CURRÍCULUM VÍTAE NORMALIZADO

Carlos Luis Parra Calderón

Generated from: Editor CVN de FECYT

Date of document: 28/08/2025

v 1.4.3

06291d87c8cca91fcfb49c490fe1e44f

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: http://cvn.fecyt.es/

GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

PhD in Software Engineering, Posgraduate Diploma in Organisational Engineering and Degree in Economics from the University of Seville.

Head of the Technological Innovation Section of the Hospital Universitario Virgen del Rocío.

Head of the Computational Health Informatics Group at the Instituto de Biomedicina de Sevilla.

Principal investigator in R&D projects at regional and European level (Index H:16), member of the Spanish Institute of Bioinformatics INB, node of ELIXIR-ES (https://inb-elixir.es). In execution, coordinator of the consortium of the project 'Next-Gen Health Data Management' of the EIT Health Flagship 2025 Educational call. Running, at European level, PI of the Servicio Andaluz de Salud (SAS) partner in the Digital Europe INDICATE (https://indicate-europe.eu) and EUCAIM (https://cancerimage.eu) Data Spaces of Europe projects.

Already completed, Consortium Coordinator of the project 'FAIR4Health: Improving Health Research in EU through FAIR Data' (https://www.fair4health.eu), 14 partners from 12 countries, from 01/12/2018 to 30/11/2021. PI in the European Action COST IS1303 (CHIP ME), in the SmokeFreeBrain project (H2020-HCO06-2015), Hearten (H2020-PHC26-2014), REWIRE (FP7 2011) and Researcher in the H@H project (AAL 2008).

Ongoing, at national level, currently Principal Investigator of the SAS partner in IMPaCT-Data 2, member of the Steering Committee.

Trustee of FIDETIA (Foundation for Research and Development of Information Technologies in Andalusia) since 2020.

Board of Directors of the Sociedad Española de Informática de la Salud (SEIS), Representative in Andalusia, Coordinator of its Scientific Advisory Committee and member of its Artificial Intelligence Technical Committee.

Representative of Spain in the International Medical Informatics Association (IMIA) and member of the Scientific Committee of MEDINFO 2025 (World Congress of Medical Informatics). Chair of the IMIA 'Health Information Systems' Working Group.

Spanish representative in the European Federation for Medical Informatics (EFMI), Treasurer of EFMI and member of the Board. EFMI representative in the EOSC (European Open Science Cloud) Association. Co-Chair of the EFMI 'Translational Health Informatics' Working Group.

Member of the American Medical Informatics Association AMIA.

Member of CTN 139 on Health Informatics and CTN_UNE 71 SC42 on 'Artificial Intelligence and Big Data' of the Spanish Standardisation Agency UNE. ISO 215 expert, Chair of WP2 for the ISO/PWI 24305 project 'Guidelines for implementation of HL7/FHIR based on ISO 13940 and ISO 13606' and member of ISO/IEC JTC 1/SC 42/JWG 3 'Joint Working Group ISO/IEC JTC1/SC42 - ISO/TC 215 WG : AI enabled health informatics'.

Board of Directors of the Asociación de Profesionales de Informática Sanitaria de Andalucía (APISA). Member of the Sociedad Española de Procesamiento del Lenguaje

Natural SEPLN. Former Technical Director of HL7 Spain. Member of the Editorial Committee of JMIR Medical Informatics.

International Visitor Leadership Program IVLP of the US Department of State on 'Health Innovation' in February 2020.

Proposal evaluator and project reviewer for the European Commission, specifically for REA, HaDEA, EIC, COST and EIT Health. At national level, AEI, ISCIII, Consejería de Salud de la Junta de Andalucía and other regional and academic agencies.

B.2. Breve descripción del Trabajo de Fin de Máster (TFM) y puntuación obtenida

Health business process modelling.

Leadership Merits

Brief presentation of the merits related to leadership activities of special relevance.

General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

WoS: 79 Publications, 706 Citing Articles, 16 H Index

Carlos Luis Parra Calderón

Surname(s): **Parra Calderón**
Name: **Carlos Luis**
ORCID: **0000-0003-2609-575X**
ScopusID: **24332533000**
ResearcherID: **C-9315-2015**
Personal web page: **https://www.linkedin.com/in/carlosluisparra/**

Current professional situation

1 **Employing entity:** IBIS. Instituto de Investigación Biomédica de Sevilla
Type of entity: Healthcare Institutions
Professional category: Principal Investigator
Leadership and management (Y/N): Yes
City employing entity: Spain
Start date: 01/04/2015
Type of contract: Statutory
Dedication regime: Full time
Primary (UNESCO code): 110100 - Application of logic; 120304 - Artificial intelligence; 120317 - Informatics; 120318 - Information systems; design and componente; 120320 - Medical monitoring systems
Secondary (UNESCO code): 331499 - Other (specify); 710304 - Ethics of science

2 **Employing entity:** Instituto Nacional de Sanidad (ISCIII)/ Sociedad Española de Informática de la Salud (SEIS)
Professional category: Adjunct professor in the Master's Degree in Health Information and Communication Technologies and Systems Management
Leadership and management (Y/N): Yes
City employing entity: Sevilla, Spain
Start date: 01/11/2013
Dedication regime: Part time

3 **Employing entity:** Hospital Universitario Virgen del Rocío
Type of entity: Healthcare Institutions
Professional category: Head of the Technological Innovation Section
Leadership and management (Y/N): No
City employing entity: Sevilla, Andalusia, Spain
Start date: 01/06/2011
Type of contract: Statutory
Dedication regime: Full time
Area of leadership and/or management activity: Spanish Autonomous Region

Previous positions and activities

	Employing entity	Professional category	Start date
1	Hospital Universitario Virgen del Rocío		01/06/2001

	Employing entity	Professional category	Start date
		Head of R&D&I of the Information Technology Department	
2	Hospital Universitario Virgen del Rocío	Head of Service	1998
3	Hospital Universitario Virgen del Rocío	Advanced Technician	01/06/1994

1 **Employing entity:** Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
City employing entity: Sevilla, Andalusia, Spain
Professional category: Head of R&D&I of the Information Technology Department **Leadership and management (Y/N):** No
Start-End date: 01/06/2001 - 30/05/2011
Type of contract: Statutory
Dedication regime: Full time
Area of leadership and/or management activity: Spanish Autonomous Region

2 **Employing entity:** Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
Department: Tecnología de la Información
City employing entity: Sevilla, Andalusia, Spain
Professional category: Head of Service **Leadership and management (Y/N):** No
Start-End date: 1998 - 30/05/2001
Type of contract: Statutory
Dedication regime: Full time
Area of leadership and/or management activity: Spanish Autonomous Region

3 **Employing entity:** Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
Department: Information Technologies (IT)
City employing entity: Sevilla, Andalusia, Spain
Professional category: Advanced Technician **Leadership and management (Y/N):** No
Start-End date: 01/06/1994 - 30/12/1997
Type of contract: Statutory
Dedication regime: Full time
Area of leadership and/or management activity: Spanish Autonomous Region

Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: Higher degree
Name of qualification: Bachelor's Degree in Economics and Business Administration
Degree awarding entity: Universidad de Sevilla **Type of entity:** University
Date of qualification: 01/02/1991

Doctorates

Doctorate programme: Official Doctoral Programme in Software Engineering
Degree awarding entity: Escuela Técnica Superior de Ingeniería Informática de la Universidad de Sevilla **Type of entity:** University
Date of degree: 08/07/2025

Other postgraduate university studies

Type of education: Masters
Postgraduate qualification: POSTGRADUATE DIPLOMA IN ORGANIZATIONAL ENGINEERING
Degree awarding entity: Escuela Técnica Superior De Ingeniería, Universidad De Sevilla
Date of qualification: 01/06/2005

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	B2	C1	C1	B2	B2

Teaching experience

General teaching experience

1
Type of teaching: Official teaching
Type of teaching: Clases
University degree: Health Engineering
End date: 26/02/2016
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: Escuela Técnica Superior de Ingeniería Informática / Universidad de Sevilla

2 **Type of teaching:** Official teaching
Type of teaching: Master
University degree: Official Master's Degree in Computer and Network Engineering
End date: 09/12/2015
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 2
Entity: Escuela Técnica Superior de Ingeniería Informática / Universidad de Sevilla

3 **Type of teaching:** Unofficial teaching
Name of the course: Data management for health and biomedicine research
Type of programme: Master's degree **Type of teaching:** Master
University degree: Master's Degree in Health Information and Communication Systems and Technologies Management
Start date: 01/09/2014
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
City of entity: Madrid, Spain
Subject language: Spanish

Courses and seminars given

1 **Type of event:** Seminar
Name of the event: Master's Degree in Bioinformatics and Data Science in Personalised Precision Medicine and Healthcare
Organising entity: Escuela Nacional de Salud - ISCIII
Hours of teaching: 1,5
Teaching date: 30/01/2025
Theme: Other topics

2 **Type of event:** Seminar
Name of the event: Master's Degree in Bioinformatics and Data Science in Personalised Precision Medicine and Healthcare
Organising entity: Escuela Nacional de Salud - ISCIII
Hours of teaching: 1,5
Teaching date: 2024
Theme: Other topics

3 **Type of event:** Seminar
Name of the event: Master's Degree in Bioinformatics and Data Science in Personalised Precision Medicine and Healthcare
Organising entity: Escuela Nacional de Salud - ISCIII
Hours of teaching: 1,5
Teaching date: 2023
Theme: Other topics

4 **Type of event:** Seminar
Name of the event: Master's Degree in Bioinformatics and Data Science in Personalised Precision Medicine and Healthcare

Organising entity: Escuela Nacional de Salud - ISCIII
Hours of teaching: 1,5
Teaching date: 2022
Theme: Other topics

5 **Type of event:** Seminar
Name of the event: Master in Bioinformatics
Organising entity: Universidad Europea de Madrid **Type of entity:** University
Hours of teaching: 2
Teaching date: 19/04/2021
Theme: Formación Docente

6 **Type of event:** Seminar
Name of the event: Master's Degree in Bioinformatics and Data Science in Personalised Precision Medicine and Healthcare
Organising entity: National School of Health - ISCIII
Hours of teaching: 1,5
Teaching date: 2021
Theme: Other topics

7 **Type of event:** Seminar
Name of the event: Master's Degree in Bioinformatics and Data Science in Personalised Precision Medicine and Healthcare
Organising entity: National School of Health - ISCIII
Hours of teaching: 1,5
Teaching date: 2020
Theme: Other topics

Participation in innovative teaching projects

Project title: Next-Gen Health Data Management: Architecture, Integration, and Smart Implementation
Type of participation: Co-ordinator
Contribution to the project: Ideólogo y coordinador del proyecto.
Dedication regime: Part time
Time of working relationship: For a limited time
Name of the main researcher: Carlos Luis Parra Calderón
Number of participants: 6
Amount awarded: 49.775 €
Funding entity: EIT Health - Flagships: Training Modules towards EIT Labelled Certification (CERT)
Type of call: Competitive
Geographical area: European Union
Start-End date: 10/01/2025 - 31/12/2025 **Duration:** 11 months

Other teaching merits

Healthcare experience

Healthcare innovation projects

Name of the project: International Visitor Leadership Program IVLP sobre “Health Innovation”
Type of project: Healthcare management
Entity where project took place: US State Department
Start date: 09/02/2020 **Duration:** 14 days

Scientific and technological experience

Research and development groups/teams

1 **Name of the group:** Computational Health Informatics Group
Name of principal investigator: CARLOS LUIS PARRA CALDERON
Affiliation entity: IBIS. Instituto de Investigación Biomédica de Sevilla **Type of entity:** Public Research Body
Start date: 01/04/2015

2 **Name of the group:** TECHNOLOGICAL INNOVATION GROUP
Name of principal investigator: CARLOS LUIS PARRA CALDERON
City of group: Sevilla,
Affiliation entity: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
Start date: 01/01/2005

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

1 **Name of the project:** INDICATE: Connecting Data in European Intensive Care
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Geographical area: European Union
Degree of contribution: Scientific coordinator
Entity where project took place: Hospital Universitario Virgen del Rocío
Type of entity: Healthcare Institutions
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 60
Funding entity or bodies:
Digital Europe
Type of entity: State agency
City funding entity: Bruselas

Type of participation: Principal investigator
Name of the programme: Digital Europe
Code according to the funding entity: GA 101167778
Start-End date: 01/12/2024 - 31/05/2028
Duration: 4 years
Total amount: 9.993.140,37 €
Sub-project amount: 654.947 €
Percentage as grant: 50
Percentage as credit: 0
Dedication regime: Part time

2 **Name of the project:** IMPaCT Data 2
Type of project: Research and development, including transfer
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA
Type of entity: State agency
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 5
Type of participation: Principal investigator
Name of the programme: IMPaCT
Code according to the funding entity: IMP/00019
Start-End date: 01/07/2025 - 31/12/2026
Duration: 18 months
Total amount: 113.982 €

3 **Name of the project:** European Federation for Cancer Images EUCAIM
Type of project: Research and development, including transfer
Geographical area: European Union
Degree of contribution: Scientific coordinator
Entity where project took place: Hospital Universitario Virgen del Rocío
City of entity: Sevilla, Ecuador
Name principal investigator (PI, Co-PI....): Fransico Javier Castell Monsalves; Parra Calderón Carlos Luis
Nº of researchers: 5

