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Research and teaching as vehicles for constant improvement

Research

Imparting knowledge at an early stage and encouraging health professionals to participate in research are necessary steps to provide patients with maximum levels of quality. Quirónsalud research is made possible in part by the participation of health professionals in clinical trials and research projects under the aegis of centers for health research and research networks.

Our primary lines of research in 2015 were oncology, neurology, and pulmonology (21%, 11%, and 8% of initiatives, respectively). In furtherance of these projects, we work under agreements with the country's main research centers, the most noteworthy of which include the Spanish National Cancer Research Center (CNIO) and the Spanish National Center for Cardiovascular Research. We are also active contributors to Networks for Cooperative Research in Health (RETICS) and Biomedical Research Networking Centers (CIBER).

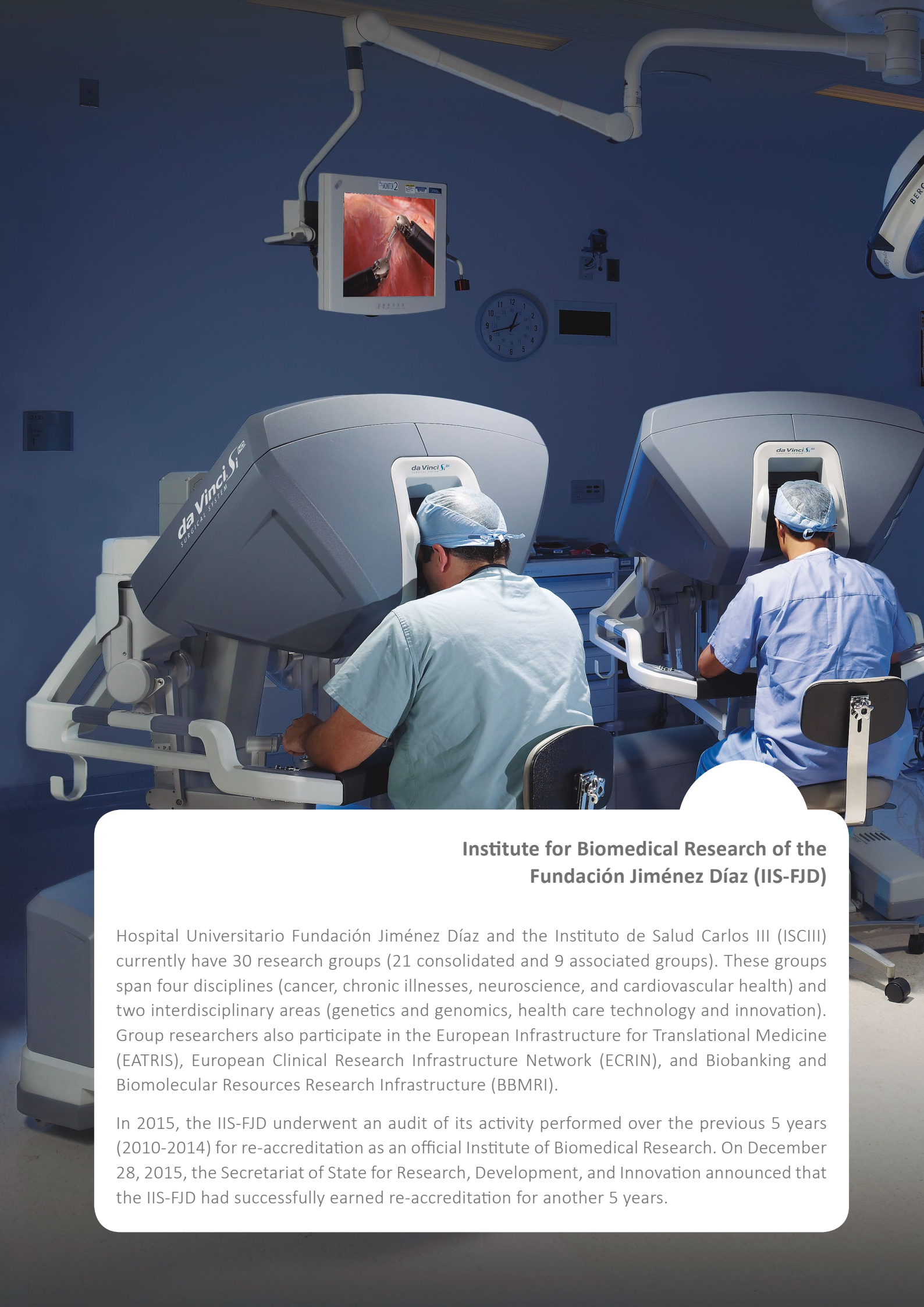
Main research output for Quirónsalud

2015 research projects:	876
No. of private research institutes accredited by the Spanish Ministry of Science and Technology:	1
2015 research groups:	30
2015 research units:	2
No. of patents registered in 2015:	4
No. of high-impact factor publications in 2015:	463
No. of clinical trials conducted between 2013 and 2015:	499

