

# Report - Telehealth Training Course For Latin America

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The Federal University of Minas Gerais (UFMG) is one of the best universities in Brazil and the eighth best university in Latin America, occupying a prominent place in various academic indicators. In 2014 the Scopus platform, one of the largest scientific literature databases, UFMG registered an average of 3,000 articles in high impact international journals.

The university has about 900 research groups, 734 of the faculty professors are researchers from the National Council for Scientific and Technological Development (CNPq) and in 2016 UFMG reached the registration of 1065 patents. These data clearly demonstrate UFMG's high levels of intellectual and scientific production.

The first edition of the Telehealth Training Course took place in 2012 and was promoted by the Faculty of Medicine of the Federal University of Minas Gerais (FM/UFMG), Telemedicine University Network / National Network of Education and Research (RUTE/RNP) and Brazilian Ministry of Health (MS) in collaboration with the University of São Paulo (USP), Federal University of Sao Paulo (UNIFESP), National School of Public Health (ENSP), Belo Horizonte City Hall, with support from PAHO and ECLAC .

The first edition of the course was offered with a course load of 96 hours and was attended by 353 health professionals from 16 countries. The objective of the first edition of the course was to train leaders of strategic levels of the Ministries of Health and major Latin American universities in the process of incorporating telehealth resources in the care and teaching areas. In the final evaluation of this first edition, about 81% of the students rated the course as excellent and good.

The second edition of the Telehealth Training Course began in May 2019 and is expected to close by the end of September 2019. This second edition is promoted by the Telehealth Center of the Medical School of the Federal University of Minas Gerais (FM/UFMG), with support from PAHO, the Ministry of Health of Brazil (MS) and Latin American countries. The course is offered in the distance learning modality of 120 hours, with emphasis on the management of telehealth projects and presentation of telehealth experiences in the areas of teleconsultation, tele-education and telediagnosis.

The course is offered via Moodle platform (Figure 1), considered today the leading distance education platform in the world. Through this platform, students can download course content, send and receive messages, send and receive files, and view their progress in the course.

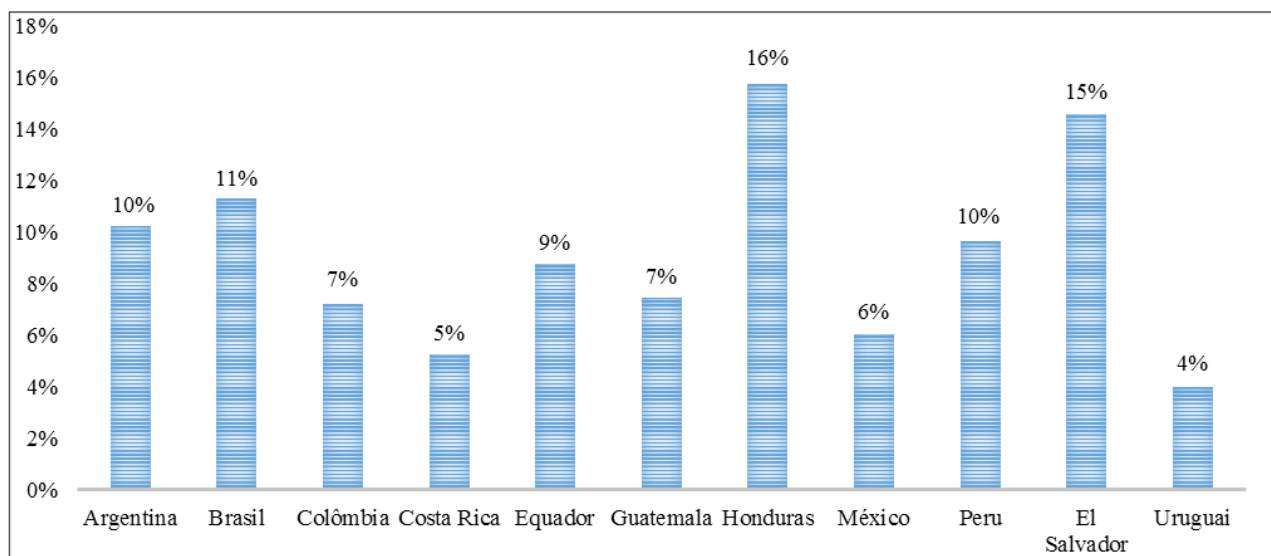
Figure 1: Telehealth Training Platform.



