Philips Research
Potential ICT-19 Proposal Participant

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Vision: Monitoring, Diagnosing and Treating Patients Anyplace, Anywhere, Anytime

• Timely involvement of best Medical Experts
  • Fast remote Diagnostics & Treatment for Medical Emergencies: Hospital – Ambulance

• 24/7 access from anywhere to Artificial Medical Intelligence in the Cloud
  • Continuous Monitoring and Analyzing of Patient’s Health: Hospital – Home - Mobile
  • Low-Cost Reliable Diagnostics for Follow-Up exams: GP Office – Mobile Care Facility

• Optimal Connected Care: cost effective – best outcome – least effort
  • Care Providers, Care Facilities and Patients: Always connected also on the Move
  • Up-to-date patient status and decision support: Dashboards – Command Centers
5G Connected Healthcare – Philips Healthcare Application Areas

5G – Within Care Facilities
On-premise 5G network

5G – Between Care Facilities
Optimal Care Coordination

5G – Home & Mobile
Direct-to-cloud wearables & implants

5G – Emergency Care
Real-time intervention & Logistics
Multitude of Use Cases in each Domain

5G – Within Care Facilities

5G – Home & Mobile

5G – Between Care Facilities

5G – Emergency Care

Premise 5G Network

Cloud Medical AI

Core Network

Care Coordination Center

Patient

Hospital