Following the Quirónsalud Unit for Innovation and Research Management's successful certification in accordance with the UNE 166002:2014 standard

Following the Quirónsalud Unit for Innovation and Research Management's successful certification in accordance with the UNE 166002:2014 standard (R&D management systems) in January 2015 (IDI – 001/2015), the organization is currently applying the standard in all other locations that have specific units managing innovation and research.

The aim of the standard is to ensure that innovation and research initiatives are undertaken in accordance with standardized processes in which projects are evaluated beginning at the conception stage and through execution, including an assessment of demand. By implementing an innovation management system, we successfully aligned our innovation strategy with the organization's policy and objectives, ensuring the traceability of efforts and collaborative work. This way, we have laid down a basis upon which we will drive scientific networks and innovation in conjunction with the primary internal and external stakeholders within the health industry.



Institute for Biomedical Research of the Fundación Jiménez Díaz (IIS-FJD)

Hospital Universitario Fundación Jiménez Díaz and the Instituto de Salud Carlos III (ISCIII) currently have 30 research groups (21 consolidated and 9 associated groups). These groups span four disciplines (cancer, chronic illnesses, neuroscience, and cardiovascular health) and two interdisciplinary areas (genetics and genomics, health care technology and innovation). Group researchers also participate in the European Infrastructure for Translational Medicine (EATRIS), European Clinical Research Infrastructure Network (ECRIN), and Biobanking and Biomolecular Resources Research Infrastructure (BBMRI).

In 2015, the IIS-FJD underwent an audit of its activity performed over the previous 5 years (2010-2014) for re-accreditation as an official Institute of Biomedical Research. On December 28, 2015, the Secretariat of State for Research, Development, and Innovation announced that the IIS-FJD had successfully earned re-accreditation for another 5 years.



Smart room to measure patients' vital signs remotely

The biomechanical engineering unit of the Quirónsalud Group R&D and Teaching Department, in partnership with a number of Galician technology companies such as Sivsa, Gradient, and Ictel, created a smart room, making it possible to monitor patients' vital signs remotely, creating automatic alerts when a patient is found to be at risk.

This innovative technology allows health professionals to make decisions more quickly by giving them better information on the patient, including respiratory rate, heart rate, restlessness during sleep, possible falls, and the temperature and humidity in the room. All these systems provide input on the degree of pain and rest experienced by the patient while sleeping.

Teaching

In recent years, the group has made a firm commitment to teaching. We do so by both educating our staff as well as by collaborating with educational bodies in training future health-care professionals and seeking to expand the number of specialties offering specialist training. Thanks to partnership agreements we have with universities and high schools, we collaborate closely with the educational system by holding hands-on training programs for students.

The Quirónsalud Group has consolidated its offering of educational programs, and as a result we teach over 2,000 students (2,289 in 2015) every year across different levels of the educational system. These efforts translate into:

- Seven university hospitals: Hospital Universitario Fundación Jiménez Díaz, an affiliate of Universidad Autónoma de Madrid; Hospital Universitari Sagrat Cor (Barcelona) and Hospital Universitari Dexeus in Barcelona (affiliates of the Universidad de Barcelona); Hospital Universitario Infanta Elena in Valdemoro (Universidad Francisco de Vitoria); Hospital Universitario Rey Juan Carlos in Móstoles (Universidad Rey Juan Carlos); Hospital Universitario Quirónsalud Madrid (Universidad Europea); and Hospital Universitario General de Cataluña (Universidad Internacional de Cataluña).
- Four hospitals accredited to provide specialist training: in 2015, the group had 78 openings for entry and a total of 365 residents training across the different specialties.
- A University School of Nursing, the EUE Hospital Universitario Fundación Jiménez Díaz, affiliated with the Universidad Autónoma de Madrid.
- Network alliances with leading universities of our country.



*Firmly committed to teaching, to staff training,
to partnerships with educational bodies in preparing
the health-care professionals of the future,
and to expanding the number of specialties
for which we train specialists*

