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(57) Abstract :

The invention discloses an AI-based medical diagnosis system that integrates multimodal health data for comprehensive disease detection. The system comprises clinical data module (101), imaging module (102), genomic data module (103), and wearable sensor module (104), all processed by an AI-based diagnostic engine (105). The integrated analysis provides diagnostic outputs (106) with high accuracy, offering personalized and early detection of diseases. The invention enhances medical decision-making, reduces diagnostic errors, and supports predictive healthcare by fusing heterogeneous data into a unified diagnostic platform.

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