Source: <http://tecnologia.medicina.ufmg.br/ead/course/view.php?id=18>

Approximately 1200 professionals are enrolled in the course, including health managers, telehealth managers and health professionals from 11 Latin American countries: Argentina, Brazil, Colombia, Costa Rica, El Salvador, Ecuador, Guatemala, Honduras, Mexico, Peru and Uruguay (Graph 1). The following graphic shows the distribution of the students of the course according to the participating country.

Graph 1. Distribution of students in the Telehealth Training Course for Latin America.



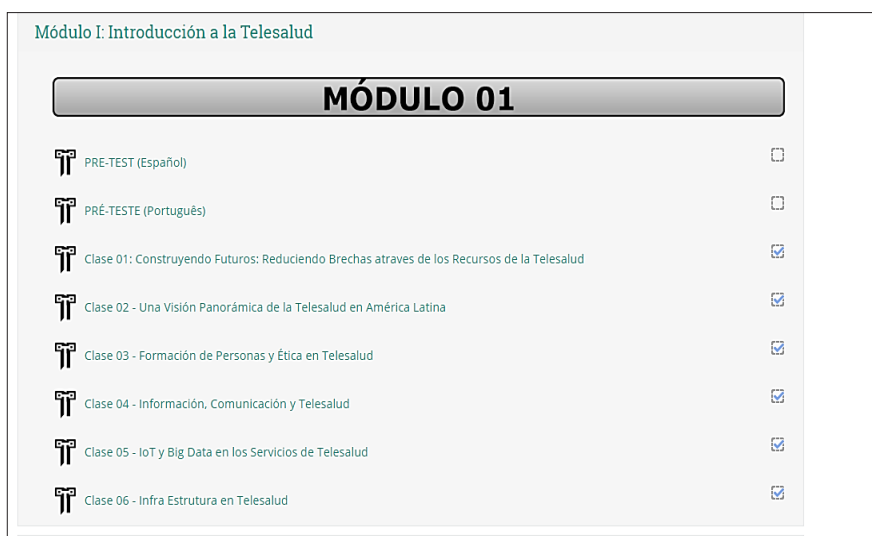
Source: : Prepared by the author

The course content is divided into three modules (Figure 2): the first module called “Introduction to Telehealth” addresses topics related to telehealth resources, panoramic telehealth overview in Latin America, people training and telehealth ethics, information, communication and telehealth, IoT and Big Data in telehealth services and telehealth infrastructure.

The second module, called “Telehealth and Tele-Education Assistance Models”, addresses issues related to teleconsulting and telediagnosis, the use of telehealth resources in the process of health training, evaluation and quality in PAHO telehealth and enclosure services.




The third and final module of the course presents an overview of telehealth in Latin America, where each of the participating countries presents a telehealth overview in their respective country.

Figure 2. Telehealth Training Course Modules.





Módulo II: Modelos Asistenciales en telesalud y Teleducación

### MÓDULO 02

-  Clase 07 - Teleconsulta y Telediagnóstico
-  Clase 08 - Teleducación - El uso de Recursos de Telesalud en el Proceso de Formación en Salud
-  Clase 09 - Evaluación y Calidad en Servicios de Telesalud
-  Clase 10 - Clausura OPAS
-  Teste de progresión / Teste de Progressão

Módulo III: Panorama de la Telesalud en América Latina e Otros Países (WebAulas)

### MÓDULO 03

-  Nuevo Cronograma
-  Manual de evaluación del alumno
-  Manual de artículos científicos
-  Encuesta de las Variables Comparativas / Pesquisa de Variáveis Comparativas
-  Mejores Prácticas en Telesalud / Melhores Práticas em Telessaúde
-  Clase 11 - La Telesalud en Argentina
-  Clase 12 - 15 Años de la Telesalud en Mexico
-  Clase 13 - La Telesalud en Colombia
-  Clase 14 - La Telesalud en Honduras
-  Clase 15 - La Telesalud en Peru

Source: <http://tecnologia.medicina.ufmg.br/ead/course/view.php?id=18>

Thus, in addition to a course produced by experts in the field, students can experience a rich process of exchanging experiences with professionals from other countries. Students are divided into classes, each class is accompanied by a follow-up tutor who also has its own forum, where information on the activities and clarifications on the use of the platform are posted.

They will be certified by the Faculty of Medicine of UFMG, students who meet all the prerequisites of attending the classes, carry out the activities and participate in the discussion forums and content forums and obtain an appreciation above 70% of the activities.

Given the characteristics presented, the second edition of the Telehealth Training Course provides an excellent opportunity for training and learning for professionals who are beginning to work in the area of telehealth, as well as for professionals who already have experience in the field of telehealth, but who desire to improve the knowledge acquired throughout the practice.