

Digital Health

Group leader

Gomis Pastor, Mar (FGS)

Researchers

Berdun Peñato, Jesús (FGS)

Borràs Santos, Alicia (FGS)

Fernández-Montells Rama, Beatriz (FGS)

García Moya, Alba (FGS)

Ontiveros Rodríguez, Gerardo Diego (FGS)

Real Gatus, Jordi (FGS)



DESCRIPTION

The constant evolution of the healthcare sector demonstrates that integrating digital technologies in the medical field is essential for improving both the efficiency and quality of healthcare services. Digital technologies—including the use of mobile devices, applications, and telemedicine—have radically transformed the way healthcare professionals interact with patients and manage their clinical practice.

The Digital Health research group aims to establish a robust scientific foundation for the implementation of these technologies and to foster a collaborative innovation ecosystem. By doing so, the impact of innovations on daily clinical practice will be maximised, thereby contributing significantly to the digital transformation of the healthcare system.

MAIN LINES OF RESEARCH

- Validacions de tecnologies digitals en l'àmbit de la salut
- Redefinició de processos i rutes assistencials, en clau digital
- Anàlisi d'eines digitals implementades en la pràctica clínica ("Real World Evidence")
- Salut Digital basada en el Valor
- Interseccionalitat en la salut digital
- Ideació, disseny i/o creació de tecnologies mitjançant mètodes qualitius).

SCIENTIFIC PRODUCTION

- Collado-Borell, R., Gomis-Pastor, M., Rodríguez-Cabezas, MA., Parro-Martín, A., Linares-Alarcón, A., Gutiérrez, E., Colominas-González, E., Fernández-Polo, A., Domínguez-Cantero, M., Arrondo-Velasco, A., & Morillo-Verdugo, R. Guide for the efficient and safe delivery of Telepharmacy. Health Policy and Technology. 2024; 13(4): 100899. DOI:10.1016/j.hlpt.2024.100899. PMID:0. IF:3,400 (Q1/2D). Document type: Article.
- Gomis-Pastor M, Berdún J, Borrás-Santos A, De Dios López A, Fernández-Montells Rama B, García-Esquirol Ó, Gratacòs M, Ontiveros Rodríguez GD, Pelegrín Cruz R, Real J, Bachs I Ferrer J, Comella A. Clinical Validation of Digital Healthcare Solutions: State of the Art, Challenges and Opportunities. Healthcare (Basel). 2024; 12(11):1057. DOI:10.3390/healthcare12111057. PMID:38891132. IF:2,400 (Q2/5D). Document type: Review.
- López AD, Real J, Meza C, Borràs A, Collado R, Escudero V, Gomis M. Validation of a Questionnaire to Assess the Usability of and User Experience with Mobile Health Applications. Healthcare. 2024; 12(23):2328. DOI:10.3390/healthcare12232328. PMID:39684949. IF:2,400 (Q2/5D). Document type: Article.