Type of participation: Team member
Name of the programme: HE DIGITAL-2022-CLOUD-AI-02-CANCER-IMAGE
Code according to the funding entity: GA 101100633
Start-End date: 01/01/2023 - 31/12/2026 **Duration:** 48 months
Total amount: 17.789.829,02 € **Sub-project amount:** 172.002,5 €
Percentage as grant: 100
Dedication regime: Part time

4 **Name of the project:** Nueva herramienta basada en Inteligencia Artificial y Biomarcadores para el diagnóstico precoz no invasivo del cáncer de páncreas: AI-Early PanC
Type of project: Research and development, including transfer **Geographical area:** National
Degree of contribution: Scientific coordinator
Entity where project took place: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 20
Funding entity or bodies:
Agencia Estatal de Investigación **Type of entity:** State agency
City funding entity: Madrid, Spain

Type of participation: Principal investigator
Name of the programme: Proyectos de Colaboración Público-Privada
Code according to the funding entity: CPP2022-009592
Start-End date: 01/10/2023 - 30/09/2026
Total amount: 2.330.406 € **Sub-project amount:** 269.826 €
Percentage as grant: 100 **Percentage as credit:** 0
Dedication regime: Part time

5 **Name of the project:** Development of the Data Curation Tool 2.0 for the FAIRification of clinical data and images in federated environments (FAIRHealth).
Entity where project took place: Hospital Universitario Virgen del Rocío - Instituto de Biomedicina de Sevilla **Type of entity:** Public Research Body
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 6
Funding entity or bodies:
Secretaría de Estado de Digitalización e IA

Start-End date: 19/05/2025 - 30/06/2026
Total amount: 217.929 €

6 **Name of the project:** FEDERA Salud (Caso de Uso de Espacio de Datos Sectorial)
Entity where project took place: Hospital Universitario Virgen del Rocío - Instituto de Biomedicina de Sevilla **Type of entity:** Public Research Body
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 6
Funding entity or bodies:
Secretaría de Estado de Digitalización e IA

Start-End date: 01/01/2025 - 30/06/2026
Total amount: 400.000 €

7 **Name of the project:** Next-Gen Health Data Management: Architecture, Integration, and Smart Implementation
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services **Geographical area:** European Union
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: EIT Health
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 15
Type of participation: Co-ordinator
Name of the programme: EIT Health Flagship 2025: Training Modules towards EIT Labelled Certification (CERT)
Code according to the funding entity: 2024-CERT-9262
Start-End date: 10/01/2025 - 31/12/2025 **Duration:** 1 year
Total amount: 72.200 € **Sub-project amount:** 29.700 €
Percentage as grant: 70
Dedication regime: Part time

8 **Name of the project:** OHDO: Open Health research support Digital Objects life-cycle tool
Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency
City of entity: Sevilla, Andalusia, Spain
Nº of researchers: 6
Start-End date: 01/01/2024 - 31/12/2025
Total amount: 84.716,67 €

9 **Name of the project:** Fast LeArniNg coviD 19 carE System
Type of project: Research and development, including transfer **Geographical area:** National
Degree of contribution: Scientific coordinator
Entity where project took place: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 10
Type of participation: Principal investigator
Name of the programme: IX Convocatoria de Becas Gilead a la Investigación Biomédica
Code according to the funding entity: IX Becas Gilead
Start-End date: 09/02/2023 - 08/02/2025
Total amount: 49.450 €
Dedication regime: Part time

10 **Name of the project:** IMPaCT Data
Type of project: Research and development, including transfer **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions

City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 5
Type of participation: Principal investigator
Name of the programme: IMPaCT
Code according to the funding entity: IMP/00019
Start-End date: 01/01/2021 - 31/12/2024 **Duration:** 3 years
Total amount: 4.549.380 €

11 **Name of the project:** Healthy Cloud: HealthyCloud – Health Research & Innovation Cloud
Type of project: Technical viability study **Geographical area:** European Union
Degree of contribution: Scientific coordinator
Entity where project took place: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 4
Type of participation: Principal investigator
Name of the programme: H2020
Code according to the funding entity: SC1-HCC-10-2020
Start-End date: 01/03/2021 - 31/08/2023 **Duration:** 30 months
Sub-project amount: 169.375 €
Percentage as grant: 100
Dedication regime: Part time

12 **Name of the project:** SmartPITeS: Learning Health System para la asistencia integrada y la gestión de la adherencia al tratamiento de pacientes crónicoscomplejos.
Geographical area: NACIONAL
Entity where project took place: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): CARLOS LUIS PARRA CALDERON
Nº of researchers: 12
Funding entity or bodies:
INSTITUTO DE SALUD CARLOS III **Type of entity:** State agency

Type of participation: Co-ordinator
Name of the programme: AES 2018
Code according to the funding entity: PI18/00700
Start-End date: 01/12/2019 - 31/12/2021
Total amount: 182.710 €

13 **Name of the project:** FAIR4Health: Improving Health Research in EU through FAIR Data
Geographical area: UNIÓN EUROPEA
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Hospital Universitario Virgen del Rocío
Name principal investigator (PI, Co-PI....): CARLOS LUIS PARRA CALDERON
Funding entity or bodies:
COMISIÓN EUROPEA
City funding entity: Bruselas

Type of participation: Co-ordinator

Name of the programme: H2020-SWAFS-SCIENCE WITH AND FOR SOCIETY
Code according to the funding entity: GA 824666
Start-End date: 31/12/2018 - 30/11/2021
Total amount: 403.563 €

14 **Name of the project:** PT ISCIII 2017 LEAL GONZÁLEZ, SANDRA PT17/0005/0032 G-MI
Geographical area: NACIONAL
Name principal investigator (PI, Co-PI....): SANDRA LEAL GONZALEZ
Funding entity or bodies:
INSTITUTO DE SALUD CARLOS III

Type of participation: OTROS
Code according to the funding entity: PT17/0005/0032
Start-End date: 01/01/2018 - 31/12/2020
Total amount: 211.200 €

15 **Name of the project:** Coco: Sistema de Extracción de Conocimiento y Codificación Automática en Oncohematología
Geographical area: REGIONAL
Name principal investigator (PI, Co-PI....): NOA PATRICIA CRUZ DIAZ
Funding entity or bodies:
CONSEJERIA DE SALUD

Type of participation: OTROS
Code according to the funding entity: PIN-0121-2017
Start-End date: 30/12/2017 - 29/12/2020
Total amount: 55.674 €

16 **Name of the project:** m-PRL: Herramienta mHealth para la prevención en el área de la Psicosociología en personal sanitario.
Entity where project took place: Hospital Universitario Virgen del Rocío **Type of entity:** Healthcare Institutions
City of entity: Sevilla, Andalusia, Spain
Nº of researchers: 10
Start-End date: 17/12/2019 - 31/10/2020
Total amount: 35.451,12 €

17 **Name of the project:** Hemic: Herramienta para el Modelado Semántico de Información Clínica
Geographical area: REGIONAL
Name principal investigator (PI, Co-PI....): ALBERTO MORENO CONDE
Nº of researchers: 8
Funding entity or bodies:
CONSEJERIA DE SALUD

Type of participation: OTROS
Name of the programme: Programa de Investigación Biomédica y en Ciencias de la Salud
Code according to the funding entity: PIN-0315-2016
Start-End date: 22/12/2016 - 21/12/2019
Total amount: 34.500 €

18 **Name of the project:** Knowbed: Sistema de Apoyo A la Decisión Clínica en Movilidad Basado en la Integración del Conocimiento Científico A Pie de Cama
Geographical area: REGIONAL

Name principal investigator (PI, Co-PI....): ALICIA MARTINEZ GARCIA
Nº of researchers: 10
Funding entity or bodies:
CONSEJERIA DE SALUD

Type of participation: OTROS
Name of the programme: Programa de Investigación Biomédica y en Ciencias de la Salud
Code according to the funding entity: PIN-0213-2016
Start-End date: 22/12/2016 - 21/12/2019
Total amount: 34.385 €

19 **Name of the project:** IDE4ICDS: Integrated Development Environment for Improving Clinical Decision Support based on Clinical Guidelines
Name principal investigator (PI, Co-PI....): Alicia Martínez García
Funding entity or bodies:
MINECO

Type of participation: Team member
Start-End date: 01/05/2016 - 30/04/2019

20 **Name of the project:** eFRAILE: Diseño de un modelo de eSalud asistencial y de autogestión para pacientes pluripatológicos basado en el soporte de la FRAGILIDAD y medición de impacto de tecnologías Wearables y Domótica domiciliaria
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
MINECO

Type of participation: Principal investigator
Code according to the funding entity: RTC-2016-5298-1
Start-End date: 01/11/2016 - 01/03/2019

21 **Name of the project:** PITES TIiS Soporte a la Decisión Personalizada al Paciente Crónico Complejo
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain

Type of participation: Principal investigator
Code according to the funding entity: PI15/01213
Start-End date: 01/01/2016 - 31/12/2018
Total amount: 58.080 €

22 **Name of the project:** Riesgo de acidosis láctica asociado al uso de metformina en pacientes diabéticos tipo 2 con enfermedad renal crónica moderada-severa: estudio de casos y controles (ALIMAR-C2).
Name principal investigator (PI, Co-PI....): Consuelo Pedrós Cholvi
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain

Start-End date: 01/01/2016 - 31/12/2018

23 **Name of the project:** CLARK: smart Clinic Assistan Robot for CGA
Name principal investigator (PI, Co-PI....): Cristina Suárez Mejías
Funding entity or bodies:

Comisión Europea **Type of entity:** Comisión Europea
City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 01/12/2015 - 31/12/2018

24 **Name of the project:** SmokeFreeBrain - Multidisciplinary tools for improving the efficacy of public prevention measures against smoking
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
Comisión Europea **Type of entity:** Comisión Europea
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Principal investigator
Code according to the funding entity: 681120
Start-End date: 01/11/2015 - 31/10/2018
Total amount: 242.500 €

25 **Name of the project:** Estructura Central de Apoyo a la Innovación (ECAI)
Funding entity or bodies:
Consejería de Salud **Type of entity:** Administrative Body of the National Health System
City funding entity: Sevilla, Andalusia, Spain

Start-End date: 01/04/2014 - 31/03/2018

26 **Name of the project:** Hearten: A co-operative mHEALTH environment targeting adherence and management of patients suffering from Heart Failure
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
Comisión Europea **Type of entity:** Comisión Europea
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Principal investigator
Start-End date: 01/01/2015 - 31/12/2017
Total amount: 345.625 €

27 **Name of the project:** Plataforma Itemas. Plataforma de Innovación en tecnologías y Material Sanitario
Name principal investigator (PI, Co-PI....): Sandra Leal González
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain

Name of the programme: AES 2013-2016
Code according to the funding entity: PT13/0006/0036
Start-End date: 01/01/2014 - 31/12/2017
Total amount: 304.835 €

28 **Name of the project:** CHIP-ME: Citizen's Health through public-private Initiatives: Public health, Market and Ethical perspectives (COST Action IS1303)
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
Comisión Europea **Type of entity:** Comisión europea
City funding entity: Madrid, Community of Madrid, Spain

Comisión Europea **Type of entity:** Comisión europea
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Principal investigator
Start-End date: 11/06/2013 - 01/10/2017

29 **Name of the project:** Plataforma de Abordaje Integral del ictus en Fase Aguda (AID-Ictus)
Name principal investigator (PI, Co-PI....): Mª Dolores Jiménez Hernández
Nº of researchers: 6
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain

Name of the programme: AES 2013-2016
Code according to the funding entity: DTS14/00143
Start-End date: 01/01/2015 - 31/12/2016
Total amount: 144.100 €

30 **Name of the project:** Oncoinves: Plataforma de Gestión de Información para la Investigación Oncológica
Name principal investigator (PI, Co-PI....): Mª Jose Ortiz Gordillo
Funding entity or bodies:
Consejería de Igualdad, Salud y Políticas Sociales

Code according to the funding entity: PI-0116-2012
Start-End date: 01/01/2013 - 30/06/2016
Total amount: 58.981 €

31 **Name of the project:** PPC 25: Preparación de Propuesta para Convocatoria PHC - 25 de Horizonte 2020
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
MINECO

Type of participation: Principal investigator
Start-End date: 01/02/2014 - 31/01/2016

32 **Name of the project:** Blomedical DAta Mining and Information Retrieval (BIDAMIR)
Name principal investigator (PI, Co-PI....): Jacinto Mata
Funding entity or bodies:
Consejería de Innovación

Start-End date: 01/01/2013 - 31/12/2015

33 **Name of the project:** Infraestructura para la Investigación Traslacional y Clínica basada en la Normalización, Integración, Análisis Avanzado y Visualización de Información Biomédica. (Plataforma ITC-Bio)
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
MINECO

Type of participation: Principal investigator
Code according to the funding entity: FPAP13-1E-2429
Start-End date: 01/01/2013 - 31/12/2015
Total amount: 117.513 €

