Telefónica Tech

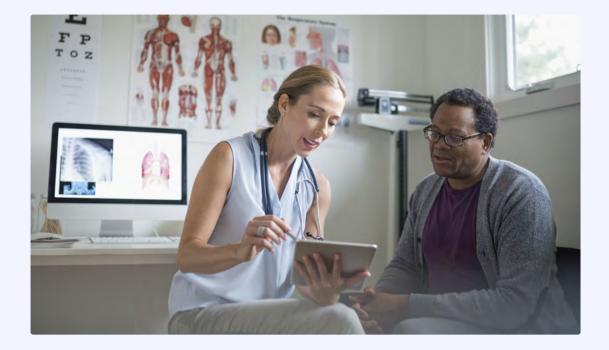AI OF THINGS

Technology for a *sustainable healthcare system*

Telefónica Tech contributes to making the **digitalisation of the healthcare sector** a reality by proposing technological solutions that help address the major challenges of **efficiency and improvement of patient care** that the sector faces.

Medical Process Digitalization

Healthcare process optimisation, through an intelligent and integrated management system that automates the flow of activity based on the **real-time location of patients and assets**, which has a direct impact on **hospital performance and patient satisfaction**.

WHAT BENEFITS DOES IT PROVIDE?

- **+10%** surgical performance.
- **-20** minutes duration of operations.
- **-50%** longer operations.
- More time for clinical tasks.
- Reduction of waiting lists.
- Better synchronisation among departments.
- Communication to relatives.
- Fewer interruptions.
- Increased patient satisfaction.

Hospital Emergency Analytics

Management and desicion making support that provides a comprehensive view of ED operations, incorporating different key indicators (activity, occupancy, pathologies, procedures, etc.), enabling **more efficient planning** and progress in the **prediction of these indicators**.

WHAT BENEFITS DOES IT PROVIDE?

- Improved demand management.
- Optimisation of medical care time.
- Help in resource sizing and preparation.
- Availability of relevant patient information.
- Decision support.
- Dynamic and predictive resource planning.
- Reduction of waiting times.
- Improved patient satisfaction.
- Identification of areas for improvement in patient care.

Biomedical Data Management and Analytics

Biomedical information and clinical data management system supported by a scalable infrastructure, enabling a **common space for genomics-based research and clinical application**.

WHAT BENEFITS DOES IT PROVIDE?

- Improving population health.
- Reduced cost of diagnostic tests and resources.
- Help in resource sizing and preparation.
- Strengthening decision making.
- Personalisation of patient care.
- Automating workflows.
- Advancing disease and treatment research.
- Fostering collaboration in research and clinical practice.

Cognitive Screening with AI

Speech analytics platform based on **AI models** for automated **early detection of mental illnesses**, such as cognitive impairment, in an automated way.

WHAT BENEFITS DOES IT PROVIDE?

- Reduce diagnosis time by **50%**.
- Reduce the cost per patient diagnosed by **€15**.
- Increase the number of remote disease detection and monitoring services by **20%**.
- Increase diagnostic accuracy by **10%**.
- Increase early detection by **20%**.

Why Telefónica Tech | AI of Things?

Incorporating the potential of technology in healthcare will increase value throughout the entire value chain, ensuring productivity, efficiency and improving your decision-making processes.

Telefónica Tech

Discover how our technology for a *sustainable healthcare system* can help you!