WILL AI REPLACE ME?

Occupational Physician

Healthcare

Connected health technology, powered by AI, is transforming the role of occupational physicians by enabling the early detection of health issues and potential risks among employees. AI-driven continuous monitoring of employee health data can help physicians provide personalized guidance and workplace safety recommendations.

However, the human expertise of occupational physicians is still essential for interpreting complex data in the context of individual nuances and providing empathetic support to employees.

The collaboration between AI and human expertise promises a more holistic approach to occupational health, enhancing workforce well-being and safety

Automation degree: 6,67%   Limited impact of AI on the Job

6,67%

Main tasks

This section reviews the 3 main tasks associated with the job studied and assesses the potential level of automation induced by AI (**« AI Automation Impact »**).The modeling uses 8 criteria detailed on the **« Methodology »** page.

Tasks	AI Automation Impact
Conduct regular medical visits for employees and determine their fitness for work.	Low
Advise the employer on working conditions, the prevention of occupational risks, and the improvement of quality of life at work.	Significant
Participate in awareness and prevention actions related to workplace health.	Low

Impact on skills

At-risk Skills ⬇

Planning health check-ups	The planning of health check-ups could become largely automated with the advent of intelligent platforms, optimizing time and resources. Human skill in manually planning health check-ups may become less crucial as doctors may delegate this task to automated systems.
Updating the patient's medical records	With AI and voice recognition, it is possible to automate the updating of medical records. Advanced AI systems could automatically transcribe medical consultations into structured text and update medical records in real-time.

Future-proof Skills ⬆

Understanding the individual's environment, conducting health examinations	This skill embodies a complex interplay of human intuition, medical knowledge, and interpersonal skills. While AI can enhance data collection and preliminary analysis, the nuanced understanding and holistic approach required to assess an individual's health and fitness at work demand empathy, intuition, and experience that AI lacks. Direct human contact and interaction with the patient are crucial for establishing an accurate and personalized fitness assessment.
Advising the employer on occupational risk prevention and QWL improvements	This skill requires a deep understanding of human and organizational dynamics, as well as health and safety regulations at work. A occupational physician must be able to translate medical data and risk assessments into practical and actionable recommendations to improve quality of work life. While AI can assist in identifying and quantifying risks, the ability to effectively communicate these risks, propose suitable solutions, and engage stakeholders in prevention and improvement initiatives requires human expertise and communication skills that AI cannot replicate. Occupational physicians also act as a crucial intermediary between employees and management, a role that demands trust and communication that cannot be automated.

Visit our website