

The treatment of urinary tract infection through digital health in partnership with NHS

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Abstract

i-GP offers a virtual care solution to the 60 million minor illnesses which are treated by the NHS every year. Utilizing branching logic based on NICE guidelines architected within image enhanced proprietary software; the i-GP platform is first in world in its design. Processing analytics enable real-time monitoring of patient data and associated risk detection, while providing guidance in relation to clinical decision-making by creating internal scoring networks. Our Platform reduces the number of diagnostic possibilities elaborated in response to a given clinical scenario. This medical technology allows i-GP to collect, analyze and interpret patient data to provide an evidence base to systemize the diagnostic process. We describe the i-GP Platform, from conception to innovation in the digital care space. We outline the results from treating 1,000 female patients with urinary tract infection. We describe the symptoms, the treatment administered, the outcomes and compare our results with both the literature and common NHS findings. Our aim is to showcase improved patient selection, more precision prescribing and better national outcomes. This reduces the cost burden of service provision and provides a patient-centred service which is outcomes based. By developing a scalable utility, we have the capacity to treat large numbers of patients with the highest level of online care. We achieve this by utilizing streamlined intramural templates, allowing doctors to treat patients in as little as two minutes. Our system augments diagnosis making and stimulates rigorous prescribing protocols so achieving superior outcomes for patients.

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Biography

S Noorpuri has graduated with MBChB from Manchester University in 2000 and was a runner up in the national undergraduate ENT Surgical Award. He spent several years training in the surgical specialties and was deemed an outstanding trainee gaining a top ten score in the MRCS One Examination. He opted to pursue a career in General Practice as he realized Primary Care offers the greatest opportunity for entrepreneurial change to the healthcare ecosystem. He went

on to complete his MRCP with commendation from the Kent, Surrey and Sussex Deanery in 2011 and won further national medical prizes through his clinical work before founding i-GP in 2015. Regarded by many as a visionary in the field of digital health, he was a Finalist as Medical Entrepreneur of the Year 2016 and Digital Entrepreneur of the Year 2017. He has recently been awarded CEO Today's Healthcare Award for UK.