

# DAY 1

Keynote Forum



International Conference on

# Physicians, Surgeons and Case Reports

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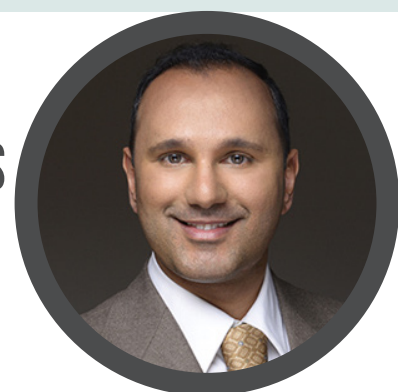
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## I-GP: THE TREATMENT OF URINARY TRACT INFECTION THROUGH DIGITAL HEALTH IN PARTNERSHIP WITH NHS

### Sukhbinder Noorpuri

i-GP, UK

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.



### 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 MRCGP 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.

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## AN INNOVATIVE METHODOLOGY FOR IMPROVING CONTINUOUS TQM, PATIENT SAFETY, IPC AND ENVIRONMENTAL SAFETY EDUCATION AND TRAINING IN ASTER-SANAD HOSPITAL, RIYADH, KSA

**Salah Ibrahim Awad**

Sanad Hospital, Saudi Arabia



**T**his quality improvement plan (QIP) highlights the importance, commitment of continuous education and training in hospitals and raised the knowledge and the scientific level of staff with different categories in the basics and principles of TQM, patient safety, IPC and environmental safety to create one team for one goal that speaks the same language and thinks the same. Additionally, the inevitability of involving staff in finding the solution and listening to their opinions is to satisfy them. Selecting the best team to study, proposing appropriate solution and implementing it through a clear action plan is vital. Internal auditing revealed a false sensation of security and appearance of informal groups. The spirit of quality and patient safety with implementation of policies and procedures become far away from daily workload of hospital categories. Among six months with sharing of 789 out of 814 hospital staff and a team of 15 members chosen by GRPI model, the SMART goal was specifically innovating simple move to improve continuous education and training of quality and patient safety among hospital staff using a new method instead of lectures proved to be not suitable time workload and work shifts as well as to create one team for one goal, the hospital overcome all obstacles and achieved success. The team used Focus-PDCA, practiced team, data collection and analysis quality tools, for decision making, through action plan formed of four phases, putting in mind results of preliminary and final staff questionnaires and exams. Neutralization of informal groups, elimination lack of commitment and resolving the false sensation of security to prepare the hospital for reaccreditation occurred in conjunction with improving staff skill development and morale. Usage of the new method in departmental education is recommended. It can help patient education and new employee orientation. Enhancing the internal marketing and celebrating the annual WHO awareness days get benefits from it.

### Biography

Salah Ibrahim Awad has completed his Bachelor of Medical Sciences and Surgery as well as Diploma of Gynaecology and Obstetrics from Quasr EL Aini Hospital, Faculty of Medicine, Cairo University. He holds scientific degrees in Health services and Hospital Management, General Management Sciences, and Total Quality Management from Sadat Academy for Management Sciences, Cairo, Egypt. He acquired Diploma in Total Quality Management in Health services and Diploma of Infection Prevention Control from American university, Cairo, Egypt as well as Diploma of Health Administration and Medical Care from High Institute of Public Health, Alexandria University, Egypt. He has completed Masters in Public Health Policy and Management, Emory University, Georgia, Atlanta, USA in May' 2001. He managed several Governmental hospitals in Egypt and Saudi Arabia and worked as a Consultant of TQM, Patient Safety, IPC and Health organizational environmental safety in many private hospitals. He is now working as Quality and Patient Safety Manager in Aster-sanad hospital, Riyadh, KSA.

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