34 **Name of the project:** PITES-ISA: Definición, diseño y desarrollo de herramientas y servicios basados en estándares para el apoyo a la decisión clínica y medicina personalizada
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain

Type of participation: Principal investigator
Name of the programme: FIS 2012
Code according to the funding entity: PI12/01571
Start-End date: 01/01/2013 - 31/12/2015
Total amount: 44.165 €

35 **Name of the project:** VIRSSPA 2011. Planificación quirúrgica aplicada a la cirugía de alonjertos óseos masivos, prótesis e implantes, mediante técnicas avanzadas de imagen, simulación de tejidos y realidad virtual. 161/11
Geographical area: REGIONAL
Name principal investigator (PI, Co-PI....): TOMAS GOMEZ
Funding entity or bodies:
CONSEJERÍA DE IGUALDAD, SALUD Y POLÍTICAS SOCIALES

Type of participation: Others
Code according to the funding entity: SALUD-201100040671-TRA
Start-End date: 01/10/2011 - 31/12/2015
Total amount: 17.157 €

36 **Name of the project:** Servicio de desarrollo de CRD's que permite compartir recursos y servicios de interoperabilidad con la información clínica disponible en el entorno productivo del Hospital.
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
Ayuda para la contratación de personal de apoyo a la I+D+i

Type of participation: Principal investigator
Start-End date: 19/05/2014 - 18/05/2015

37 **Name of the project:** REWIRE: Rehabilitative Wayout In Responsive home Environments
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
Comisión Europea **Type of entity:** Comisión Europea
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Principal investigator
Code according to the funding entity: 287713
Start-End date: 01/10/2011 - 31/12/2014
Total amount: 177.252 €

38 **Name of the project:** Plataforma abierta de soporte a la prevención y rehabilitación de enfermedades neurodegenerativas (PROCUR@)
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
MINECO

Type of participation: Principal investigator
Code according to the funding entity: Rf IPT-2011-1038-900000

Start-End date: 04/05/2011 - 31/12/2014
Total amount: 124.770 €

39 **Name of the project:** Modelo semántico y algoritmos de data mining aplicados al tratamiento del cáncer de mama en centros de atención especializada (HEDECAMA)
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
MINECO

Type of participation: Principal investigator
Code according to the funding entity: IPT-2011-1126-900000
Start-End date: 01/11/2011 - 28/02/2014
Total amount: 177.408 €

40 **Name of the project:** Pites: Métodos y herramientas para el diseño e implantación de Servicios de Telemedicina y esalud para la atención de pacientes crónicos.
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain

Type of participation: Principal investigator
Code according to the funding entity: PI09/90518
Start-End date: 01/01/2010 - 31/12/2013
Total amount: 167.585 €

41 **Name of the project:** RETICS (Red temática de investigación cooperativa en Salud) de Innovación en Tecnologías Médicas y Sanitarias
Name principal investigator (PI, Co-PI....): Sandra Leal Gonzalez
Funding entity or bodies:
INSTITUTO DE SALUD CARLOS III

Code according to the funding entity: RD09/0077/00025
Start-End date: 01/01/2010 - 31/12/2013

42 **Name of the project:** REDSER: Red Integral de Servicios Asistenciales Digitales
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
Ministerio de Industria Turismo y Comercio **Type of entity:** Ministerio de Industria Turismo y Comercio
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Principal investigator
Code according to the funding entity: EF-0028-2016
Start-End date: 01/07/2010 - 31/12/2012
Total amount: 8.517 €

43 **Name of the project:** Realidad virtual aplicada al tratamiento de la lipodistrofia facial secundaria a tratamientos antirretrovirales en pacientes con VIH
Geographical area: NACIONAL
Name principal investigator (PI, Co-PI....): TOMAS GOMEZ
Funding entity or bodies:
FUNDACIÓN PARA LA INVESTIGACIÓN Y LA PREVENCIÓN DEL SIDA EN ESPAÑA

Type of participation: Others
Code according to the funding entity: 240803/08
Start-End date: 01/01/2010 - 30/06/2012
Total amount: 22.286 €

44 **Name of the project:** AMPLIACIÓN REALIDAD VIRTUAL 2011
Geographical area: REGIONAL
Name principal investigator (PI, Co-PI....): CARLOS LUIS PARRA
Funding entity or bodies:
CONSEJERIA DE SALUD Y BIENESTAR SOCIAL

Type of participation: Others
Code according to the funding entity: 201100040671-TRA
Start-End date: 01/01/2011 - 31/12/2011
Total amount: 14.920 €

45 **Name of the project:** PLAGES-IDQU: Plataforma de gestión integral de la demanda quirúrgica
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
CTA

Type of participation: Principal investigator
Code according to the funding entity: 09/378
Start-End date: 01/01/2010 - 31/12/2011
Total amount: 99.445 €

46 **Name of the project:** Diseño y desarrollo de un sistema avanzado para la programación de quirófanos (ASSYST)
Name principal investigator (PI, Co-PI....): 1
Funding entity or bodies:
Consejería de Salud y Bienestar Social

Start-End date: 06/01/2010 - 31/12/2010
Total amount: 120.060 €

47 **Name of the project:** TREELOGIC, TELEMÁTICA Y LÓGICA RACIONAL PARA LA EMPRESA EUROPEA S.L.
Geographical area: NACIONAL
Name principal investigator (PI, Co-PI....): PARRA CALDERON,CARLOS LUIS
Funding entity or bodies:
MINISTERIO DE ECONOMIA Y COMPETITIVIDAD

Type of participation: Principal investigator
Code according to the funding entity: TSI-020301-2009-27
Start-End date: 01/01/2010 - 31/12/2010
Total amount: 76.195 €

48 **Name of the project:** Trillium Bridge
Name principal investigator (PI, Co-PI....): Catherine Choronaki
Funding entity or bodies:
COMISIÓN EUROPEA

Comisión Europea **Type of entity:** Comisión Europea
City funding entity: Madrid, Community of Madrid, Spain

Name of the programme: Future Emerging Technology
Start date: 01/01/2013

49 **Name of the project:** Clinical Knowledge & Decision Making.
Geographical area: REGIONAL
Name principal investigator (PI, Co-PI....): CARLOS LUIS PARRA
Funding entity or bodies:
CONSEJERÍA DE IGUALDAD, SALUD Y POLÍTICAS SOCIALES

Type of participation: Principal investigator
Code according to the funding entity: EF-1054-2012
Total amount: 4.046 €

R&D non-competitive contracts, agreements or projects with public or private entities

1 **Name of the project:** Desarrollo de un algoritmo para detección temprana de cáncer de pulmón basado en factores de riesgo identificados mediante herramientas de big data e inteligencia artificial (ALMATIC)
Type of project: Research and development, including transfer
Degree of contribution: Scientific coordinator
Nº of researchers: 3
Funding entity or bodies:
ADVANCED MARKER DISCOVERY, S.L. (AMADIX) **Type of entity:** Business

Start date: 19/01/2023 **Duration:** 6 months

2 **Name of the project:** Smart Medical Codex (soporte a. lacodificación autmática de CIE basado en IA)
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 5
Funding entity or bodies:
CEDIANT SA **Type of entity:** Business
City funding entity: Madrid, Community of Madrid, Spain

Start date: 02/11/2022 **Duration:** 12 months
Total amount: 69.062,25 €

3 **Name of the project:** Evaluación de la captura y transformación de datos a partir de historias clínicas electrónicas de pacientes oncológicos por metodologías de Data Analytics y su potencial uso en investigación - Proyecto MIRROR
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Carlos Luis Parra Calderón
Nº of researchers: 3
Funding entity or bodies:
Medica Scientia Innovation Research, S.L. **Type of entity:** Business
City funding entity: Barcelona, Catalonia, Spain

Start date: 17/11/2021 **Duration:** 6 months
Total amount: 24.300 €

4 **Name of the project:** p-Ictus (Predictive ICTUS)
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Mª DOLORES JIMENEZ HERNANDEZ

Nº of researchers: 3
Funding entity or bodies:
CDTI (FEDER-Innterconecta 2016)

Start date: 02/11/2016 **Duration:** 2 years - 1 month - 29 days
Total amount: 100.000 €

5 **Name of the project:** Semangnition: Herramienta para el reconocimiento semántico de contenido de documentación clínica
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon
Funding entity or bodies:
Centro para el Desarrollo Tecnológico Industrial **Type of entity:** Business
City funding entity: Madrid, Community of Madrid, Spain

Start date: 01/10/2015 **Duration:** 27 months
Total amount: 150.000 €

6 **Name of the project:** Sistema Inteligente para la Ayuda a la Toma de Decisiones Clínicas en escenarios de Cuidados Críticos y Reanimación - SmartUCI
Name principal investigator (PI, Co-PI....): Carlos Parra Calderon; Francisco Murillo Cabezas
Funding entity or bodies:
IDEA

Start date: 01/01/2015 **Duration:** 24 months

7 **Name of the project:** m2PHEAR: Diseño, Desarrollo y Prototipado de un Sistema de Gestión en Movilidad del Registro Personal de Salud
Name principal investigator (PI, Co-PI....): Carlos Parra Calderón
Funding entity or bodies:
IDEA

Start date: 15/06/2014 **Duration:** 6 months

Results

Industrial and intellectual property

1 **Title registered industrial property:** MedicalForms: Herramienta de Modelado de Información Clínica
Inventors/authors/obtainers: Alberto Moreno Conde; Jesús Moreno Conde; Carlos Luis Parra Calderón; Samuel Salas Fernández
Entity holder of rights: Servicio Andaluz de Salud
Nº of application: 010095574841
Country of inscription: Spain, Andalusia
Date of register: 09/10/2020
Conferral date: 09/10/2020

2 **Title registered industrial property:** MODHE SUITE: HERRAMIENTA SOFTWARE PARA EL DISEÑO DE MODELOS DE INFORMACIÓN SANITARIA BASADOS EN LOS ESTÁNDARES DE HL7
Entity holder of rights: UNIVERSIDAD DE SEVILLA, SERVICIO ANDALUZ DE SALUD
Date of register: 21/12/2016

3 **Title registered industrial property:** SISTEMA DE ESALUD PARA LA ATENCION A PACIENTES CON ICTUS AGUDO
Inventors/authors/obtainers: CARLOS LUIS PARRA CALDERON
Entity holder of rights: Servicio Andaluz de Salud
Nº of application: RPI201599902729561
Date of register: 09/12/2015

4 **Title registered industrial property:** ADAPTACION DE LA PLATAFORMA DE ESALUD A UNA ARQUITECTURA DE PROCESOS BASADA EN SOA
Inventors/authors/obtainers: CARLOS LUIS PARRA CALDERON
Entity holder of rights: Servicio Andaluz de Salud y Universidad de Sevilla
Nº of application: RPI201599900539332
Date of register: 06/04/2015

5 **Title registered industrial property:** SISTEMA DE INFORMACION PARA LA ASISTENCIA INTEGRADA ONCOLOGICA DE PACIETNES CON CANCER DE MAMA
Inventors/authors/obtainers: CARLOS LUIS PARRA CALDERON
Entity holder of rights: FUNDACION PUBLICA ANDALUZA PARA LA GESTION DE LA INVESTIGACIÓN EN SALUD DE SEVILLA. SERVICIO ANDALUZ DE SALUD
Date of register: 28/03/2014

6 **Title registered industrial property:** MÉTODO Y SISTEMA PARA LA CODIFICACIÓN DE INFORMACIÓN DE ENTRADA
Inventors/authors/obtainers: CARLOS LUIS PARRA CALDERON
Entity holder of rights: GONZALEZ - BUENO & ILLESCAS, S, SERVICIO ANDALUZ DE SALUD,
Nº of application: P201230140
Date of register: 31/01/2012

Scientific and technological activities

Scientific production

1 **H index:** 16
Date of application: 03/03/2025
Source of H-Index: WOS

2 **H index:** 23
Date of application: 03/03/2025
Source of H-Index: GOOGLE SCHOLAR

3 **H index:** 17
Date of application: 03/03/2025
Source of H-Index: SCOPUS

Publications, scientific and technical documents

1 Jesús Moreno Conde; Alberto Moreno Conde; Samuel Salas Fernández; Carlos Luis Parra Calderón. ITCBio, a Clinical and Translational Research Platform. AMIA Annual Symposium Proceeding. 2019, pp. 673 - 680. (United States of America): 04/03/2020. Available on-line at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7153134/>.

Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: Yes
Relevant publication: Yes

2 CL Parra-Calderón; G Finocchiaro; S Ul Islam; S Harrison; G Epiphaniou; C Maple; P Gallos. Characterizing a Framework for Assessment of the Use of FAIR Principles for Health Data in Digital Health Devices Regulation.Studies in health technology and informatics. 323, pp. 270 - 274. 2025. ISSN 0926-9630

DOI: 10.3233/SHTI250093
PMID: 40200490
Type of production: Scientific paper
Total no. authors: 7

3 L Martí-Bonmatí; I Blanquer; M Tsiknakis; G Tsakou; R Martinez; S Capella-Gutierrez; S Zullino; J Meszaros; EE Bron; JL Gelpi; K Riklund; L Chaabane; HP Schlemmer; M Aznar; P Serrano Candelas; P Gordebeke; M Hierath; Consortium EUCAIM. Empowering cancer research in Europe: the EUCAIM cancer imaging infrastructure.Insights into imaging. 16, pp. 47. 2025. ISSN 1869-4101

DOI: 10.1186/s13244-025-01913-x
PMID: 39992532
Type of production: Scientific paper
Total no. authors: 19
Source of citations: PUBMED
Citations: 33

4 A García-Blanco; AG Mirabella; E Román-Villarán; CL Parra-Calderón. FLANDERS: Fast Learning COVID-19 Care System.Studies in health technology and informatics. 327, pp. 599 - 600. 2025. ISSN 0926-9630

DOI: 10.3233/SHTI250411
PMID: 40380521
Type of production: Scientific paper
Total no. authors: 4

5 S Rodríguez-Mejías; P Bravo-Del Cid; F Rey Garduño; FJ Granados-Delgado; JA Rivas; M González-López; A García Agúndez; C Alvarez-Romero; E Román Villarán; G Antonio Escobar; CL Parra-Calderón. The Role of FAIR Digital Objects in Biomedical Research: A Scoping Review with a Real Case of the OHDO Tool.Studies in health technology and informatics. 327, pp. 1467 - 1468. 2025. ISSN 0926-9630

DOI: 10.3233/SHTI250653
PMID: 40380756
Type of production: Scientific paper
Total no. authors: 11

6 CL Parra-Calderón; C Alvarez-Romero; M González-López; S Rodríguez-Mejías; K Colpaert; F Balzer; B Delange; M Cuggia; D Delamarre; C Daniel; M Moinat; ME van Genderen; L Fleuren; C Jung. Towards the Common Data Model for an Intensive Medicine Data Space in Europe.Studies in health technology and informatics. 327, pp. 527 - 531. 2025. ISSN 0926-9630

DOI: 10.3233/SHTI250393

PMID: 40380503
Type of production: Scientific paper
Total no. authors: 15

7 Carlos Luis Parra Calderón. IDE 4 ICDS: A human-centric and model-driven proposal to improve the digitization of clinical practice guideline. ACM Transactions on Software Engineering and Methodology.ACM Digital Library, 28/06/2024.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No

8 Alvarez-Romero, Celia; Bernabeu-Wittel, Maximo; Luis Parra-Calderon, Carlos; Rodriguez Mejias, Silvia; Martinez-Garcia, Alicia. Desiderata for discoverability and FAIR adoption of health data hubs. JOURNAL OF BIOMEDICAL INFORMATICS. 157, ACADEMIC PRESS INC ELSEVIER SCIENCE, 2024. ISSN 1532-0464
DOI: 10.1016/j.jbi.2024.104700
PMID: MEDLINE:39079607
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Source of citations: WOS **Citations:** 0

9 Alvarez-Romero, Celia; Polo-Molina, Alejandro; Sanchez-Ubeda, Eugenio Francisco; Jimenez-De-Juan, Carlos; Cuadri-Benitez, Maria Pastora; Rivas-Gonzalez, Jose Antonio; Portela, Jose; Palacios, Rafael; Rodriguez-Morcillo, Carlos; Munoz, Antonio; Parra-Calderon, Carlos Luis; Nieto-Martin, Maria Dolores; Ollero-Baturone, Manuel; Hernandez-Quiles, Carlos. Machine Learning-Based Prediction of Changes in the Clinical Condition of Patients With Complex Chronic Diseases: 2-Phase Pilot Prospective Single-Center Observational Study. JMIR FORMATIVE RESEARCH. 8, JMIR PUBLICATIONS, INC, 2024.
DOI: 10.2196/52344
PMID: MEDLINE:38640473
Type of production: Scientific paper **Format:** Journal
Total no. authors: 14
Source of citations: WOS **Citations:** 0

10 Sinaci, A. Anil; Gencturk, Mert; Alvarez-Romero, Celia; Erturkmen, Gokce Banu Laleci; Martinez-Garcia, Alicia; Escalona-Cuaresma, Maria Jose; Parra-Calderon, Carlos Luis. Privacy-preserving federated machine learning on FAIR health data: A real-world application. COMPUTATIONAL AND STRUCTURAL BIOTECHNOLOGY JOURNAL. 24, pp. 136 - 145. ELSEVIER, 2024. ISSN 2001-0370
DOI: 10.1016/j.csbj.2024.02.014
PMID: MEDLINE:38434250
Type of production: Scientific paper **Format:** Journal
Total no. authors: 7
Source of citations: WOS **Citations:** 3

11 Sinaci, A. Anil; Gencturk, Mert; Teoman, Huseyin Alper; Erturkmen, Gokce Banu Laleci; Alvarez-Romero, Celia; Martinez-Garcia, Alicia; Poblador-Plou, Beatriz; Carmona-Pirez, Jonas; Loebe, Matthias; Parra-Calderon, Carlos Luis. A Data Transformation Methodology to Create Findable, Accessible, Interoperable, and Reusable Health Data: Software Design, Development, and Evaluation Study. JOURNAL OF MEDICAL INTERNET RESEARCH. 25, JMIR PUBLICATIONS, INC, 2023. ISSN 1438-8871
DOI: 10.2196/42822
PMID: MEDLINE:36884270
Type of production: Scientific paper **Format:** Journal
Total no. authors: 10
Source of citations: WOS **Citations:** 3

12 Parra-Calderon, Carlos Luis; Roman-Villaran, Esther; Alvarez-Romero, Celia; Escobar-Rodriguez, German Antonio; Martinez-Brocca, Maria Asuncion; Martinez-Garcia, Alicia; Garcia-Garcia, Julian Alberto; Escalona-Cuaresma, Maria Jose. A prospective observational concordance study to evaluate computational model-driven clinical practice guidelines for Type 2 diabetes mellitus. INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS. 178, ELSEVIER IRELAND LTD, 2023. ISSN 1386-5056

DOI: 10.1016/j.ijmedinf.2023.105208
PMID: MEDLINE:37703798
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
Source of citations: WOS **Citations:** 0

13 Alvarez-Romero C.; Rodríguez-Mejias S.; Parra-Calderón C.L.. Desiderata for the Data Governance and FAIR Principles Adoption in Health Data Hubs. Studies in health technology and informatics. 305, pp. 164 - 167. 2023.

DOI: 10.3233/SHTI230452
Type of production: Scientific paper **Format:** Journal

14 Martinez-Garcia, Alicia; Alvarez-Romero, Celia; Roman-Villaran, Esther; Bernabeu-Wittel, Maximo; Parra-Calderon, Carlos Luis. FAIR principles to improve the impact on health research management outcomes. HELIYON. 9, CELL PRESS, 2023.

DOI: 10.1016/j.heliyon.2023.e15733
PMID: MEDLINE:37205991
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Source of citations: WOS **Citations:** 2

15 Alvarez-Romero, Celia; Martinez-Garcia, Alicia; Bernabeu-Wittel, Maximo; Parra-Calderon, Carlos Luis. Health data hubs: an analysis of existing data governance features for research. HEALTH RESEARCH POLICY AND SYSTEMS. 21, BMC, 2023. ISSN 1478-4505

DOI: 10.1186/s12961-023-01026-1
PMID: MEDLINE:37430347
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Source of citations: WOS **Citations:** 3

16 Naranjo-Saucedo, Ana Belen; Escobar-Rodriguez, German Antonio; Tabernero, Carmen; Cuadrado, Esther; Parra-Calderon, Carlos Luis; Arenas, Alicia. Mobile Health Requirements for the Occupational Health Assessment of Health Care Professionals: Delphi Study. JMIR FORMATIVE RESEARCH. 7, JMIR PUBLICATIONS, INC, 2023.

DOI: 10.2196/40327
PMID: MEDLINE:37256659
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Source of citations: WOS **Citations:** 0

17 Jonás Carmona-Pírez; Beatriz Poblador-Plou; Antonio Poncel-Falcó; Jessica Rochat; Celia Alvarez-Romero; Alicia Martínez-García; Carmen Angioletti; Marta Almada; Mert Gencturk; A. Anil Sinaci; Jara Eloisa Ternero-Vega; Christophe Gaudet-Blavignac; Christian Lovis; Rosa Liperoti; Elisio Costa; Carlos Luis Parra-Calderón; Aida Moreno-Juste; Antonio Gimeno-Miguel; Alexandra Prados-Torres. Applying the FAIR4Health Solution to Identify Multimorbidity Patterns and Their Association with Mortality through a Frequent Pattern Growth Association Algorithm. International Journal of Environmental Research and Public Health. 19 - 4, 2022. Available on-line at: <https://www.mdpi.com/1660-4601/19/4/2040>. ISSN 1660-4601

Type of production: Scientific paper **Format:** Journal

18 Carlos Luis Parra Calderón. A data mining based clinical decision support system for survival in lung cancer. Reports of Practical Oncology and Radiotherapy. 26 - 6, pp. 839 - 848. ElSevier, 30/12/2021. ISSN 1507-1367
Type of production: Scientific paper **Format:** Journal
Position of signature: 10 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 15 **Corresponding author:** No

19 Menditto, Enrica; Cahir, Caitriona; Malo, Sara; Aguilar-Palacio, Isabel; Almada, Marta; Costa, Elisio; Giardini, Anna; Gil Peinado, Maria; Massot Mesquida, Mireia; Mucherino, Sara; Orlando, Valentina; Parra-Calderon, Carlos Luis; Pepiol Salom, Enrique; Kardas, Przemyslaw; Vrijens, Bernard. Persistence as a Robust Indicator of Medication Adherence-Related Quality and Performance. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. 18 - 9, 05/2021.
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0

20 Gencturk, Mert; Teoman, Alper; Alvarez-Romero, Celia; Martinez-Garcia, Alicia; Parra-Calderon, Carlos Luis; Poblador-Plou, Beatriz; Lobe, Matthias; Sinaci, A Anil. End User Evaluation of the FAIR4Health Data Curation Tool.Studies in health technology and informatics. 281, pp. 8 - 12. 2021.
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0

21 Alicia Martínez García; Ana Belén Naranjo Saucedo; José Antonio Rivas González; Antonio Romero Tabares; AM Marín Casinello; Ana Andrés Martín; Francisco Javier Sánchez Laguna; Román Villegas Portero; Jesús Moreno Conde; Carlos Luis Parra Calderón. KNOWBED: A Clinical Decision Support System to integrate Scientific Knowledge at the bedside. JMIR Medical Informatics. JMIR Publications, 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No

22 Carlos Luis Parra Calderón; Ferrán Sanz; Leslie McIntosh. The Challenge of the Effective Implementation of FAIR Principles in Biomedical Research. Methods of Information in Medicine. 2020 - 59, pp. 117 - 118. Thieme Medical Publishers, 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes

23 Marta Almada; Luis Midao; Diana Portela; Inés Dias; Francisco J. Núñez Benjumea; Carlos L. Parra Calderón; Elisio Costa. A New Paradigm in Health Research: FAIR Data (Findable, Accessible, Interoperable, Reusable). Acta Médica Portuguesa. 33 - 12, pp. 828 - 834. Revista Científica da Ordem dos Médicos, 01/12/2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No

24 Nunez-Benjumea, F.; Gonzalez-Garcia, S.; Moreno-Conde, J.; Moreno-Conde, A.; Cacicedo, J.; Delgado, B. D.; Borrego, M.; Perez Luque, S.; Parra-Calderon, C. L.; Lopez Guerra, J. L.. Feature selection methods improve accuracy in radiation toxicity prediction for lung cancer. RADIOTHERAPY AND ONCOLOGY. 152, pp. S828 - S828. 11/2020. ISSN 0167-8140
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0

25 Moreno-Conde A; Austin T; Moreno-Conde J; Parra-Calderón CL; Kalra D. Evaluation of clinical information modeling tools.Journal of the American Medical Informatics Association : JAMIA. 0, 07/06/2016. ISSN 1067-5027
Type of production: Scientific paper

Impact source: WOS (JCR)
Category: COMPUTER SCIENCE, INFORMATION SYSTEMS
Impact index in year of publication: 3.428
Journal in the top 25%: Yes

26 Suárez-Mejías C; Pérez-Carrasco JA; Serrano C; López-Guerra JL; Parra-Calderón C; Gómez-Cía T; Acha B. Three-dimensional segmentation of retroperitoneal masses using continuous convex relaxation and accumulated gradient distance for radiotherapy planning.Medical & biological engineering & computing. 0, 21/04/2016. ISSN 0140-0118
Type of production: Scientific paper
Impact source: WOS (JCR)
Category: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
Impact index in year of publication: 1.797
Journal in the top 25%: No

27 CL Parra Calderón; A Martínez García; MJ García Lozano; F Núñez Benjumea; B Barón Franco; L Moreno Gaviño. PITeS TIiSS: Soporte a la decisión personalizada al paciente crónico complejo. VIII Congreso Nacional de Atención Sanitaria al Paciente Crónico. Madrid08/04/2016.
Type of production: Scientific paper

