



Asociación Chilena de Informática en Salud

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(past president)

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Telemedicine Workshop Chile 2017 - November 29th, 2017



The development and promotion of scientific and technological knowledge in Health Informatics...

“.. with the ultimate goal of contributing to people’s health care.”

ACHISA - Organization type

- Private Law Corporation, not for profit, active members are professionals and experts from various related disciplines.
- The initiative of its constitution was born on August 21, 2007, on the occasion of Medinfo 2007 in Brisbane, Australia.
- Constituted as legal entity in **2009**.

Active members (voting rights)

Ca. **300** professionals

Healthcare:

- Doctors / Dentists
- Nurses / Midwives
- Veterinarians
- Health Care Technicians and Technologist
- Pharmacists
- Nutritionists
- Kinesiologist

Engineering:

- Software engineers, computer scientists...

Social Sciences:

- Sociologists

Collaborating members (no voting rights)



INTERSYSTEMS



ACHISA International memberships



International Medical Informatics Association
(since 2010)



International Society for Telemedicine & eHealth
(since 2011)

NGO in Official Relations with WHO



Asociación Iberoamericana de Telesalud y Telemedicina
(since 2012)

ACHISA co-organized annual symposium

IS Chile

INICIO

REACTORES

PROGRAMA

INSCRIPCIONES

ORGANIZADORES

III SIMPOSIO CHILENO DE INFORMÁTICA EN SALUD

Participa en el próximo Simposio Chileno de Informática en Salud, organizado por ISChile.

Viernes, 29 de Septiembre de 2017.

Aula Magna, Clínica Alemana de Santiago

Av. Manquehue Norte #1410

www.ischile.org

Chapter about Telemedicine in Chile in the next volume: *Part II* (2018)



International Society for
Telemedicine & eHealth

NGO in Official Relations with WHO

Contact

News feed RSS



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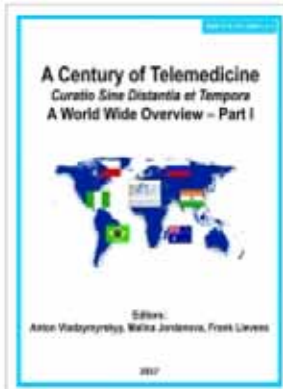
[Working groups](#)

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[Media](#)

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[“A Century of Telemedicine: Curatio Sine Distantia et Tempora. A World Wide Overview ” Part I](#)



Editors: A. Vladzimirskyy, M. Jordanova, F. Lievens

The book “A Century of Telemedicine - A World Wide Overview (Part I)” is the first of a new series, dedicated to a detailed presentation of Telemedicine and eHealth history in various countries. The chapters reveal different national and cultural points of view in the development and implementation of Telemedicine/eHealth solutions for the treatment of patients and wellbeing of citizens. This book provides a glimpse and summarizes the best practical achievements, existing solutions and experiences in six countries - Australia, Brazil, Czech Republic, India, Nigeria and Russia. The goal is to share these experiences with international, national and regional institutions and policy makers as well as with all groups or individuals involved in healthcare. The book was launched during the international Med-e-Tel conference (April 2017,

Luxembourg). This new series was inspired by an original [monograph](#) dedicated to deep scientific analysis of the history of telemedicine technology worldwide.

ISfTeH media and documents

- [ISfTeH e-Journal](#)
- [Call for Consultants](#)
- [Links](#)
- [Newsletters](#)
- [Presentations](#)
- [Press releases](#)
- [Reports](#)
- [Publications](#)
- [National eHealth Strategies](#)
- [Good Practice Models](#)
- [Interviews](#)

