

Big Data in Healthcare Conference: Harnessing NHS data and improving system efficiency

Thursday 18th October 2018

08:30 - 09:30	Registration, refreshments, exhibition and networking
09:30 - 09:40	Opening remarks from chair
09:40 – 10:00	<p>The future of healthcare data innovations <i>Keynote - Professor Daniel Ray, Director of Data, NHS Digital (confirmed)</i></p> <ul style="list-style-type: none"> • Better data, better access. • How are changes affecting organisations nationwide? • How healthcare professionals should adapt to the changing big data environment. • Creating the right culture for large scale digital change. • Emerging technologies in the healthcare.
10:00 – 10:20	<p>The architecture involved to harness NHS data <i>Edward Hiley, Principal Engineer, NHS Digital (confirmed)</i></p> <ul style="list-style-type: none"> • The importance of trust. • Who has access to and control of data? • How NHS Digital built a highly secure and resilient system for processing patient data. • The architecture to prevent cyber-attacks such as Wannacry.
10:20 – 10:40	Case study slot
10:40 – 11:00	Questions and discussion
11:00 – 11:30	Refreshments, exhibition and networking
11:30 – 11:55	<p>The latest research in population health management <i>Russ Charlesworth, Director of Healthcare and Social Care, Socitm Advisory (confirmed)</i></p> <ul style="list-style-type: none"> • How new location data sources and big data analysis are key to digital transformation in healthcare. • Questions and discussion.
11:55 – 12:20	<p>Artificial intelligence</p> <ul style="list-style-type: none"> • Implementing new technologies, driving business outcomes and improving processes. • Augmented Clinical Intelligence. • Questions and discussion.

12:20 – 12:30	Movement to seminars		
12:30 – 13:00	Seminar stream 1		
	SEMINAR A	SEMINAR B	SEMINAR C
13:00 – 14:00	Lunch, exhibition and networking		
14:00 – 14:05	Please make your way to your chosen room – 10 minute turnaround		
14:05 – 14:35	Seminar stream 2 – Case study slot		
14:35 – 14:40	Please make your way back to the main conference room – 10 minute turnaround		
14:40 – 15:05	<p>Greater Manchester’s journey to become a Local Health and Care Record Exemplar (LHCRE) <i>Stephen Dobson, Chief Digital Officer, GM IM&T Program, Greater Manchester Health and Social Care Partnership (confirmed)</i></p> <ul style="list-style-type: none"> • Greater Manchester’s plan to reduce unnecessary patient tests. • Providing staff with improved access to appropriate patient data in order to offer the right care as quickly as possible. • How is data shared, what are the outcomes and the architecture behind implementing the initiative. • How to deal with vendors. • Questions and discussion. 		
15:05 – 15:25	Case study slot		
15:25 – 15:55	Refreshments, exhibition & networking		
15:55 – 16:20	<p>Implementing data analytics <i>Mark Singleton, Acting Associate Director of IM&T, Wrightington, Wigan and Leigh NHS Foundation Trust (confirmed)</i></p> <ul style="list-style-type: none"> • The implementation of visual analytics to save millions in efficiency savings. • How are patients benefiting from visual analytics? • Building a data driven culture for digital change. • Questions and discussion. 		
16:20 – 16:45	<p>An update on the Global Digital Exemplar programme</p> <ul style="list-style-type: none"> • An update on the Global Digital Exemplar (GDE) programme. • Spreading best practice and innovation. • The importance of digital skills. • Clinical Security as a priority for Global Digital Exemplars. • A case study of joining up and digitalising health systems to provide clinicians with more timely access to accurate information, support service change to help improve health for all. • Questions and discussion. 		
16:45 – 16:50	Closing remarks from chair		
	Close of conference		