

THE LANCET

Digital Health

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.
We post it as supplied by the authors.

Supplement to: Macdonald T, Zhelev Z, Liu X, et al. Generating evidence to support the role of AI in diabetic eye screening: considerations from the UK National Screening Committee. *Lancet Digit Health* 2025; published online April 3. <https://doi.org/10.1016/j.landig.2024.12.004>.

MEDLINE Search Strategy

1. exp eye diseases/
2. retinopathy.ti,ab.
3. eye pathology.ti,ab.
4. maculopathy.ti,ab.
5. diabetic eye.ti,ab.
6. diabetic macular.ti,ab.
7. retinal fundus.ti,ab.
8. 1 or 2 or 3 or 4 or 5 or 6 or 7
9. exp Diagnostic Techniques, Ophthalmological/
10. exp Diagnosis, Computer-Assisted/
11. "Sensitivity and Specificity"/
12. diagnostic test*.ti,ab.
13. diagnostic accuracy.ti,ab.
14. diagnostic performance.ti,ab.
15. screening.ti,ab.
16. imaging.ti,ab.
17. (Sensitivity or specificity).ti,ab.
18. reference standard.ab.
19. optical coherence tomography.ti,ab.
20. or/9-19
21. exp Artificial Intelligence/
22. artificial intelligence.ti,ab.
23. deep learning.ti,ab.
24. neural network*.ti,ab.
25. automated retinal image analysis system.ti,ab.
26. automated grading.ti,ab.
27. automated level.ti,ab.
28. (automated adj (tool* or technique* or identification or detection)).ti,ab.
29. ARIAS.ti,ab.
30. iGradingM.ti,ab.
31. EyeArt.ti,ab.
32. IDx-DR.ti,ab.
33. DR-RACS.ti,ab.
34. RetinaLyze.ti,ab.
35. RetmarkerSR DR.ti,ab.
36. Singapore Eye Lesion Analyzer.ti,ab.
37. RetinaVue.ti,ab.
38. TRIAD network.ti,ab.
39. or/21-38
40. 8 and 20 and 39
41. limit 40 to dt=20200626-20231231 [June 26th, 2020 to December 31st, 2023]