28 Moreno-Conde A; Thienpont G; Lamote I; Coorevits P; Parra C; Kalra D. European Interoperability Assets Register and Quality Framework Implementation.Studies in health technology and informatics. 228, pp. 690 - 4. 01/01/2016.
Type of production: Scientific paper

29 Parra Calderón CL. [Big data in health in Spain: now is the time for a national strategy].Gaceta sanitaria / S.E.S.P.A.S. 30(1), 31/12/2015. ISSN 0213-9111
Type of production: Scientific paper
Format: Journal
Corresponding author: Yes
Impact source: WOS (JCR)
Category: PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH
Impact index in year of publication: 1.509
Journal in the top 25%: No

30 Francisco J. Núñez-Benjumea; Alicia Martinez García; Alberto Moreno Conde; Jesús Moreno Conde; Carlos L. Parra Calderón. Plataforma ITC-Bio. Infraestructura de apoyo a la investigación traslacional. IV Reunión de la plataforma tecnológica para la innovación en salud. SevillaSEIS, 26/11/2015.
Type of production: Scientific paper

31 J. Moreno Conde; C. L. Parra Calderón; B. David Delgado León; A. Martínez García; A. Moreno Conde; Francisco J Núñez-Benjumea; JL López Guerra. Sistema de Soporte a la Decisión para Oncología Neumológica. IV Reunión de la plataforma tecnológica para la innovación en salud. SevillaSEIS, 26/11/2015.
Type of production: Scientific paper

32 Fornelino Díez A; Leal González S; Bonachela Solás P; Jódar Sánchez F; Parra Calderón CL; González Suárez M. e-Omnicron: herramienta para la gestión del proceso de planificación de la actividad quirúrgica programable mediante método de planificación presupuestaria. Gestión y Evaluación de Costes Sanitarios. 16(2), pp. 131 - 140. 01/06/2015.
Type of production: Scientific paper

33 J Moreno Conde; JL López Guerra; A Moreno Conde; CL Parra Calderón; A Martínez García; F Núñez Benjumea; MJ Ortiz Gordillo. Infrastructure to integrate translational research into clinical decision making for patients with lung cancer. 3rd ESTRO Forum. Barcelona27/04/2015.
Type of production: Scientific paper

34 C Suárez-Mejías; A Moreno Conde; G Gómez Ciriza; T Gómez Cía; CL Parra Calderón. Digitálica Salud: Innovación Tecnológica con Resultado Empresarial. Revista Informática y Salud (I+S) de la SEIS.Nº 109, pp. 27 - 30. Editorial MIC, 01/02/2015.
Type of production: Scientific paper

35 Suárez-Cristina C; Gomez-Ciriza G; Valverde I; Parra Calderón C; Gomez Cía T. New tecnologies applied to surgical processes: virtual reality and rapid prototyping. Stud Health Technol Inform. 01/01/2015.
Type of production: Scientific paper

36 Jódar-Sánchez F; Ortega F; Parra C; Gómez-Suárez C; Bonachela P; Leal S; Pérez P; Jordán A; Barrot E. Cost-utility analysis of a telehealth programme for patients with severe chronic obstructive pulmonary disease treated with long-term oxygen therapy.J Telemed Telecare. pp. 307 - 316. 01/09/2014. ISSN 1357-633X
Type of production: Scientific paper
Impact source: WOS (JCR) **Category:** HEALTH CARE SCIENCES & SERVICES
Impact index in year of publication: 1.542 **Journal in the top 25%:** No

37 J. Lopez; D. Palacios-Alonso; S. Tortajada; A. Moreno; E. Casitas; J. M. Garcia-Gomez; R. Gonzalez Otal; A. Perez-Gonzalez; A. Martinez; C. L. Parra Calderon; E. Rivin; S. Leal and M. J. Ortiz Gordillo. Computerized Decision Support System and Naive Bayes Models for Predicting the Risk of Relapse in Breast. Journal of Radiation Oncology Biology Physics. pp. 593 - 594. 01/01/2014. ISSN 0360-3016
Type of production: Scientific paper
Impact source: WOS (JCR) **Category:** RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING
Impact index in year of publication: 4.258 **Journal in the top 25%:** Yes

38 Jódar-Sánchez F; López Guerra JL; Parra CL.. Costes de los servicios sanitarios asociados al tratamiento del cáncer de mama precoz con radioterapia. Rev Senol Patol Mamar. DOI (Digital Object Identifier): http://dx.doi.org/10.1016/j.senol.2013.07.003. pp. 68 - 73. 01/01/2014.
Type of production: Scientific paper

39 Carlos Luis Parra Calderón. Informática para la Innovación en Investigación Biomédica. pp. 33 - 37. 01/08/2013. ISSN 1579-8070.
Type of production: Scientific paper

40 Martínez-García A; Moreno-Conde A; Jódar-Sánchez F; Leal S; Parra C. Sharing clinical decisions for multimorbidity case management using social network and open-source tools.J Biomed Inform. pp. 977 - 984. 25/06/2013. ISSN 1532-0464
Type of production: Scientific paper
Impact source: WOS (JCR) **Category:** COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
Impact index in year of publication: 2.482 **Journal in the top 25%:** Yes

41 Gonzalez-Otal R; López-Guerra JL; Parra-Calderon CL; Martínez-Garcia A; Suarez-Gironzini V; Peinado-Serrano J; Moreno-Conde A; Gonzalez.Campora JM; Praena-Fernández JM; Ortiz-Gordillo MJ.. Preliminary study of automatic extraction of breast cancer staging from free text clinical reports. Revista de Senología y Patología Mamaria.26, pp. 41 - 46. 01/06/2013.
Type of production: Scientific paper

42 Ricardo Gonzalez-Otal; Jose Luis Lopez-Guerra; Carlos Luis Parra Calderón; Alicia Martinez-Garcia; Alberto Moreno-Conde; Maria Jose Ortiz-Gordillo. Application of Artificial Intelligence in Tumors Sizing Classification for Breast Cancer. IWBBIO. pp. 499 - 500. 01/01/2013.

Type of production: Scientific paper

43 R. González-Otal J. L. López C. L. Parra; A. Martínez; V. Suarez; J. Peinado; A. Moreno; M. J. Ortiz.. Estudio preliminar sobre extracción automática del tamaño tumoral para la estadificación del cáncer de mama a partir de texto libre de informes clínicos. Revista de senología y patología mamaria. 01/01/2013. ISSN ISSN: 0214
Type of production: Scientific paper **Format:** Journal

44 Jódar-Sánchez F; Ortega F; Parra C; Gómez-Suárez C; Jordán A; Pérez P; Bonachela P; Leal S; Barrot E. Implementation of a telehealth programme for patients with severe chronic obstructive pulmonary disease treated with long-term oxygen therapy.J Telemed Telecare. 19, pp. 11 - 17. 01/01/2013. ISSN 1357-633X
Type of production: Scientific paper
Impact source: WOS (JCR) **Category:** HEALTH CARE SCIENCES & SERVICES
Impact index in year of publication: 1.736 **Journal in the top 25%:** No

45 Suárez Mejías C; Echevarría C; Nuñez P; Manso L; Bustos P; Leal S; Parra Calderón C. Ursus: A Robotic Assistant for Trainin g of Children with Motor Impairments. pp. 249 - 253. 01/01/2013. ISSN 2195-3570
Type of production: Scientific paper **Format:** Journal

46 Parra C; Jódar-Sánchez F; Jiménez-Hernández MD; Vigil E; Palomino-García A; Moniche-Álvarez F; De la Torre-Laviana FJ; Bonachela P; Fernández FJ; Cayuela-Domínguez A; Leal S. Development, Implementation, and Evaluation of a Telemedicine Service for the Treatment of Acute Stroke Patients: TeleStroke.Interact J Med Res. 1, pp. e15. 15/11/2012. ISSN 1929-073X
Type of production: Scientific paper

47 Suárez Mejías C; Gómez Ciriza G; Gacto Sánchez P; Gómez Cía T; Parra Calderón C. Personalized surgical planning to supp ort interventions and training of surgeons. Journal MICCAI Workshop on clinical image based procedures from planning to intervention, CLI P 2012, Springer, Lectures Notes in Science. 7761, pp. 83 - 90. 01/01/2012. ISSN 9783642380785
Type of production: Scientific paper **Format:** Journal

48 Moreno A; Martínez A; Núñez F; Parra C. Testing a New CDA Development Strategy in a Standardized Infraestructure for Continuity of Care in Chronic Kidney Disease Patients. European Journal for Biomedical Informatics. Bernd Blobel and Robert Stegwee, 01/01/2012. ISSN 1801-5603
Type of production: Scientific paper **Format:** Journal

49 Moner D; Moreno A; Maldonado JA; Robles M; Parra C. Using archetypes for defining CDA templates.Stud Health Technol Inform. 180, pp. 53 - 7. 01/01/2012. ISSN 0926-9630
Type of production: Scientific paper

50 Cristina Suárez Mejías; Gorka Gómez Ciriza; Tomás Gómez Cía; Purificación Gacto Sánchez and Carlos Parra Calderón. Virtual reality simulation and assisted surgery: AYRA virtual and physical biomodels. Journal 18 th International Conference on Virtual Systems and Multimedia. 01/01/2012.
Type of production: Scientific paper

51 Carlos Parra Calderón; Alberto Moreno Conde y Francisco Pascual. Modelo Funcional del Sistema de Historia Clínica Personal basado en el perfil de Autoridades Sanitarias. HL7 Spain. 1, pp. 1 - 67. 09/09/2011.
Type of production: Scientific paper **Format:** Journal

52 García Morillo J; Pascual Peña F; Galindo Ocaña J; Parra Calderón C; Aguilera González C; Costalli F; Senciales Chaves J; Fanucci L. PROYECTO HEALTH@HOME: UN MODELO DE TELEMONITORIZACIÓN DOMICILIARIA EN PACIENTES CON INSUFICIENCIA CARDIACA DESCOMPENSADA Y FRAGILIDAD CLÍNICA. Revista Clínica Española. pp. 250 - 251. 01/01/2011. ISSN 0014-2565

Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR) **Category:** MEDICINE, GENERAL & INTERNAL
Impact index in year of publication: 2.008 **Journal in the top 25%:** No

53 NIETO MARTIN MD; OLLERO BATURONE M; BERNABEU WITTEL M; Parra Calderón C; de la Higuera González JM. LAS TIC EN LA INTEGRACIÓN Y LA CONTINUIDAD DE LOS CUIDADOS LA UNIDAD CLÍNICA DE ATENCIÓN MÉDICA INTEGRAL (UCAMI). UN NUEVO MODELO HOSPITALARIO PARA LA ATENCION A PACIENTES CRÓNICOS COMPLEJOS. INFORMATICA Y SALUD. Numero 82., pp. 8 - 15. 01/10/2010. ISSN 1579-8070
Type of production: Scientific paper

54 Gacto-Sánchez P; Sicilia-Castro D; Lagares A; Collell M; Suarez C; Parra C; Leal S; Infante-Cossío P; De La Higuera JM.. The need for randomized-controlled trials in preoperative perforator imaging techniques. Plastic and Reconstructive Surgery. 25/04/2010.
Type of production: Scientific paper **Format:** Journal

55 Gómez-Cía T; Gacto-Sánchez P; Sicilia D; Suárez C; Acha B; Serrano C; Parra C; De La Higuera J. The virtual reality tool VirSSPA in planning DIEP microsurgical breast reconstruction.Int J Comput Assist Radiol Surg. 4, pp. 375 - 82. 01/06/2009. ISSN 1861-6410
Type of production: Scientific paper

56 Parra Calderón CL; Subcomité Técnico de Farmacia de HL7 Spain. La Mensajería HL7 como Estándar de Interoperabilidad en Receta Electrónica. Revista I+S. 01/04/2009. ISSN 1579-8070
Type of production: Scientific paper **Format:** Journal

57 Suárez C; Acha B; Serrano C; Parra C; Gómez T. VirSSPA- a virtual reality tool for surgical planning workflow.Int J Comput Assist Radiol Surg. 4, pp. 133 - 9. 01/03/2009. ISSN 1861-6410
Type of production: Scientific paper

58 Suárez Mejías C; Parra Calderón C; De la Higuera González JM; Fínez Martinez F; Angulo Bahon C; Lopez De Ipiña D; Del Coso Lopez R; Loichate Cid M; Del Rio Rodriguez D; Plana Farnós S; Bustos Gacía P; Yuste Marco A; Massana Guitart F; Lázaro Cornejo JL; Rey Serrano JL. La robótica al servicio de la salud: Caso de aplicación robótica para la atención sanitaria de la salud infantil. Revista I+S informática y Salud. Sociedad Española de Informática de la Salud. 77, pp. 30 - 42. 01/01/2009. ISSN 1579-8070
Type of production: Scientific paper **Format:** Journal

59 Bonachela Solás P; Parra Calderón CL; Leal González S; Maldonado Reyes M; Gallego González D; Álvarez Nevado M. Modelado de servicios de soporte a la demanda quirúrgica. SISTEDES 2009. 3, pp. 76 - 82. 01/01/2009. ISSN 1988-3455
Type of production: Scientific paper **Format:** Journal