Key aspects in Telemedicine service design

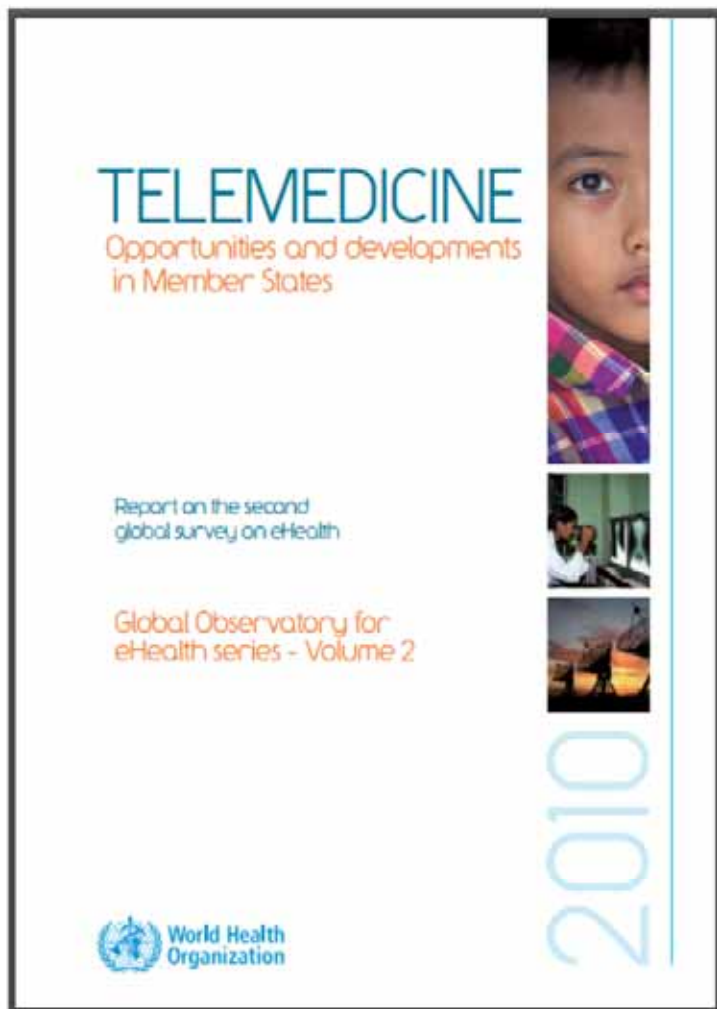
1. **Communication channels**
2. **Care Protocols**
3. **Responsibilities**
4. **Limitations**
5. **Informed consent**
6. **Keeping record**
7. **System's Integration**
8. **Health care networks integration**
9. **Outcomes and KPIs**
10. **Feedback and learned lessons....**

Innovation through Telemedicine

¿ Has anything like this already been done in Chile ?



