# TEKenable

# Medical AI

Cutting-edge technology meets healthcare innovation. Our mission is to harness the power of Medical AI to revolutionise the healthcare industry, improve patient outcomes, and drive operational efficiency.

With our ISO 13485 (Software As a Medical Device) certification and expertise in implementing advanced AI solutions, we empower healthcare providers and organisations to unlock the full potential of Medical AI in a regulatory compliant way.

## The Power of Medical AI

In today's data-driven world, medical professionals are faced with an overwhelming amount of patient data, diagnostic images, and clinical research. Medical AI is a game-changer, leveraging artificial intelligence and machine learning to analyse vast amounts of healthcare data and extract valuable insights. By augmenting human capabilities, Medical AI enables more accurate diagnoses, personalised treatments, and proactive healthcare management.

## Our Solutions

At TEKenable, we specialise in developing and implementing customised Medical AI solutions tailored to the unique needs of healthcare organisations. Our team of experts collaborates closely with healthcare professionals to understand their challenges, opportunities, and goals, ensuring that our solutions align perfectly with their vision.

### PATIENT PATHWAY OPTIMISATION

Medical AI has the power to enhance treatment outcomes through comparison of the patient's presenting symptoms and response to treatment compared to other patient cohorts allowing a recommendation to change pathway to drive a faster or better outcome for the patient. We are currently engaged in a project to optimise pelvic health using this technique.

### PREDICTIVE ANALYTICS

By leveraging historical patient data, community based monitoring using IoT and machine learning algorithms, our Medical AI solutions can predict and identify adverse events helping to prevent readmissions and patient deterioration. This enables healthcare providers to take proactive measures and provide timely interventions, ultimately improving patient outcomes and reducing healthcare costs.

### PERSONALISED MEDICINE

Every patient is unique, and Medical AI enables the delivery of personalised treatment plans. By analysing vast amounts of patient data, including electronic health records, and medical literature, our AI solutions can recommend tailored treatment options, predict treatment responses, and help healthcare professionals optimise care plans for individual patients.

### ADMINISTRATIVE AND OPERATIONAL EFFICIENCY

In addition to clinical applications, Medical AI can streamline administrative and operational tasks, enabling healthcare organisations to operate more efficiently. Our solutions can automate patient triaging, optimise scheduling, improve resource allocation, and enhance revenue cycle management, freeing up valuable time for healthcare professionals to focus on patient care.

# Why TEKenable?

**ISO 13485 certification:**
A mandatory requirement for software development of any application that processes medical data without which the application cannot be legally used.

**Healthcare Expertise:**
We possess in-depth knowledge of the healthcare industry, understanding its complexities, regulatory requirements, and unique challenges. This expertise allows us to develop AI solutions that seamlessly integrate into healthcare workflows and deliver tangible benefits.

**Customised Solutions:**
We believe that every healthcare organisation is unique, and we tailor our Medical AI solutions to meet your specific needs. By collaborating closely with your team, we ensure that our solutions align perfectly with your goals and objectives.

**Data Security and Compliance:**
We prioritise the privacy and security of patient data. Our solutions adhere to industry best practices and comply with relevant healthcare regulations, ensuring that patient information is handled securely and confidentially.

**Seamless Integration:**
We understand the importance of integrating new technologies with existing systems. Our team has the expertise to seamlessly integrate our Medical AI solutions with your current infrastructure, minimising disruptions and maximising adoption.

# Transforming Healthcare with Medical AI

Partner with TEKenable to unlock the potential of Medical AI and transform the way you deliver healthcare. Experience improved diagnostics, personalised medicine, and operational efficiency, ultimately leading to better patient outcomes and enhanced healthcare experiences.

**Let TEKenable be your trusted partner in leveraging the power of AI to drive innovation and excellence in the healthcare industry.**

## TEKenable

Experts in AI & Data utilising cloud solutions to drive business transformation.

www.tekenable.com