

Ethics Grand Rounds

Artificial Intelligence and Patient Consent: Is Consent Really Possible?

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Can patients provide adequate informed consent when the decision or recommendation comes partially from an artificial intelligence (AI) or machine learning (ML) system? This is the question often presented as one of the most significant concerns with the implementation and widespread onboarding of AI and ML in healthcare. The question revolves around whether, and to what degree, patients can understand what contributes to the decision-making process when an algorithm is involved.

In this talk, I demonstrate that a clinician-in-the-loop partnership can alleviate this type of concern for many applications of AI and ML. I show why there must always be a human making the final decision when AI or ML is employed – these systems cannot be left to run on their own. Importantly, however, the clinician must be considered the “second-reader” to preserve their expertise and to avoid institutions placing too much trust in machines.

*Physician attendees will be eligible to receive one Section 1 **Continuing Professional Development (CPD)** credit as certified by the Royal College of Physicians and Surgeons of Canada. Other attendees may qualify for professional development credits through their respective colleges, at the discretion of those colleges. Links for providing feedback and registering for credit certificates will be available live in the session.*

Registration link: https://ca01web.zoom.us/webinar/register/WN_KkToym1rQUenO1r8fM562Q

All are welcome! Closed Captioning is available.

Please direct any inquiries to Jordan Wadden (jordan.wadden@unityhealth.to).