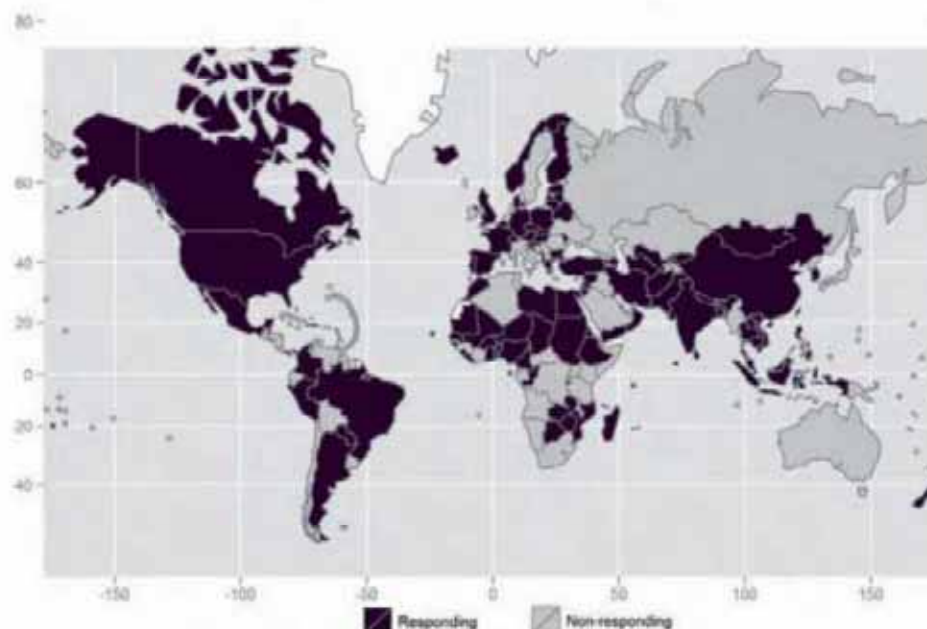
Chile (2010): *Non-responding country*

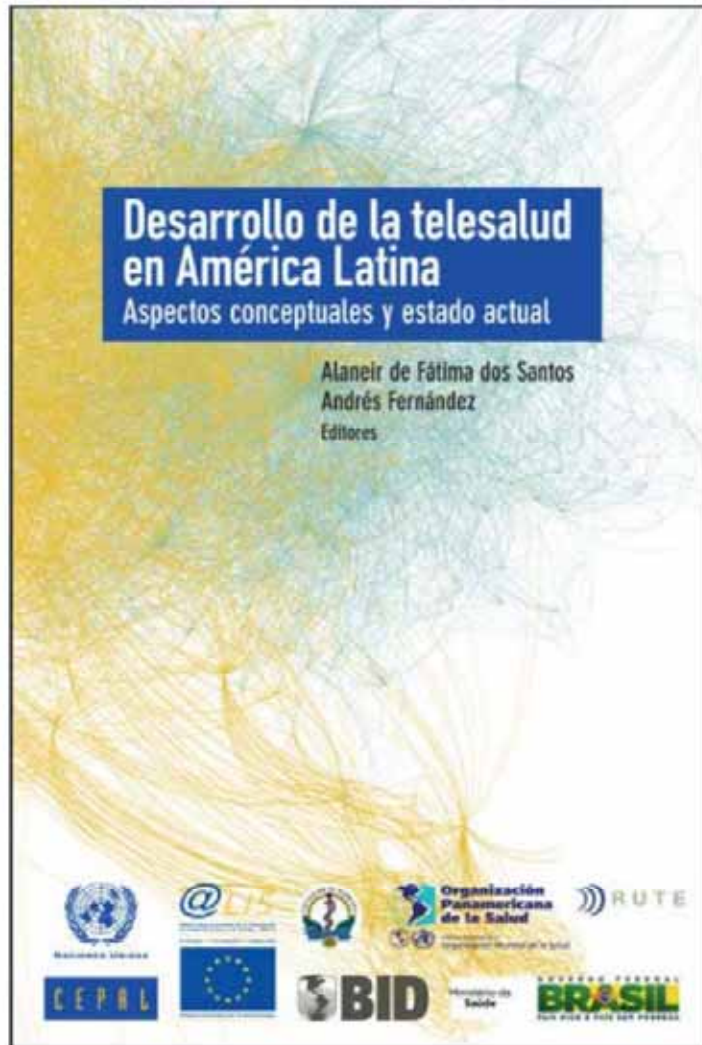


Response rate

Not all Member States completed all seven sections of the survey: 112 completed it entirely and 114 (59% of Member States; 81% of the world's population) completed at least one section (the Telemedicine Section). The response to the 2009 survey is roughly the same as for the previous global survey (58%), which is encouraging considering the 2009 survey instrument is significantly longer than that of 2005/2006. Figure 3 shows the countries that answered the Telemedicine Section of the survey. Tables 4 and 5 show the distribution of those countries by WHO region and World Bank income group, respectively.

Figure 3. Responding WHO Member States





**Programs, experiences and more in
Brazil, Ecuador, México, Colombia, El
Salvador, Guatemala, Venezuela, Costa
Rica, Argentina, Panamá, Peru... (2013)
Chile: missing**

Desarrollo de la telesalud en América
Latina: aspectos conceptuales y estado
actual

Ary Messina, Luiz

Corporate Author(s): NU. CEPAL | BID | Comisión Europea

Editor(s): Dos Santos, Alaneir de Fátima | Fernández, Andrés

Coordinator(s): Barros de Melo, Maria do Carmo | Alves, Humberto José |
Souza, Cláudio de

Date Issued: 2013-10

614 p. : graf., maps., tabs.

