Spain

The SEEIC (Sociedad Española de Electromedicina e Ingenieria Clinica), the Spanish society of Clinical Engineers, with a scientific and technical character, aims to be an element of cohesion, communication, representation and training of those people who are dedicated to the Management, Security, Development, Manufacture and Maintenance of the Medical Devices equipment in Spain. Being our main concern the quality, security, expertise, standardization and scientific level of the services that the sector provides to the Healthcare ecosystem.

Whether from Public or Private HealthCare Facilities, Manufacturer, Distributor or users, there are common elements that need to be addressed to achieve rights, regulations and expertise, from our highly qualified collective, who is gathering an increasingly relevant role in Healthcare.

Our objectives are:

- To be reference for public bodies and private entities of professionals in the sector.
- To promote among the professional of our sector the use of the necessary standards and requirements for the correct use and maintenance of medical devices.
- To develop protocols, documents and standardization procedures, basis of specifications and contracts for the purchase and maintenance of medical devices.
- To collaborate with stakeholders for the accreditation of the professionals of Clinical Engineering.
- To promote and collaborate in scientific and technical events and publications concerning Clinical engineering at national and international level.
- To promote and collaborate in the training of professionals with accredited courses, conferences and congresses.
- To become an expert forum for the requirements made from public bodies or private entities (expert reports, reports, etc.)
Global Clinical Engineering Summit 2019 – CE Status Report

- To achieve the recognition required of the role of Clinical Engineers within the Healthcare system and promote the matching regulation
- To collaborate with international entities to extend our goals to a broader European level

The SEEIC is based in Madrid and was founded in 2000. Currently we have over two hundred participating members working all over Spain in hospitals and healthcare centers, both large and small, with both institutional as well as outsourced med-tech management. In many cases, medical technology management and maintenance is performed in cooperation with medical device manufacturer’s specialist technicians and with technology distributors or representatives. The role of Chief Clinical engineer and its dependence within the organization varies from healthcare facility being it in general more relevant within the public sector. It’s a role that worries our society and that requires a regulation that matches the responsibility that the professionals are enduring.

These professionals, in Spain, come from different environments and levels of education and their role in the healthcare is not regulated. The specific center that provide education are:

- 12 centers offering technician professional training as bmet with more than 100 graduates each year
- 13 universities offering degree courses in biomedical engineering with more than 600 graduates each year
- 8 universities with post-grad masters in bme with more than 170 new graduates each year

It is important to note that the universities are not issuing a specific degree or master with the denomination of Clinical Engineer but Biomedical Engineer. There is a professional accreditation system, for current experts in the sector that started working in this field without being a any specific academic certification. Some experiences have already started at regional level.

In Spain there is a new edition of the iso 13485 standard of quality for med tech. In this new edition the scope clearly includes distributors and servicing organizations and the servicing records are an obligatory source of data towards improvement.

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