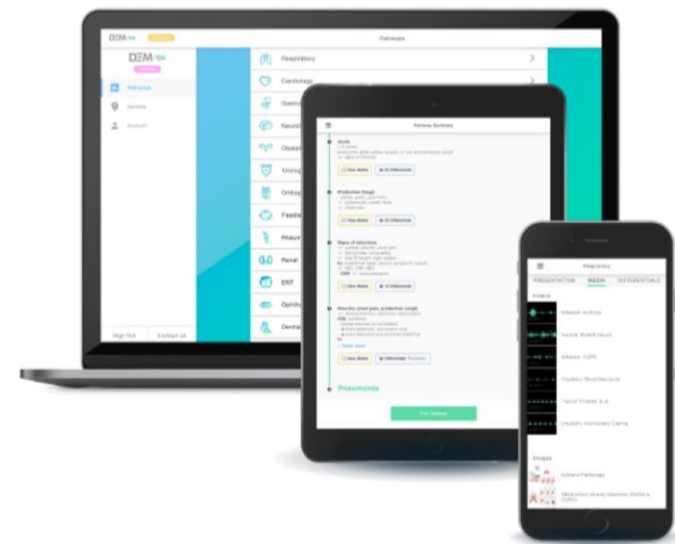


PROBLEM

The NHS is in crisis: GP practices are experiencing sharply declining GP numbers and rising demand (6.1m waiting lists; 30.1m appointments in March 2022). They are struggling to recruit and retain staff (7,000 GP shortfall projected within 5 years). This impacts patient care.

The NHS Long Term Plan aims to meet these challenges by expanding the role of allied healthcare professionals (AHPs), giving more front-line clinical assessment and triage responsibilities to nurse associates, physician associates, clinical and pharmacists.

This workforce redesign brings new challenges. AHPs are reporting feeling out-of-their-depth and often requiring senior guidance. This is resulting in inefficient, disrupted workflows, inconsistent patient delivery, delays in care and frustrations with delays in being attended to.



“The DigitalHealth.London Accelerator has provided DemDx with comprehensive support as the business has moved through pilot-based evidence generation through into the first stages of commercialisation. We have benefitted from the practical advice-based sessions in a number of areas particularly evidence generation, fundraising and proposition development. The networking / commercialisation opportunities created by the Accelerator have probably been the most beneficial aspect of the programme.”



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SUCSESSES AND IMPACT

- An initial pilot in ophthalmology (at Moorfields) has shown impressive results including saving 15% of senior clinician time and reducing A&E waits by 10%. This pilot has now been converted into a long-term contract. A pilot in urology (at GSTT) has also been converted into a long-term contract.
- DemDx have completed development of a primary care tool to support the multidisciplinary team (MDT) workforce. This is now being rolled out as a pilot in Bromley-By-Bow and North West Surrey Integrated Care Services GP federation.
- DemDx's next generation product for ophthalmology triage using machine learning algorithms, has been developed in collaboration with Moorfields funded by the NIHR AI awards. The algorithms were developed with 19,000 cases seen at City Road A&E and showed the potential to safely redirect 12% of patients away from A&E.

66%
increase in guideline
adherence

300%
increase in nurse
diagnosis

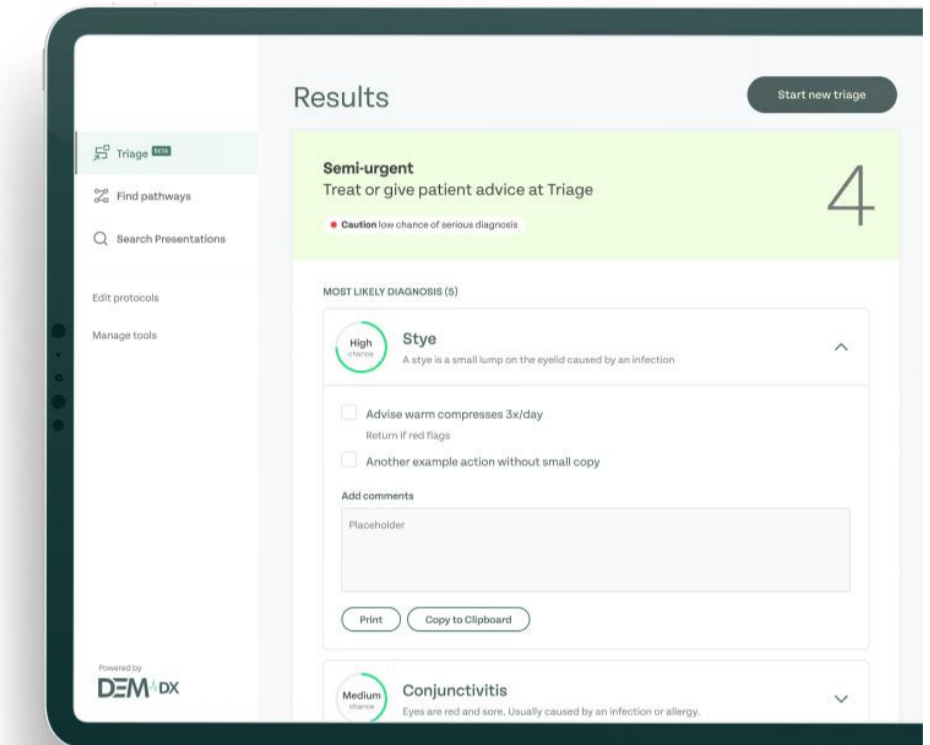
13%
saving of senior
clinician time

Find out more:



SOLUTION

DemDx is a clinical reasoning platform that uses AI to guide the clinician through a structured, step by step clinical assessment. From presenting symptoms, to examination, through to most appropriate diagnosis. DemDx supports frontline clinicians by enabling them to take on more clinical responsibility with confidence, alleviating the burden of supervision.



“Our nurses are now able to triage and with the platform's support, our ability to initiate investigations has greatly improved patient care and experience.”

- Lauren Blackshaw, Lead Nurse, Paediatric A&E, Moorfields

WHAT'S NEXT?

DemDx are focused on building towards £1m Annual Recurring Revenue (ARR). With the primary-care version of the platform ready, they are perfectly positioned to support ARRS (Additional Roles Reimbursement Scheme) roles in general practice (with a great project starting at Bromley-By-Bow), rapid response teams in community services and urgent care.