

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 – 10:10	<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.
10:10 – 10:40	<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.
10:40 – 11:00	<p>Case study slot <i>To be delivered by Graphnet Health</i></p>
11:00 – 11:20	Questions and discussion
11:20 – 11:50	Refreshments, exhibition and networking
11:50 – 12:20	<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.
12:20 – 12:50	<p>Big data solutions to improve patient flows <i>Dr John Paul Jeans, Anaesthetist, Imperial College Healthcare NHS Trust (confirmed)</i></p> <ul style="list-style-type: none"> • Implementing new technologies, driving business outcomes and improving processes. • Augmented Clinical Intelligence. • Questions and discussion.

12:50 – 13:00	Movement to seminars		
13:00 – 13:30	Seminar stream 1		
	SEMINAR A <i>Graphnet Health</i>	SEMINAR B <i>TBC</i>	SEMINAR C <i>TBC</i>
13:30 – 14:30	Lunch, exhibition and networking		
14:30 – 15:00	<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 data is shared, what are the outcomes and the architecture behind implementing the initiative. • How to deal with vendors. • Questions and discussion. 		
15:00 – 15:30	<p>The digital revolution <i>Daniel Hallen, Head of Digital Technology, NHS England (North) (confirmed)</i></p>		
15:30 – 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 – 16:50	<p>Shared patient records <i>David Riley, Deputy Head of Clinical Systems, IM&T, Alder Hey NHS Foundation Trust (confirmed)</i></p> <ul style="list-style-type: none"> • <i>Update on the Share2Care programme, the shared health and social care record programme.</i> • <i>How is this work going to be instrumental in supporting new models of care, disease prevention, the shift to out of hospital care and local drive towards system-wide sustainability?</i> • <i>Questions and discussion.</i> 		
16:45 – 16:50	Closing remarks from chair		
	Close of conference		