60 C. Suárez Mejías; D. Derlinchan González; A. Cabral Camacho; T. Gómez Cía; P. Gacto Sánchez; M. Pérez Lorente; c. Parra Calderón; J. M. De la Higuera González. Realidad virtual aplicada a la gestión, planificación y optimización de las intervenciones quirúrgicas. CASEIB. 01/01/2009. ISSN 9788460809090
Type of production: Scientific paper

61 Arriaza JG; Aragón G; Vigil E; S.Leal; Parra C; Nieto J. Sistema de ayuda a la codificación de la actividad clínica en base a Tesauros. INFORSALUD. 01/01/2009. ISSN 84-691-9561-1
Type of production: Scientific paper **Format:** Journal

62 Cristina Suárez Mejías; Armando Cabral Camacho; Daniel Derlinchán González; Tomás Gómez Cía; Purificación Gacto Sánchez; Manuel Pérez Lorente; Carlos Parra Calderón; José María de la Higuera González. Sistema integral de Gestión del conocimiento de ayuda a la toma de decisiones en el ámbito quirúrgico. pp. 50. 01/09/2008. ISSN 9788461262908
Type of production: Scientific paper

63 Parra Calderón C; Suárez Mejías C; Leal Gonzalez S; Gómez Cía T; Acha Piñero B; Framiñan Torres JM; de la Higuera González JM. Gestión del Conocimiento aplicado a Realidad Virtual. Revista I+S informática y Salud. Sociedad Española de Informática de la Salud. 69, pp. 38 - 42. 01/05/2008. ISSN 1579-8070
Type of production: Scientific paper **Format:** Journal

64 González Sánchez MJ; Framiñán Torres JM; Parra Calderón CL; Del Río Ortega JA; Vigil Martín E; Nieto Cervera J. Application of Business Process Management to drive the deployment of a speech recognition system in a healthcare organization.Studies in health technology and informatics. 136, pp. 511 - 6. 01/01/2008. ISSN 0926-9630
Type of production: Scientific paper

65 Suárez-Mejías C.; Acha B.; Serrano C.; Parra C.; Go mez C. Improvement of the virtual reality tool used in pla nning and optimization of surgical processes. International Journal Radiology of Computer Assiste d Radiology and Surgery, Springer. 3 (1), pp. 300. 01/01/2008. ISSN 1861-6410
Type of production: Scientific paper

66 Lea Sl; Parra C: González MA; Framiñán JM; Vigil E; Nieto J. Desarrollo e implantación de una herramienta de reconocimiento de voz como ayuda al proceso asistencial. INFORSALUD. 01/01/2007. ISSN 84-690-2927-4
Type of production: Scientific paper **Format:** Journal

67 Parra C;Leal S; Vigil E; Alfaro A; Polifeme C: Pérez R; Delgado R. Aplicaciones del estándar CDA de HL7 para intercambio de informes de Anatomía Patológica. INFORSALUD. 01/01/2006. ISSN 8468974129
Type of production: Scientific paper **Format:** Journal

68 Roman-Villaran, E.; Perez-Leon, F. P.; Escobar-Rodriguez, G. A.; Martinez-Garcia, A.; Alvarez-Romero, C.; Parra-Calderon, C. L.. An Ontology-Based Personalized Decision Support System for Use in the Complex Chronically Ill Patient. MEDINFO 2019: HEALTH AND WELLBEING E-NETWORKS FOR ALL. 264, pp. 758 - 762. 2019. Available on-line at: <17th World Congress of Medical and Health Informatics (MEDINFO)>. ISSN 0926-9630
Legal deposit: AUG 25-30, 2019
Type of production: Book chapter **Format:** Book
Source of citations: WOS **Citations:** 3

69 Escobar-Rodriguez, G. A.; Perez-Esteban, R. J.; Perez-Leon, F. P.; Moreno Conde, J.; Palomino-Garcia, A.; Parra-Calderon, C.; Jimenez Hernandez, M. D.. Knowing Patients Better After a Stroke and Secondary Prevention. MEDINFO 2019: HEALTH AND WELLBEING E-NETWORKS FOR ALL. 264, pp. 916 - 919. 2019. Available on-line at: <17th World Congress of Medical and Health Informatics (MEDINFO)>. ISSN 0926-9630
Legal deposit: AUG 25-30, 2019
Type of production: Book chapter **Format:** Book
Source of citations: WOS **Citations:** 0

70 Naranjo-Saucedo AB; Suárez-Mejías C; González E; Yuste A; Bustos P; Bonache R; Marcos A; Parra C. Interactive games by means of robotic and augmented reality technologies in cognitive and motor rehabilitation. Handbook of Research on Seriuos Games as Educational, Bussiness and Research Tools, Maria Manuela Cruz-Cunha. 63, pp. 1212 - 1213. 01/01/2012. ISSN 1466601493
Type of production: Book chapter

71 Moreno A; Berry D; Parra C. A Study of Archetype Development Processes. Studies in Health Technology and Informatics. 01/01/2011. ISSN 9781607508090
Type of production: Book chapter **Format:** Book

72 Eider Sánchez; Carlos Toro; Eduardo Carrasco; Patricia Bonachela; Carlos Parra; Gloria Bueno; Frank Guijarro. A knowledge-based Clinical Decision Support System for the diagnosis of Alzheimer Disease. e-Health Networking Applications and Services (Healthcom). pp. 351 - 357. 01/01/2011. ISSN 9781612846965
Type of production: Book chapter

73 Eider Sánchez; Carlos Toro; Eduardo Carrasco; Gloria Bueno; Carlos Parra; Patricia Bonachela; Manuel Graña; Frank Guijarro. An Architecture for the Semantic Enhancement of Clinical Decision Support Systems. Knowlege-Based and Intelligent Information and Engineering Systems. Lecture Notes in Computer Science. 6882, pp. 611 - 620. Springer Berlin, 01/01/2011.
Type of production: Book chapter

74 Ollero Baturone M; Bernabeu Wittel M; Parra Calderón C L; de la Higuera González JMª. Innovación TIC para las personas mayores. Situación, requerimientos y soluciones en la atención integral de la cronicidad y la dependencia. pp. 178 - 183. 01/01/2011. ISSN 8493474061
Type of production: Book chapter

75 De la Higuera JM; Ollero M; Bernabeu M; Ortiz MA; Bailey P; Parra CL; Tamber P. Primary care, institutional services and integrated management processes". When people live with multiple chronic diseases: a collaborative approach to an emerging global challenge. pp. 143 - 162. 01/01/2010. ISSN 9788469324707
Type of production: Book chapter

76 Escalona MJ; Gutiérrez JJ; Moreno F; Parra Calderón CL; Nieto J; Pérez F; Martín FM; LLergo Muñóz A. A practical example for model-driven web requirements. Information System Development: Towards a Service Provision Society. Springer New York Dordrecht Heidelberg London. 01/01/2009. ISSN 9780387848099
Type of production: Book chapter **Format:** Book

77 Purificación Gacto-Sánchez; Tomás Gómez-Cía; Cristina Suárez-Mejías; Domingo Sicilia Castro; Manuel Pérez-Lorente; Carlos Parra; Sandra Leal; Jose María De la Higuera. Computer-assisted planning and navigation in plastic surgery: a descriptive study in a preliminary cohort, Recent Advances in Biology. Biophysics and Computational Chemistry. 01/01/2009. ISSN 9789604741410
Type of production: Book chapter

78 Leal S; Suárez C; Framiñan JM; Parra CL; Gómez T; Gacto P; De la Higuera JM. Virtual Reality for supporting surgical planning. Handbook of Research on developments in e-Health and Telemedicine: Technological and social Perspective. 1/29, pp. 614 - 636. Editorial ICTae-Information and Communication Technology for the Advanced Enterprise, 01/01/2009. ISSN 9781615206704
Type of production: Book chapter **Format:** Book

79 Suárez-Mejías C; Cabral-Camacho A; Derlinchan-González D; Gómez-Cía T; Gacto-Sanchez P; Pérez-Lorente M; Parra-Calderón C; De la Higuera-González JM. Virtual reality applied to the management, planning and optimization of surgical interventions. Recent Advances in Biology, Biophysics and Computational Chemistry, WSEAS Press. pp. 126 - 131. 01/01/2009. ISSN 9789604741410
Type of production: Book chapter **Format:** Book

80 Ronald Cornet; L?cr?mioara Stoicu-Tivadar; Alexander Hörbst; Carlos Luis Parra Calderón; Stig Kjær Andersen; Mira Hercigonja-Szekeres. Studies in Health Technology and Informatics,. Libro. 210, "Digital Healthcare Empowering Europeans, 01/01/2015. ISSN 978-1-61499-5
Type of production: Scientific book or monograph **Format:** Book

81 Carlos Luis Parra Calderón. DIGITAL HEALTHCARE EMPOWERING EUROPEANS (PROCEEDINGS OF MIE2015). 01/01/2015. ISSN 978-1-61499-511-1
Type of production: Scientific book or monograph

82 Almada M; Midão L; Portela D; Dias I; Núñez-Benjumea FJ; Parra-Calderón CL; Costa E. [A New Paradigm in Health Research: FAIR Data (Findable, Accessible, Interoperable, Reusable)].Acta medica portuguesa. 33, pp. 828 - 834. 2021. ISSN 0870-399X
DOI: 10.20344/amp.12910
PMID: 33496252
Type of production: Review

83 Key Research Areas for Building and Deploying a Common Data Model for an Intensive Medicine Data Space in Europe and Beyond. 2024.
Type of production: null

84 Ritoré Á; Jiménez CM; González JL; Rejón-Parrilla JC; Hervás P; Toro E; Parra-Calderón CL; Celi LA; Túnez I; Armengol de la Hoz MÁ. The role of Open Access Data in democratizing healthcare AI: A pathway to research enhancement, patient well-being and treatment equity in Andalusia, Spain.PLOS digital health. 3, pp. e0000599. 16/09/2024.
DOI: 10.1371/journal.pdig.0000599
PMID: 39283912
Citations: 58

85 Gallos P; Matragkas N; Islam SU; Epiphaniou G; Hansen S; Harrison S; van Dijk B; Haas M; Pappous G; Brouwer S; Torlontano F; Abbasi SF; Pournik O; Churm J; Mantas J; Parra-Calderón CL; Petkousis D; Weber P; Dzingina B; Mraidha C; Maple C; Achterberg J; Spruit M; Saratsioti E; Moustaghfir Y; Arvanitis TN. INSAFEDARE Project: Innovative Applications of Assessment and Assurance of Data and Synthetic Data for Regulatory Decision Support.Studies in health technology and informatics. 316, pp. 1193 - 1197. 2024. ISSN 0926-9630
DOI: 10.3233/SHTI240624
PMID: 39176595

86 Parra-Calderón CL; Rodríguez Mejías S; Colpaert K; Balzer F; Delange B; Cuggia M; Delamarre D; Daniel C; Moinat M; van den Brand J; van Genderen ME; Fleureng L; Jungh C; Álvarez-Romero C. Key Research Areas for Building and Deploying a Common Data Model for an Intensive Medicine Data Space in Europe and Beyond.Studies in health technology and informatics. 316, pp. 1465 - 1466. 2024. ISSN 0926-9630
DOI: 10.3233/SHTI240690
PMID: 39176480

87 Rodríguez-Mejías S; Degli-Esposti S; González-García S; Parra-Calderón CL. Toward the European Health Data Space: The IMPaCT-Data secure infrastructure for EHR-based precision medicine research.Journal of biomedical informatics. 156, pp. 104670. 2024. ISSN 1532-0464
DOI: 10.1016/j.jbi.2024.104670
PMID: 38880235

88 Román-Villarán E; Alvarez-Romero C; Martínez-García A; Escobar-Rodríguez GA; García-Lozano MJ; Barón-Franco B; Moreno-Gaviño L; Moreno-Conde J; Rivas-González JA; Parra-Calderón CL. Correction: A Personalized Ontology-Based Decision Support System for Complex Chronic Patients: Retrospective Observational Study.JMIR formative research. 7, pp. e46102. 2023.
DOI: 10.2196/46102
PMID: 36854147

89 Boaglio A; Parra-Calderón CL; Martinez-García A; Escalona-Cuaresma MJ; Maggi N; Coviello D; Uva P; Giacomini M. From FAIR4Health Project to 1+MG Initiative: A Spain - Italy Collaboration.Studies in health technology and informatics. 302, pp. 386 - 387. 2023. ISSN 0926-9630
DOI: 10.3233/SHTI230153
PMID: 37203698

90 Perbix M; Löbe M; Stäubert S; Sinaci AA; Gencturk M; Quintero M; Martinez-Garcia A; Alvarez-Romero C; Parra-Calderon CL; Winter A. A Formal Model for the FAIR4Health Information Architecture.Studies in health technology and informatics. 295, pp. 446 - 449. 2022. ISSN 0926-9630
DOI: 10.3233/SHTI220761
PMID: 35773907

91 Román-Villarán E; Ammenwerth E; Wijayaratne J; Parra-Calderón CL. Desiderata for a New Generation of EHRs for Inclusive Healthcare.Yearbook of medical informatics. 31, pp. 88 - 93. 2022. ISSN 0943-4747
DOI: 10.1055/s-0042-1742507
PMID: 35654434
Source of citations: Otros **Citations:** 39

