



## **IMIA Telehealth WG 2022 Report (June 2021 – June 2022)**

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### **[WG Website](#)**

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## **1. Achievements – IMIA WG Events and projects conducted, and publications completed**

The telehealth working group has 79 members from 20 countries across the globe (names and email addresses of individual members are available upon request, or can be downloaded from the following site, <http://bit.ly/3XC00eV>). Out of 79 members, 30 (38%) actively participate in the discussions, and attend online meetings and gatherings to jointly write papers,

1. WG members held six community calls between June 2021 and June 2022 all being online. The meetings were held in July 2021, August 2021, February 2022, March 2022. The chair from New Zealand and co-chair from Arizona USA have been conducting these separate meetings suitable to their respective time zones.
2. WG members actively participated in discussion threads in the IMIA THWG Google Forum. Over 1000 discussion threads and posts are there on record.
3. Collectively, the WG members published 67 papers relevant to Telehealth or otherwise data or ideas from participating in workgroup activities in different journals that are nationally and internationally reputed and represent the viewpoints of the telehealth working group.
4. WG members jointly drafted and successfully published the following two articles published in the Yearbook:

- Basu A, Kuziemy C, de Araújo Novaes M, Kleber A, Sales F, Al-Shorbaji N, Flórez-Arango JF, Gogia SB, Ho K, Hunter I, Iyengar S (2021). Telehealth and the COVID-19 pandemic: international perspectives and a health systems framework for telehealth implementation to support critical response. Yearbook of Medical Informatics. 2021
- Telehealth as a means of enabling health equity - accepted for publication. Kuziemy C, Hunter I, Udayasankaran JG, Ranatunga P, Kulatunga G, John S, John O, Flórez-Arango JF, Ito M, Ho K, Gogia SB, Araujo K, Rajput VK, Meijer WJ, Basu A. Yearb Med Inform. 2022 Jun 2. doi: 10.1055/s-0042-1742500. <https://pubmed.ncbi.nlm.nih.gov/35654429/>

5. The following WG members made 14 presentations at international conferences that contributed to representing views and themes part of WG

Shashi Gogia and Anandhi Ramachandran successfully submitted the following for IMIA Medinfo 2021. They are part of the Medinfo 2021 abstracts

- “Totally Online Complex Decongestive Therapy (CDT) Initiation for Lymphedema”,
- “COVID 19 Care Call-in Helpline. A Report from India”,
- ‘Simplified Community Based Telecare During The COVID-19 Pandemic”

6. Two members, Alan Taylor and Wouter Meijer put together a working party to undertake a project on standardization of the worldwide Telehealth practices and produced an initial working document as outlined below. Wouter Meijer and Alan Taylor the Telehealth Guidance Program of the IMIA Telehealth Working Group. Wrote the Terms of Reference and Plan of Action for the Telehealth Guidance Program, that have been established by the Group in February 2022.

We have listed the following country-based activities as evidence of the working group members’ involvement:

1. Seven Monthly Community Calls
2. 1000 discussion items

**2. Describe WG/SIG Participation - Engagement and participation in IMIA, IMIA Region or member health informatics events and activities in the past year**

[Submission to the Yearbook are mentioned above](#)

- Wouter Meijer and Alan Taylor wrote the following:

Meijer, W., & Taylor, A. (2022). ISO/IEC-Standards on Quality and Safety of Telehealth Services and Mobile Medical Apps. In P. Otero, P. Scott, S. Z. Martin, & E. Huesing (Eds.), *MEDINFO 2021: One World, One Health - Global Partnership for Digital Innovation - Proceedings of the 18th World Congress on Medical and Health Informatics* (pp. 508-511). (Studies in Health Technology and Informatics; Vol. 290). IOS Press BV. <https://doi.org/10.3233/SHTI220128>

**3. Provide details of the WG/SIG’s Outreach - Recruitment and engagement of new members and target communities, publicity, and representation at major events and/or on social media.**

SB Gogia runs the SATHI Digital Health Assistant (DHA) Program which is inducting young adults to work as digitally enable clinical assistants either directly at clinics or independently in remote areas to provide support to the local community through telehealth.

Co-chair Sriram Iyengar delivered an information session about IMIA-THWG to colleagues at the University of Arizona

Marcia Ito made the following presentations at International Conferences on Telehealth

- a. Ito, M. “*Cuidados no uso secundário de dados em saúde*” (Cautions in the secondary use of health data) presented at the pre-event of VIII Escola Regional de Computação Aplicada em Saúde (ERCAS-SP). 07/15/2021. São Paulo. SP.
- b. Ito, M. “*Experiências e pesquisa em informática em saúde*” (Experiences and research in health informatics) presented at V Seminário dos Estudantes de Tecnologia em Saúde (V SETES). Programa de Pós-Graduação em Tecnologia em Saúde. Pontifícia Universidade Católica do Paraná (PUC-PR). 09/24/2021. Curitiba. PR.
- c. Ito, M. “Process Mining: O que é e como aplicar na saúde?” (Process Mining: What is it and how to apply it in healthcare?) presented at XIX Semana Brasileira de Informática Biomédica. 10/18/2021. Ribeirão Preto. SP.
- d. Ito, M. Jr. Moura, L. panel about Digital Health Strategies for Brazil 2020-2028 presented at Health Tech 2021: O Futuro da Saúde Digital. ASSESPRO-RJ. 10/28/2021. Rio de Janeiro. RJ.
- e. Ito, M. “Patient Portals and Digital Patient Provider Communication” presented in the panel: Patient Engagement with Health IT. In:17th International Conference of Telemedicine Society of India. Telemedicine Society of India. 11/14/2021. Lucknow. India.
- f. Ito, M. “Os desafios da visualização de dados na saúde digital” (The challenges of data visualization in digital health) presented at I International Symposium of Design and Innovation in Health. Laboratório Design para Saúde. Faculdade de Arquitetura e Urbanismo. Universidade de São Paulo. 06/09/2022. São Paulo. SP.

