



## **NANTHEALTH LAUNCHES IN THE UK, UNVEILING INDUSTRY'S FIRST OPEN, INTELLIGENT CLINICAL OPERATING SYSTEM (COS)**

***Transforming NHS models of care to be: Personalised – Coordinated – Proactive***

**London, UK – June 4, 2014** - NantHealth, a transformational healthcare company converging science and technology through a single integrated clinical platform, will unveil the industry's first, open Clinical Operating System (cOS) for value-based, coordinated care at this year's NHS Confederation Annual Conference and Exhibition. cOS is an intelligent cloud-based platform integrating clinical, financial, operational and environmental data that's empowering clinicians, providers, patients, commissioners, social care workers and researchers to transcend the traditional barriers of today's healthcare system and allow health and social care integration to be truly realised.

"NantHealth's mission is to solve the chief problems plaguing our healthcare system, which is the lack of truly personalised, coordinated and pro-active care models that connect patients and their care providers" said Dr Patrick Soon-Shiong, MD, NantHealth's founder and the pioneer of pharmaceutical treatments for both diabetes and cancer. "Our most important industry, healthcare, is fragmented and lags all other industries in its ability to integrate services and rapidly introduce new practice. cOS is the first viable, proven platform for making complex information such as someone's genomic profile as simple as their heart rate and blood pressure. Our ability to design, automate and deliver new models and systems of care is critical for advancing 21<sup>st</sup> century medicine, and for the first time, is now possible."

An open, standards-based technology platform, cOS integrates data from existing legacy systems, such as electronic patient records (EPR), patient administration systems (PAS) from multiple platforms, imaging, GP systems, diagnostics, research, medical device data, patient level costing and service-line reporting, in real-time, to enable care that is personalised, coordinated and proactive. When cOS capabilities are combined with NantHealth's applications such as advanced molecular diagnostics and care coordination applications, informed decisions can be made in seconds, and patients matched to the right treatment protocols - ultimately saving lives and reducing cost of delivery. Health and care delivery becomes transformative for both care givers and the people they serve.

NantHealth cOS is the centrepiece of a \$1 billion investment by Dr. Soon-Shiong, who has brought together some of the most innovative companies and solutions in biotechnology and healthcare IT with the goal of providing the right care, at the right time, in the right place and at the lowest cost. He has pioneered treatments for both diabetes and cancer, published more than 100 scientific papers, and holds over 95 issued patents on ground-breaking advancements across myriad fields. Dr. Soon-Shiong performed the world's first encapsulated human islet transplant and the first pig to man islet cell transplant in diabetic patients and invented and developed Abraxane, the first US government approved injectable drug using human protein nanoparticle delivery technology in the treatment of breast, lung and pancreatic cancer. Dr. Soon-Shiong is the founder of two multi-billion dollar pharmaceutical companies.

NantHealth cOS will be on display along with NantHealth's full line of transformational healthcare solutions at NHS Confederation Annual Conference and Exhibition, 4-7 June, at the ACC Liverpool.

**About NantHealth**

NANTHEALTH UK is a transformational healthcare company converging science and technology through an integrated clinical platform that's empowering clinicians, providers, patients, commissioners, social care professionals and researchers to transcend the traditional barriers of today's health and care systems and allow integration to be truly realised. NANTHEALTH solutions are advancing diagnostics to better identify and target specific disease characteristics; transforming clinical delivery with clinical data and promoting wellness for a healthier, happier world. We are building an integrated, evidence-based, genomically-informed, personalised approach to the delivery of care and the development of next generation healthcare solutions.

NANTHEALTH UK, a subsidiary of NantWorks, LLC is a company founded and led by South African-born American surgeon, medical researcher, businessman, philanthropist and Professor Dr Patrick Soon-Shiong.

For more information: [www.nanthealth.co.uk](http://www.nanthealth.co.uk) and follow us on Twitter @NantHealthUK and Dr. Soon-Shiong @solvehealthcare

### **360-degree view of the patient**

Built for the era of value-based care, cOS enables health systems to be truly patient-centric by connecting and tracking information from disparate IT systems. The platform's suite of applications provide predictive analytics, care coordination workflows and specific portals of view for all members in the care continuum including doctors, nurses, GPs, administrators, community care providers, social care professionals, disease and wellness management coaches, patients and their carers.

### **Unique features of NantHealth's cOS include:**

*Proactive Real-Time Decision Support.* cOS is the first operating system of its kind in healthcare to be based on supply chain principles and grid service-oriented architecture integrating the medical knowledge base, delivery system and costing. The cOS architecture leverages the principles of big data, enterprise data warehouse, and real-time intelligent analytics to enable proactive decision support as opposed to retrospective business reviews.

*Continuous Learning Centre Across Populations:* cOS can facilitate a local health economy networks to implement a virtual care coordination model across disparate populations, without requiring them to change their clinical, operational and finance IT systems. cOS continually stratifies the population using predictive and empirical algorithms to identify high-risk patients, enrol them in personalised care plans, track outcomes and route real-time notifications to each care team member to indicate a goal violation or gap in care.

**Integration with Existing Systems:** cOS synchronises information from existing IT systems including EPR, lab and pathology systems, imaging systems (PACS, RIS), pharmacy, scheduling, GP systems, medical devices (BP gauges, glucometers, weight scales etc.).

### **Media Contact:**

Jen Hodson  
NantWorks  
jhodson@nantworks.com  
562-397-3639