92 Alvarez-Romero C; Martínez-García A; Sinaci AA; Gencturk M; Méndez E; Hernández-Pérez T; Liperoti R; Angioletti C; Löbe M; Ganapathy N; Deserno TM; Almada M; Costa E; Chronaki C; Cangioli G; Cornet R; Poblador-Plou B; Carmona-Pírez J; Gimeno-Miguel A; Poncel-Falcó A; Prados-Torres A; Kovacevic T; Zaric B; Bokan D; Hromis S; Djekic Malbasa J; Rapallo Fernández C; Velázquez Fernández T; Rochat J; Gaudet-Blavignac C; Lovis C; Weber P; Quintero M; Perez-Perez MM; Ashley K; Horton L; Parra Calderón CL. FAIR4Health: Findable, Accessible, Interoperable and Reusable data to foster Health Research.Open research Europe. 2, pp. 34. 2022.
DOI: 10.12688/openreseurope.14349.2
PMID: 37645268
Source of citations: Otros **Citations:** 16

93 Martínez-García A; Cangioli G; Chronaki C; Löbe M; Beyan O; Juehne A; Parra-Calderón CL. FAIRness for FHIR: Towards Making Health Datasets FAIR Using HL7 FHIR.Studies in health technology and informatics. 290, pp. 22 - 26. 2022. ISSN 0926-9630
DOI: 10.3233/SHTI220024
PMID: 35672963

94 Alvarez-Romero, Celia; Martinez-Garcia, Alicia; Vega, Jara Ternero; Diaz-Jimenez, Pablo; Jimenez-Juan, Carlos; Nieto-Martin, Maria Dolores; Villaran, Esther Roman; Kovacevic, Tomi; Bokan, Darijo; Hromis, Sanja; Malbasa, Jelena Djekic; Besla, Suzana; Zaric, Bojan; Gencturk, Mert; Sinaci, A. Anil; Baturone, Manuel Ollero; Calderon, Carlos Luis Parra. Predicting 30-Day Readmission Risk for Patients With Chronic Obstructive Pulmonary Disease Through a Federated Machine Learning Architecture on Findable, Accessible, Interoperable, and Reusable (FAIR) Data: Development and Validation Study. JMIR MEDICAL INFORMATICS. 10, 2022.
DOI: 10.2196/35307
PMID: 35653170

95 Martinez-Garcia A; Naranjo-Saucedo AB; Rivas JA; Romero Tabares A; Marín Cassinello A; Andrés-Martín A; Sánchez Laguna FJ; Villegas R; Pérez León FP; Moreno Conde J; Parra Calderón CL. A Clinical Decision Support System (KNOWBED) to Integrate Scientific Knowledge at the Bedside: Development and Evaluation Study.JMIR medical informatics. 9, pp. e13182. 2021. ISSN 2291-9694
DOI: 10.2196/13182
PMID: 33709932
Source of citations: Otros **Citations:** 28

96 Carrasco-Hernandez, Laura; Jodar-Sanchez, Francisco; Nunez-Benjumea, Francisco; Moreno Conde, Jesus; Mesa Gonzalez, Marco; Civit-Balcells, Anton; Hors-Fraile, Santiago; Luis Parra-Calderon, Carlos; Bamidis, Panagiotis D.; Ortega-Ruiz, Francisco. A Mobile Health Solution Complementing Psychopharmacology-Supported Smoking Cessation: Randomized Controlled Trial. JMIR MHEALTH AND UHEALTH. 8, 2020. ISSN 2291-5222

97 Bertsimas, Dimitris; Lukin, Galit; Mingardi, Luca; Nohadani, Omid; Orfanoudaki, Agni; Stellato, Bartolomeo; Wiberg, Holly; Gonzalez-Garcia, Sara; Parra-Calderon, Carlos Luis; Robinson, Kenneth; Schneider, Michelle; Stein, Barry; Estirado, Alberto; Beccara, Lia; Canino, Rosario; Dal Bello, Martina; Pezzetti, Federica; Pan, Angelo; Hellenic Covid 19 Study Grp. COVID-19 mortality risk assessment: An international multi-center study. PLOS ONE. 15, 2020. ISSN 1932-6203
DOI: 10.1371/journal.pone.0243262
PMID: 33296405

98 Gacto-Sánchez P; Molina-Morales J; Rodríguez-Vela F; Moreno-Conde J; Sendin-Martin M; Parra-Calderon C; Gomez-Cía T; Pereyra-Rodriguez JJ. Diagnostic accuracy of a telemedicine tool for acute burns diagnosis.Burns : journal of the International Society for Burn Injuries. 46, pp. 1799 - 1804. 2020. ISSN 0305-4179
DOI: 10.1016/j.burns.2020.05.020
PMID: 32830000

99 Olivero, M. A.; Dominguez-Mayo, F. J.; Parra-Calderon, C. L.; Escalona, M. J.; Martinez-Garcia, A.. Facilitating the design of HL7 domain models through a model-driven solution. BMC MEDICAL INFORMATICS AND DECISION MAKING. 20, 2020.

100 Sinaci, A. Anil; Nunez-Benjumea, Francisco J.; Gencturk, Mert; Jauer, Malte-Levin; Deserno, Thomas; Chronaki, Catherine; Cangioli, Giorgio; Cavero-Barca, Carlos; Rodriguez-Perez, Juan M.; Perez-Perez, Manuel M.; Erturkmen, Gokce B. Laleci; Hernandez-Perez, Tony; Mendez-Rodriguez, Eva; Parra-Calderon, Carlos L.. From Raw Data to FAIR Data: The FAIRification Workflow for Health Research. METHODS OF INFORMATION IN MEDICINE. 59, 2020. ISSN 0026-1270

101 Kardas P; Aguilar-Palacio I; Almada M; Cahir C; Costa E; Giardini A; Malo S; Massot Mesquida M; Menditto E; Midão L; Parra-Calderón CL; Pepiol Salom E; Vrijens B. The need for patient adherence standard measures for Big Data.Journal of medical Internet research. 2020. ISSN 1439-4456
DOI: 10.2196/18150
PMID: 32663138

102 Carlos Pulido, Jose; Suarez-Mejias, Cristina; Carlos Gonzalez, Jose; Duenas Ruiz, Alvaro; Ferrand Ferri, Patricia; Martinez Sahuquillo, Maria Encarnacion; Echevarria Ruiz De Vargas, Carmen; Infante-Cossio, Pedro; Parra Calderon, Carlos Luis; Fernandez, Fernando. A Socially Assistive Robotic Platform for Upper-Limb Rehabilitation A Longitudinal Study With Pediatric Patients. IEEE ROBOTICS & AUTOMATION MAGAZINE. 26, 2019. ISSN 1070-9932

103 Roman-Villaran, E.; Perez-Leon, F. P.; Escobar-Rodriguez, G. A.; Parra-Calderon, C. L.. EIP ON AHA ONTOLOGY FOR ADHERENCE: KNOWLEDGE REPRESENTATION ADVANCED TOOLS. TRANSLATIONAL MEDICINE AT UNISA. 19, 2019. ISSN 2239-9747

104 Moreno-Conde, A.; Luis Parra-Calderon, Carlos; Sanchez-Seda, S.; Escobar-Rodriguez, G. A.; Lopez-Otero, M.; Cusso, L.; del-Cerro-Garcia, R.; Segura-Sanchez, M.; Herrero-Uriguen, L.; Marti-Ras, N.; Alberti-Ibarz, M.; Desco, M.. ITEMAS ontology for healthcare technology innovation. HEALTH RESEARCH POLICY AND SYSTEMS. 17, 2019. ISSN 1478-4505

105 Nunez Benjumea, F.; Moreno Conde, J.; Moreno Conde, A.; Gonzalez Garcia, S.; Ortiz Gordillo, M. J.; Riquelme, J.; Fernandez Fernandez, M. D. C.; Parra Calderon, C. L.; Lopez Guerra, J. L.. S32: A decision Support System to predict radiation toxicity in lung cancer patients. RADIOTHERAPY AND ONCOLOGY. 133, 2019. ISSN 0167-8140

106 Puig Sanchez, Francisco Guillermo; Carrasco Hernandez, Laura; Nunez Benjumea, Francisco; Gomez Rodriguez, Belen; Mesa Gonzalez, Marco; Jodar Sanchez, Francisco; Bamidis, Panagiotis; Civit, Anton; Parra Calderon, Carlos Luis; Marquez Martin, Eduardo; Ortega Ruiz, Francisco. Use of a mobile App to give up smoking. Results from a clinical trial. EUROPEAN RESPIRATORY JOURNAL. 54, 2019. ISSN 0903-1936

107 Held, Jeremia P.; Ferrer, Begona; Mainetti, Renato; Steblin, Alexander; Hertler, Benjamin; Moreno-Conde, Alberto; Duenas, Alvaro; Pajaro, Marta; Parra-Calderon, Carlos L.; Vargiu, Eloisa; Jose Zarco, Maria; Barrera, Maria; Echevarria, Carmen; Jodar-Sanchez, Francisco; Luft, Andreas R.; Alberto Borghese, N.. Autonomous rehabilitation at stroke patients home for balance and gait: safety, usability and compliance of a virtual reality system. EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE. 54, 2018. ISSN 1973-9087

108 Luis Parra-Calderon, Carlos; Kaye, Jane; Moreno-Conde, Alberto; Teare, Harriet; Nunez-Benjumea, Francisco. Desiderata for digital consent in genomic research. JOURNAL OF COMMUNITY GENETICS. 9, 2018. ISSN 1868-310X

109 Sanchez Seda, Silvia; Perez Leon, Francisco de Paula; Moreno Conde, Jesus; Gutierrez Ruiz, Maria C.; Martin Sanchez, Jesus; Rodriguez, Guillermo; Perez Simon, Jose Antonio; Parra Calderon, Carlos L.. Platform for the automatic extraction and coding of concepts within the scope of Oncohematology (COCO Project). PROCESAMIENTO DEL LENGUAJE NATURAL. 2018. ISSN 1135-5948

110 Jodar-Sanchez, Francisco; Carrasco Hernandez, Laura; Nunez-Benjumea, Francisco J.; Mesa Gonzalez, Marco Antonio; Moreno Conde, Jesus; Parra Calderon, Carlos Luis; Fernandez-Luque, Luis; Hors-Fraile, Santiago; Civit, Anton; Bamidis, Panagiotis; Ortega-Ruiz, Francisco. Using the Social-Local-Mobile App for Smoking Cessation in the SmokeFreeBrain Project: Protocol for a Randomized Controlled Trial. JMIR RESEARCH PROTOCOLS. 7, 2018. ISSN 1929-0748

111 Suarez-Mejias, Cristina; Perez-Carrasco, Jose A.; Serrano, Carmen; Lopez-Guerra, Jose L.; Gomez-Cia, Tomas; Parra-Calderon, Carlos L.; Acha, Begona. Validation of a method for retroperitoneal tumor segmentation. INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY. 12, 2017. ISSN 1861-6410

112 Martínez-García A; García-García JA; Escalona MJ; Parra-Calderón CL. Working with the HL7 metamodel in a Model Driven Engineering context.Journal of biomedical informatics. 0, 05/09/2015. ISSN 1532-0464

Impact source: WOS (JCR) **Category:** COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS

Impact index in year of publication: 2.447 **Journal in the top 25%:** Yes

113 Torres Zenteno AH; Fernández F; Palomino-García A; Moniche F; Escudero I; Jiménez-Hernández MD; Caballero A; Escobar-Rodriguez G; Parra C. Mobile platform for treatment of stroke: A case study of tele-assistance.Health informatics journal. 0, 14/05/2015. ISSN 1460-4582

Impact source: WOS (JCR) **Category:** HEALTH CARE SCIENCES & SERVICES

Impact index in year of publication: 1.578 **Journal in the top 25%:** No

114 Garcia-Jimenez A; Moreno-Conde A; Martínez-García A; Marín-León I; Medrano-Ortega FJ; Parra-Calderón CL. Clinical Decision Support using a Terminology Server to improve Patient Safety.Studies in health technology and informatics. 210, 01/01/2015. ISSN 0926-9630

115 Moreno-Conde J; Moreno-Conde A; Núñez-Benjumea FJ; Parra-Calderón C. Contextual cloud-based service oriented architecture for clinical workflow.Studies in health technology and informatics. 210, 01/01/2015. ISSN 0926-9630

116 Cornet R; Stoicu-Tivadar L; Hörbst A; Parra Calderón CL; Andersen SK; Hercigonja-Szekeres M. Digital Healthcare Empowering Europeans. Preface.Studies in health technology and informatics. 210, pp. v. 01/01/2015.