UN symbol: LC/L.3670

“Telehealth milestones in Latin America” (2016), Chile: missing

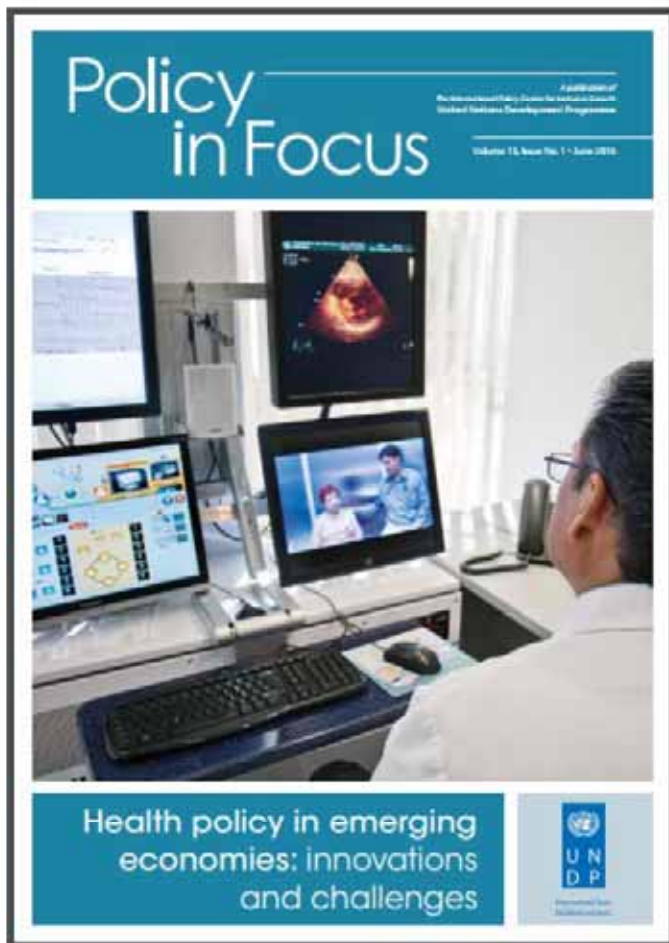


TABLE 1: Telehealth milestones in Latin America

Year	Milestone
1968	Ramiro Iglesias (Mexico) receives electrocardiogram from NASA's Apollo 8 spaceship
1986	Argentina: National Survey Network—PAHO
1995	Mexico: National Telehealth Programme
1996	Costa Rica: NTP—which will later be more slowly developed
1998	Argentina: The Garrahan Hospital connects with Patagonia to perform teleconsultations
2000	Argentina: 1 st Congress on Medical Informatics NTP in Argentina; but it does not materialise
2002	Panamá: NTP Brazil: University of São Paulo—Virtual Man Project
2003	European Community: Project @LIS—Telehealth Healthcare Network, TELMED, EHAS, RedCLARA Brazil: BHTelessaúde, Belo Horizonte; and Health Net, Pernambuco state Argentina: tele-Ophthalmology
2004	Europe/Latin America: RedCLARA
2005	Panamá: telehealth for rural areas and the penitentiary population
2006	Colombia: remote health care Brazil: Telemedicine University Network (RUTE) Ecuador: NTP
2007	Brazil: NTP Colombia: NTP EUROSOCIAL Project I eLAC 2007: Regional Action Plan on the information society in Latin America and the Caribbean, Rio de Janeiro American Telemedicine Association Latin-American & Caribbean Chapter (ATLACC)
2008	II eLAC 2010, El Salvador ECLAC committee for e-health.
2009	Brazil: Regional Policy Protocols for Telehealth in Latin America, financed by the IDB SELA: I seminar on telehealth Latin American Journal of Telehealth
2010	El Salvador: an NTP is in the process of preparation Quito: creation of the Latin American Telemedicine and Telehealth Iberoamerican Association PAHO and Amazon Cooperation Treaty Organization (ACTO) Pan-Amazonic telehealth structure
2011	PAHO: eHealth Action Plan
2012	Mercosul Research Network Guatemala: NTP
2013	Cuba: transmission of ultrasound image in the Hermanos Ameijeiras Hospital, Cuba, and the provinces and the city of Washington, DC, USA
2014	III eLAC, Mexico Bolivia: NTP
2015	Peru: regulation framework

Initiatives 2017-2018

eHealth initiatives registry from PAHO
<http://www.paho.org/ict4health/projects/>
Chile: a total of 31 e-Health initiatives,
only 7 about telemedicine



PAHO eHealth

Iniciativas de eSalud

Acceda a información descriptiva de los proyectos de instituciones que aplican tecnologías de la información y la comunicación (TICs) en salud.

