper use according to the problems they pose (1). This is ultimately to relate effectively with the world of information (2). This competition is common to all disciplines.

In the field of Health Sciences, this competition must be seen as a basic skill for any professional future of the area of health, due to that health sciences are one of the most dynamic sciences.

Therefore, we wanted to know the competence level of medical graduates entering the hospital as first-year residents.

### Material and Methods:

For the knowledge of graduates to reach the hospital, it has conducted a survey using free software LimeSurvey. The survey was conducted in the first week of stay in the hospital R1. The survey was divided into four sections: Resource Manager references, specialty magazines and specific training received.

The alternative answers are YES / NO and its duration is less than 15 minutes. It has been done before the start of the session presentation of the services and resources of the Library.

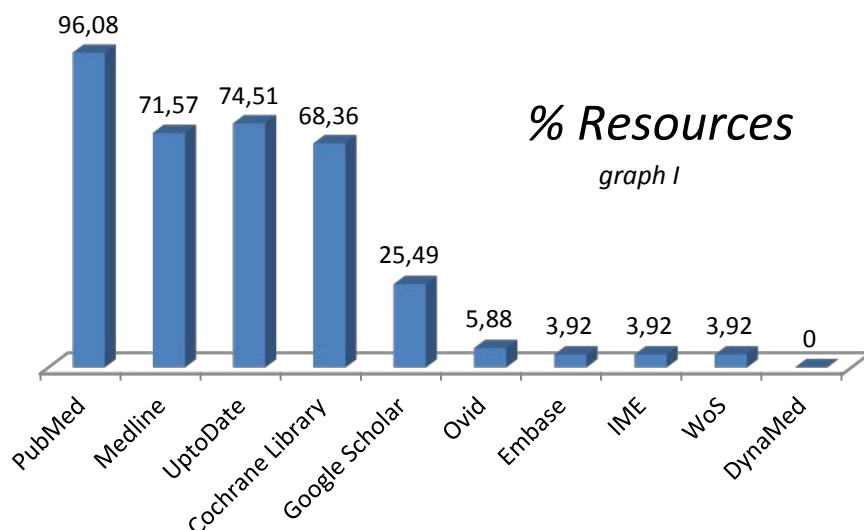
### Results:

The 75% of residents have answered the survey

As we can see in the graph I, more than 70% of R1 do know Pub Med (search system) or Medline (database). Up To Date is known by more than 70% of them. La Cochrane Library is also close to that 70%,. However, the knowledge of other resources comes down to a meager 25% of Google Scholar and drops to well under 10% in Ovid, EMBASE, IME and WOS. Nobody knows DynaMed.

Regarding managers references, only 5.88% know what they are, and only 32.35% of respondents know a magazine of their own specialty.

Finally, a 35.29% reported having received specific training in information skills in his university days, of which 36.21% belonged to the University of the Basque Country-Euskal (UPV / EHU) and 34.09% to other.



### Discussions and Conclusions:

A noticeable lack of knowledge in handling information skills is shown, which is a core competency of our future professionals in Health Sciences (3).

In light of our results the need for specific training in universities is obvious. To do this, the creation of a framework program Health Sciences at the Universities, which is in accordance with a framework program also in the Libraries of Health Sciences hospital is proposed. (4).

### References.

1. American Library Association (ALA) [homepage on the Internet]. Information Literacy Competency Standards for Higher Education. [updated 2000 Jan 18; cited 2016 Apr 11]. Available from: <http://www.ala.org/acrl/standards/informationliteracycompetency>.
2. Ortoll E. Gestión del conocimiento y competencia informacional en el puesto de trabajo. [serial on the Internet]. 2003. UOC. [cited 2016 Apr 11]. Available from: <http://www.uoc.edu/dt/20343/20343.pdf>.
3. Morán-Barrios J. Un nuevo profesional para una nueva sociedad. Respuestas de la educación médica: la formación basada en competencias. Rev Asoc Esp Neuropsiq. 2013;33:385-405.
4. García-Martín MA, Grifol E, San Turtun MJ. Programa marco de formación en Competencias Informacionales en las Bibliotecas de Ciencias de la Salud en Hospitales. Proceedings of the 19 Congreso Nacional de Hospitales y Gestión Sanitaria; 2016 March 10-13; Alicante and Elche, Spain. [cited 2016 Apr 11]. Available from: <http://www.slideshare.net/asuncion51/programa-marco-formacion-competencias-informacionales-en-bibliotecas-de-ciencias-de-la-salud-en-hospitales-cibh-alicante-13-marzo-2015>