117 Suárez-Mejías C; Gomez-Ciriza G; Valverde I; Parra Calderón C; Gómez-Cía T. New technologies applied to surgical processes: Virtual Reality and rapid prototyping.Studies in health technology and informatics. 210, 01/01/2015. ISSN 0926-9630

118 Escobar-Rodríguez GA; Martínez-García A; Bonachela-Solas P; Fornelino-Díez A; Parra-Calderón CL. Process management tool for planning surgical activity.Stud Health Technol Inform. 210, 01/01/2015. ISSN 0926-9630

119 Moreno-Conde A; Jódar-Sánchez F; Pajaro-Blázquez M; Dueñas-Ruiz A; Ferrer-González B; Zarco-Periñan MJ; Parra-Calderón C. Telerehabilitation programme based on serious games and lifestyle monitoring.Stud Health Technol Inform. 210, 01/01/2015. ISSN 0926-9630

120 Núñez-Benjumea F; Moreno-Conde A; Jódar-Sánchez F; Martínez-García A; Parra-Calderón CL. Improving integrated care in chronic kidney failure patients with a standard-based interoperability framework.Stud Health Technol Inform. 205, 01/01/2014. ISSN 0926-9630

121 [Mancilla-Amaya; Leonardo; Sanin; Cesar; Szczerbicki; Edward] Univ Newcastle; Sch Engn; Fac Engn Built Environm; Newcastle; NSW 2300; Australia; [Grana; Manuel] Univ Basque Country; Computat Intelligence Grp; San Sebastian; Spain; [Bonachela; Patricia; Parra; Carlos] Univ Hosp Virgen del Rocio; UCAi Grp; Seville; Spain; [Bueno; Gloria] Univ Castilla La Mancha; ETSII; VISILAB Grp; E-13071 Ciudad Real; Spain; [Guijarro; Frank] Bilbomatica; Bilbao; Spain; [Toro; Carlos; Sanchez; Eider; Carrasco; Eduardo] Vicomtech IK4; San Sebastian 20009; Spain. Using Set of Experience Knowledge Structure to Extend a Rule Set of Clinical Decision Support System for Alzheimer's Disease Diagnosis. CYBERNETICS AND SYSTEMS.43, pp. 81 - 95. 01/01/2012. ISSN 0196-9722

Impact source: WOS (JCR) **Category:** COMPUTER SCIENCE, CYBERNETICS
Impact index in year of publication: 0.973 **Journal in the top 25%:** No

122 Gacto-Sánchez P; Sicilia-Castro D; Gómez-Cía T; Lagares A; Collell T; Suárez C; Parra C; Infante-Cossío P; De La Higuera JM. Use of a three-dimensional virtual reality model for preoperative imaging in DIEP flap breast reconstruction.J Surg Res. 162, pp. 140 - 147. 01/07/2010. ISSN 0022-4804

Impact source: WOS (JCR) **Category:** SURGERY
Impact index in year of publication: 2.239 **Journal in the top 25%:** No

123 Gacto-Sánchez P; Sicilia-Castro D; Gómez-Cía T; Lagares A; Collell T; Suárez C; Parra C; Leal S; Infante-Cossío P; De la Higuera JM. Computed tomographic angiography with VirSSPA three-dimensional software for perforator navigation improves perioperative outcomes in DIEP flap breast reconstruction.Plast Reconstr Surg. 125, pp. 24 - 31. 01/01/2010. ISSN 0032-1052

Impact source: WOS (JCR) **Category:** SURGERY
Impact index in year of publication: 2.647 **Journal in the top 25%:** Yes

124 Gacto P; Barrera F; Sicilia-Castro D; Miralles F; Collell M; Leal S; De La Higuera J; Parra C; Gómez-Cía T. A three-dimensional virtual reality model for limb reconstruction in burned patients.Burns. 35, pp. 1042 - 1046. 01/11/2009. ISSN 0305-4179

Impact source: WOS (JCR) **Category:** DERMATOLOGY
Impact index in year of publication: 1.95 **Journal in the top 25%:** No

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 **Committee title:** Editorial Board of JCO Clinical Cancer Informatics de la ASCO
Affiliation entity: American Society of Clinical Oncology ASCO
City affiliation entity: United States of America
Start-End date: 24/10/2016 - 30/06/2023

2 **Committee title:** Clinical Research Informatics Working Group
Affiliation entity: American Medical Informatics Association **Type of entity:** Associations and Groups
City affiliation entity: Washington DC, United States of America
Start-End date: 01/01/2021 - 31/12/2022

3 **Committee title:** Miembro de ISO 215,Task Force 5 for "AI in Healthcare"
Affiliation entity: European Space Astronomy Centre
Start date: 15/05/2024

4 **Committee title:** Scientific Advisory Board member EIT Health Healthcare Transformation Academy
Affiliation entity: Karolinska Institute
Start date: 01/03/2023

5 **Committee title:** IMIA Health Information System WG Chair
Primary (UNESCO code): 120304 - Artificial intelligence; 120308 - Codes and coding systems; 120317 - Informatics; 120318 - Information systems; design and componente; 120320 - Medical monitoring systems; 330000 - Technological Science.
Secondary (UNESCO code): 120304 - Artificial intelligence; 120308 - Codes and coding systems; 120317 - Informatics; 120318 - Information systems; design and componente; 120323 - Programming languages
Affiliation entity: International Medical Informatics Association **Type of entity:** Associations and Groups
City affiliation entity: Ginebra, Switzerland
Start date: 03/06/2019

6 **Committee title:** EFMI Trasnlational health informatics WG Co-Chair
Primary (UNESCO code): 120304 - Artificial intelligence; 120307 - Causal modelling; 120308 - Codes and coding systems; 120317 - Informatics; 120320 - Medical monitoring systems; 321200 - Public health
Affiliation entity: European Federation for Medical Informatics **Type of entity:** Associations and Groups
City affiliation entity: Switzerland
Start date: 04/03/2018

7 **Committee title:** Editorial Board Revista JMIR Medical Informatics.
Affiliation entity: JMIR Medical Informatics
Start date: 05/06/2015

8 **Committee title:** UNE CTN 139 Informática de la Salud
Affiliation entity: Agencia Española de Normalización
Start date: 16/01/2015

Organization of R&D activities

1 **Title of the activity:** LOC Chair - Special Topic Conference - Applying the FAIR principles to accelerate health research in Europe in the post-COVID19 Era
Type of activity: Conference **Geographical area:** Non EU International
Convening entity: European Federation for Medical Informatics **Type of entity:** Associations and Groups
City convening entity: Sevilla, Andalusia, Spain
Start-End date: 22/11/2021 - 24/11/2021 **Duration:** 3 days

2 **Title of the activity:** Chair of the Organizing and Scientific Committee SEPLN 2018
Type of activity: Congreso Internacional **Geographical area:** Non EU International
Convening entity: Sociedad Española de Procesamiento del Lenguaje Natural SEPLN
City convening entity: Seville, Spain
Start-End date: 19/09/2018 - 21/09/2018

3 **Title of the activity:** Chair of the Local Organizing Committee of the Medical Informatics Europe MIE 2015
Type of activity: Congreso Internacional **Geographical area:** European Union
Convening entity: European Federation for Medical informatics EFMI
City convening entity: Madrid
Start-End date: 27/07/2015 - 29/05/2015

4 **Title of the activity:** General Coordinator of the National Conference on Innovation and Health in Andalusia
Type of activity: Jornadas **Geographical area:** National
City of event: Malaga, Andalusia, Spain
Convening entity: Sociedad Española de Informática de la Salud **Type of entity:** Associations and Groups
City convening entity: Málaga, Andalusia, Spain
Type of participation: Organiser
Nº assistants: 200
Start date: 01/01/2010 **Duration:** 10 years

R&D management

Name of the activity: R&D&I Management System in accordance with UNE 166.002
Type of management: Management of body
Performed tasks: Miembro de la Unidad de Gestión de la IDi
Entity: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency
Start date: 23/03/2016

Evaluation and revision of R&D projects and articles

1 **Name of the activity:** Revisión propuestas infraestructuras de investigación Horizonte Europa
Performed tasks: Experto Evaluador de propuestas de infraestructuras de investigación
Entity where activity was carried out: Comisión Europea **Type of entity:** REA
Start-End date: 01/06/2021 - 25/06/2021

2 **Name of the activity:** EIT Health Wild Card Programme 2019
Performed tasks: Evaluator of EIT Health Wild Card Proposals
Entity where activity was carried out: EIT Health
Start-End date: 11/02/2019 - 12/03/2019

3 **Name of the activity:** First Cross4Health Ideas Contest
Performed tasks: Evaluator of the First Cross4Health Ideas Contest Event
Entity where activity was carried out: Cross4Health **Type of entity:** Associations and Groups
City of entity: Toulusse, France
Start-End date: 15/02/2018 - 16/02/2018

4 **Name of the activity:** Review of Research Infrastructure Proposals for Horizon Europe
Performed tasks: Expert Evaluator of Horizon Europe Proposals for HaDEA
Entity where activity was carried out: European Comission
City of entity: Bruselas, Belgium
Start date: 05/06/2023

5 **Performed tasks:** Evaluator of R&D&I Grant Calls and Tenders
Entity where activity was carried out: European Health and Digital Executive Agency - HaDEA **Type of entity:** State agency
City of entity: Bruselas, Belgium
Start date: 05/2022

6 **Name of the activity:** IMI2
Performed tasks: Reviewer of Ongoing Projects
Entity where activity was carried out: European Commission
Start date: 01/07/2020

7 **Name of the activity:** H2020 Framework Program
Performed tasks: Reviewer of Ongoing Projects
Entity where activity was carried out: European Commission
Start date: 15/06/2020

8 **Name of the activity:** H2020 Framework Program
Performed tasks: Proposal Evaluator
Entity where activity was carried out: European Commission **Type of entity:** State agency
Start date: 01/06/2020

9 **Name of the activity:** EIT Health BP 2019
Performed tasks: Innovation Proposal Evaluator
Entity where activity was carried out: EIT Health
Start date: 01/03/2019

10 **Name of the activity:** Convocatoria de inveatigación e innovación en Salud
Performed tasks: Evaluador de Propuestas de Investigación e Innovación
Entity where activity was carried out: Consejería de Salud de la Junta de Andalucía **Type of entity:** Agencia Financiadora Publica
City of entity: Sevilla, Andalusia, Spain
Start date: 01/08/2017

11 **Name of the activity:** ANEP
Performed tasks: Research Proposal Evaluator
Entity where activity was carried out: Instituto de Salud Carlos III **Type of entity:** Public Research Body
City of entity: Spain
Start date: 05/06/2014

Other achievements

Stays in public or private R&D centres

1 **Entity:** Oxford University
City of entity: Oxford, United Kingdom
Start-End date: 14/12/2015 - 17/12/2015 **Duration:** 6 days
Goals of the stay: Guest
Provable tasks: Law, ethics and new technologies

2 **Entity:** UTAH University
City of entity: Salt Lake City, United States of America
Start-End date: 14/11/2011 - 17/11/2011 **Duration:** 14 days
Goals of the stay: Guest
Provable tasks: Medical Informatics

Scientific societies and professional associations

1 **Name of the society:** Director Técnico en HL7 SPAIN
Affiliation entity: HL7 Spain
Start-End date: 01/06/2010 - 01/07/2016

2 **Name of the society:** Representative in the EOSC Association
Affiliation entity: European Federation for Medical Informatics **Type of entity:** Associations and Groups
Start date: 17/12/2020

3 **Name of the society:** Treasurer and Board Member of EFMI
Affiliation entity: EFMI
City affiliation entity: Ginebra, Switzerland
Start date: 01/06/2020

4 **Name of the society:** Member of the American Medical Informatics Association (AMIA)
Affiliation entity: AMIA
City affiliation entity: Bethesda Maryland, United States of America
Start date: 01/01/2020

5 **Name of the society:** Member of RDA Working Groups
Affiliation entity: Research Data Alliance RDA
Start date: 01/06/2019

6 **Name of the society:** Vice-chair del EFMI Translational Health Informatics WG
Affiliation entity: EFMI
Start date: 01/04/2019

7 **Name of the society:** Chair del IMIA “Health Information Systems” Working Group.
Affiliation entity: Instituto Madrileño de Investigación Agraria y Alimentaria
Start date: 21/08/2017

8 **Name of the society:** Spanish Representative in International Medical Informatics Association
Affiliation entity: Instituto Madrileño de Investigación Agraria y Alimentaria
Start date: 30/05/2014

9 **Name of the society:** Spanish Representative in European Federation for Medical Informatics
Affiliation entity: EFMI
Start date: 01/01/2013

10 **Name of the society:** Miembro de la Directiva de APISA (Asociación de Profesionales Informáticos Sanitarios de Andalucía)
Affiliation entity: APISA
Start date: 2013

11 **Name of the society:** Miembro de la Directiva de la Sociedad Española de Informática de la Salud
Affiliation entity: SEIS
Start date: 2013

Editorial councils

Name of the editorial council: Editorial Board de JMIR Medical Informatics
Affiliation entity: JMIR
City affiliation entity: Canada

Co-operation networks

Name of the network: Co-Coordinador of the Renewed A1 Action on Treatment Adherence of the EIP-AHA (European Innovation Partnership on Active and Healthy Ageing) de la Comisión Europea DG INFSO.
Start date: 02/11/2016 **Duration:** 6 years

Prizes, mentions and distinctions

Description: National Award for Health Informatics to the Health Informatics Research Group
Awarding entity: Sociedad Española de Informática de la Salud **Type of entity:** Associations and Groups
City awarding entity: Madrid, Spain
Conferral date: 2006