Chile

[Home](#) [PAHO eHealth](#) [Access by Country](#) [Access by Topic](#) [Maps](#) [Información](#)

Initiatives List

Pais: Chile

Chile

Todas las regiones

- (+) Salud occidente
- Biblioteca Ministerio de Salud
- Colaboración Evaluación de la eficacia de un programa de educación para personas con diabetes tipo 2 a través de internet
- Desarrollo de soluciones informáticas para el cuidado de pacientes postrados y otras condiciones
- Desarrollo de un modelo de atención telefónica (mats) para personas con diabetes tipo 2
- Diplomado de Informática en Salud conducente a Magister en Informática
- Diplomado en Informática en Enfermería
- Diplomado en Informática Médica
- Eficacia de una terapia cognitivo-conductual apoyada por el computador para adolescentes con depresión en atención primaria de salud en Santiago de Chile
- Estándares de Informática en Salud

Initiative details (Chile)

Nombre/título de la iniciativa:
Teleconsulta Neurológica

Nombre de la institución/organización que ejecuta la iniciativa:
Ministerio de Salud Pública

Tipo de institución/organización:
Gubernamental

Categoría(s):
Telesalud (incluida la telemedicina)

¿Qué tema(s) de salud abarca?

La iniciativa es:
Regional

¿En qué lugares se está implementando la iniciativa? (región)
Metropolitana de Santiago

El proyecto beneficia a:

¿A Cuál?

¿Cuándo empezó la iniciativa?

¿Sigue activa?

¿Cuándo terminó?



Setup of a Telemedicine Registry (Chile)

A registry/directory about telemedicine projects, programs, services, pilots and experiences in Chile

**A free and publicly available
telemedicine project's registry**

**Maintained and supported by the
community**

Experience and knowledge sharing

Facilitating national and
international reporting

No commercial purposes

Ways to contribute either as an individual or as an organization:

- Submit a brief description about your current or past Telemedicine project, program, service or pilot (see next slide).
- Join the “alliance” to contribute to the telemedicine registry platform design, setup and maintenance over time (by signing specific MoU).

For any enquiry, please contact:

Maurizio Mattoli (mmattoli@achisa.org)

Submitting your project, program or pilot brief description to the Chilean Telemedicine Registry

<http://telemedicina.achisa.cl>

¡ALREADY AVAILABLE!



The screenshot shows the website for the Chilean Telemedicine Registry. At the top left is the ACHISA logo (Asociación Chilena de Hospitales de Telemedicina) and the IS Chile logo. On the right, there are social media icons for Facebook and Twitter, and a 'Volver' button. The main heading reads 'Solicitud de registro en el Directorio de Proyectos, Programas y Servicios de Telemedicina en Chile'. Below this, a paragraph of text explains the importance of innovation in health through telemedicine and the need for validation from various perspectives (clinical, technological, administrative), highlighting the organizational challenge and the value of sharing experiences.

Redimensionar fuente:   [Volver](#)

Solicitud de registro en el Directorio de Proyectos, Programas y Servicios de Telemedicina en Chile

Innovar en salud a través de la Telemedicina conlleva siempre el rediseño de los procesos y con ello también la necesidad de su validación desde distintas perspectivas (clínica, tecnológica, administrativa). Se trata sin embargo de un desafío sobre todo organizacional. Por esta razón cobra especial relevancia la posibilidad de poder conocer y compartir la noción de las distintas experiencias en Telemedicina que se han llevado a se están llevando a cabo en nuestro país, ya sea bajo la forma de pilotos, proyectos o programas estables.

¡ Thank you !

Join us !



More information about ACHISA, contact:

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amauro@achisa.org