

How artificial intelligence decision aids inform shared decision-making from clinicians' and patients' perspectives? A systematic review.

Nehal Hassan¹, Robert Slight², Kweku Bimpong¹ Daniel Weiland², Akke Vellinga³, Graham Morgan⁴, Sarah Slight¹

1 School of Pharmacy, Newcastle University, 2 Newcastle Upon Tyne Hospitals NHS Foundation Trust, Freeman Hospital, 3 School of Medicine, National University of Ireland Galway, 4 School of Computing, Newcastle University



Introduction: Shared decision-making process requires patients to take part in their health decision with their clinicians. However, this process requires tools to inform patients about making clinical decisions. Artificial intelligence decision aids offer an individualized and tailored information for patients that can inform giving consent and increase patients' confidence about their decisions..



Objective: To evaluate clinicians and patients' perceptions about informing shared decision-making processes through artificial intelligence decision aids in different medical and surgical specialties.

