



Fraunhofer Institute for Integrated
Circuits IIS

HEALTH INSURANCE
MEDICAL TREATMENT
FINANCIAL BENEFITS
DISEASE COVERAGE
ACCIDENT
PROTECTION
RISK ADVISORY
FIRST AID
MONEY MANAGEMENT
EXAMINATIONS

HEART RATE



Combine clinical study contents with
home monitoring safely and easily with
DPM.research

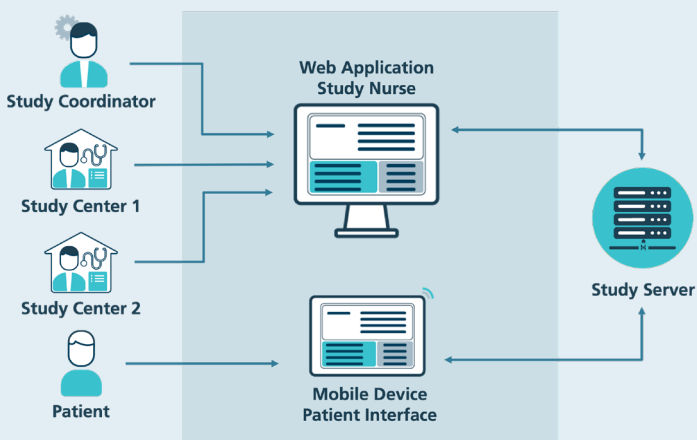
Management System for Clinical Trials

www.iis.fraunhofer.de/clinical-trial-management

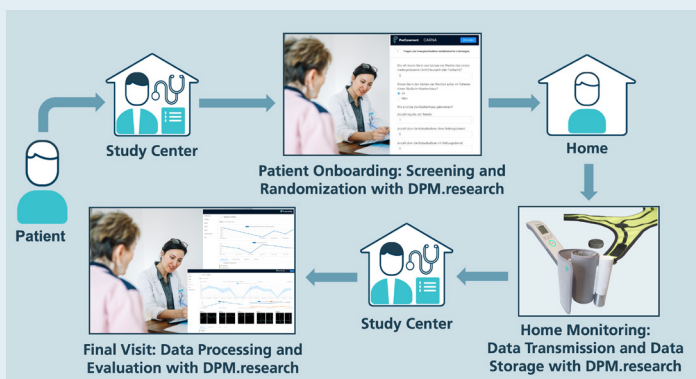
Participation in clinical studies has never been as easy or as safe as with »DPM.research« eCRF system: Data can be collected directly from the patient with the help of an app, GDPR-compliant and in medical quality, along with the connection of various wearables depending on the use case.

Advantages of the eCRF-system »DPM.research« in brief:

- Web application for faster and simple connectivity
- Individual configuration in respect of the requirements of the study setting
- Data exchange with external patient app and Integration of additional sensor from different manufacturers
- Role management and multitenancy support
- Modeling of study protocol
- Storage of recorded assessments, raw sensor data, questionnaires and calculated gait parameters
- Data platform based on HL7® FHIR® standard
- Visual and statistical data processing



Easy connection of participants across all phases of a study



Study process with DPM.research

»DPM.research« evolved from the Mobile Health Lab's Digital Patient Manager and is already being used in several clinical studies.

Project examples with »DPM.research« clinical study management system

■ Clinical trial with paraplegic patients

Individual therapy concepts in outpatient care of patients with mobility-restricting paralysis symptoms using »DPM.research« eCRF system.

■ Study with patients suffering from multiple sclerosis

Mobile gait monitoring of multiple sclerosis patients as a basis for valid prognosis and objective determination of the degree of disability with the eCRF system »DPM.research«.

■ DiGA-Study with heart failure patients

Evaluation of the medical benefits and positive care effects of app-based, guideline-compliant patient support in heart failure patients using the eCRF system »DPM.research«.



Do you plan to conduct a study and need further information?
Do not hesitate to contact us!



Fraunhofer Institute for Integrated Circuits IIS

Management of the institute
Prof. Albert Heuberger (executive)
Prof. Bernhard Grill
Prof. Alexander Martin

Am Wolfsmantel 33
91058 Erlangen, Germany
www.iis.fraunhofer.de

Contact

Christian Weigand
Mobile Health Lab

Phone +49 9131 776-4510
christian.weigand@iis.fraunhofer.de