

Artificial Intelligence: The Eye-Opening and Heart-Stopping Revolution in Medicine

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KEY WORDS: artificial intelligence in medicine, artificial intelligence in ophthalmology, artificial intelligence in cardiology, medical ethics and artificial intelligence, artificial intelligence in healthcare innovation

IMAJ 2023; 25: 89–89

In the grand theater of modern medicine, artificial intelligence (AI) has swiped the lead role, with a performance so riveting it deserves an Oscar, or at least a Nobel. From the intricate labyrinths of our arteries to the profound depths of our peepers, AI is the new *maestro*, conducting symphonies of data with the finesse of a seasoned virtuoso [1,2].

Let's start with the eyes, shall we? Ophthalmology has become the unexpected VIP lounge for AI's talents. It is like AI walked into the club of medical imaging and everyone's pupils dilated in awe. Deep learning models are now diagnosing retinal diseases with a flair that would make Sherlock Holmes retire his magnifying glass. And the best part? These AI systems do not blink, ensuring not a single pixel of pathology goes unnoticed.

But do not think AI's talents are just a sight for sore eyes. The heart, that tireless muscular *maestro*, has also been swept off its feet. Cardiology

has been flirting with AI, and the sparks are flying. Risk prediction models are the new matchmakers, pairing up potential heartbreak (quite literally) with early interventions. AI algorithms are now analyzing electrocardiograms and echocardiograms faster than you can say, "tachycardia," spotting abnormalities with the kind of precision that cardiologists' dreams are made of [3].

And for those concerned about the mix-up of gametes and zygotes in the realm of artificial insemination, fear not! AI is on the case, ensuring that the only mix-ups we see are in DJ sets, not in the pivotal beginnings of life. It is like a fertility bouncer, keeping unwelcome genetic combinations out of the club [4].

Yet, amid this fanfare, AI in medicine is not just a walk in the park (or a stroll through the hospital corridors). The ethical conundrums are as thick as a cardiology textbook, and data privacy concerns could give HIPAA a heart attack. AI's interpretability remains as enigmatic as a surgeon's handwriting, and the thought of a robot handling our health data is enough to make anyone's blood pressure rise.

CONCLUSIONS

As AI waltzes through the wards of medicine, it is clear that this is no

mere fling. It is a full-blown love affair, complete with all the drama and passion of a telenovela. So, let's raise our glasses (or our health monitors) to AI: the digital Casanova of healthcare, wooing every specialty it meets, and leaving a trail of improved outcomes in its wake. Here's to hoping it is a long-term relationship and not just a summer fling with our ventricles and vitreous humors.

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