Craig Kuziemsky did the following two presentations related to Health Information and Telemedicine in particular:

- g. Kuziemsky, C., Nohr, C., Peute, L., & Kukhareva, P., 2022. “Improving Research Ethics Review in Human and Organizational Factor Studies”, Presented at MIE 2022, Nice, France.
- h. Kukhareva, P., Kuziemsky, C., Nohr, C., Sittig, D., Ozkaynak, M. How to Include UN Sustainable Development Goals in Socio-technical Models for Health Information Technology? Workshop presentation at AMIA 2022, Washington, DC.

Farhad Fatehi made the following presentations

- i. Farhad Fatehi. Information Security and Confidentiality in Telemedicine. *International Telemedicine Conference*. 22-23 Feb 2022, Isfahan University of Medical Sciences, Isfahan, Iran.
- j. Farhad Fatehi. Mobile Health from Clinical Perspective. 3 Jan 2022. Kerman University of Medical Sciences, Kermna, Iran. [Online Presentation]
- k. Farhad Fatehi. Digital Health: An Overview of the Role of Digital Technologies in Healthcare. 16 Aug 2021. Isfahan University of Medical Sciences, Isfahan, Iran. [Online Presentation]
- l. Farhad Fatehi. An Introduction to My Health Record (The Australian National Electronic Health Records) - 13 July 2021, Iranian Academy of Medical Sciences, Tehran, Iran. [Online Presentation]

Mahnaz made the following presentations:

- m. Mahnaz Samadbeik. Covid-19 Mobile Apps. 5<sup>th</sup> Conference on Information Technology & Health Promotion focusing on telehealth. 18-20 June 2022, Aja University of Medical Science, Tehran, Iran.
- n. Mahnaz Samadbeik. National Health Information Systems. 12<sup>th</sup> Digital Health Discourse. 20 Oct 2021, Health Information Technology Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.

#### 4. Current List of members:

We have 79 members. The list of members are as follows:

	Name of the member	Country
1	Amadeus Campos	Brasilia
2	Alan Taylor	Australia
3	Anandhi Ramachandran	India
4	Anthony Maeder	Australia
5	Arindam Basu	New Zealand
6	Craig Kuziemsky	Canada
7	Dr Charles Umeh	Nigeria
8	Elaine Huesing	Canada
9	Fernando Sales	Brasilia
10	Gumindu Kulatunga	Sri Lanka
11	Gunnar Hartvigsen	Norway
12	Humberto Fernand Mandirola Brioux	Argentina
13	Inga Hunter	New Zealand
14	Jai Ganesh Udayasankaran	India
15	Jose	Peru
16	Kendall Ho	Canada
17	Kleber Araujo	Brasilia
18	Magdala Novaes	Brasilia
19	Marcia Ito	Brasilia
20	Mowafah	Saudi Arabia
21	Najeeb Al-Shorbaji	Jordan
22	Prasad Ranatunga	Sri Lanka

23	SB Gogia	India
24	Sheila John	India
25	Sriram Iyengar	USA
26	Susheel John	India
27	Sushil Meher	India
28	Vije Kumar Rajput	U K
29	Wouter Meijer	Netherlands
30	Abhishek	India
31	Alvin Marcelo	Phillipines
32	Anil Kuthiala	South Africa
33	Anis Fuad	Indonesia
34	Anupama Ginige	Australia
35	Arjun Kalyanpur	India
36	Ashok Tripathi	India
37	Ashvini Goel	India
38	Booncha Kijsanayotinn	Thailand
39	Brenda Anne Faye	South Africa
40	Chris Pearce	Australia
41	Christina	USA
42	Christoph Lehmann	USA
43	Doctor Gupta	USA
44	Emilia Olpz	
45	Emmett Huang	USA
46	Farhad Fatehi	Australia
47	Fernando Plazzotta	Argentina
48	Filipe Silva	Brasilia
49	Ganesh Joshi	India
50	GS Saiya	India
51	Haleem Ali	
52	Heimar	
53	Helen Ying Wu	China

54	Iro	Brasilia
55	KD Shrivastav	India
56	Klaus Veil	Australia
57	Konstantin Chebotaev	Russia
58	Kriti Gogia	USA
59	Kwaite	Canada
60	Livia Bellina	Italy
61	Luis Tromso	Brasilia
62	Mahnaz Samadbeik	
63	Maurice Mars	South Africa
64	Michio Kimura	Japan
65	Patricia Abbott	USA
66	Pramod Jacob	India
67	Raj	India
68	Renato Sabbatini	Brasilia
69	S Lavanian	India
70	Sabine Koch	Sweden
71	Sanjay Bedi	India
72	Sonata Skazka	
73	Stony Net	
74	USM Bish	India
75	Vajira	Sri Lanka
76	Vignesh Subbian	USA
77	Vivek Sahi	India
78	VSL AIIMS	India
79	Vuma Magaqa	South Africa