Project PARTNER: enhancing the patient’s care journey

Collaboration Solutions, Enhanced EHRs, New Generation Data Integration & Harmonisation Systems, Patient Self-Management Systems and Patient Journey & Workflow Optimisation Tools. The suite will enter the Global Information Technology market (HealthIT), set to be worth USD 228.7 billion by 2020. Due to an increasing need to offer higher quality care at lower costs, the fastest growing segment of HealthIT is Healthcare Provider Solutions. With their potential to provide such solutions in real time, PARTNER products can drastically improve care while providing substantial revenue for commercially-focused partners.

ADDRESSING THE CHALLENGE
On a patient’s journey through the health system, a wide variety of data needs to be captured and, for those with chronic illnesses, must be continuously utilised to allow for appropriate care. However, as a patient may interact with staff in multiple disciplines, information is inherently fragmented and spread over non-interoperable databases. This means, for instance, that tests may be unnecessarily repeated or that a patient’s condition cannot be analysed quickly in an emergency. Compounding this is the fact that data is not collected in a structured way outside of health services, so a complete picture is never fully available. A unified approach to sampling and off-site monitoring is needed to improve the quality of care.

PROPOSED SOLUTIONS
For patients with chronic diseases, such as heart failure, it has been proven that self-management can lead to a significant reduction in mortality and morbidity. PARTNER (Patient-care Advancement with Responsive Technologies aNd Engagement togetheR) will therefore develop a product suite to unify data sources and allow for patient self-monitoring so that data collection becomes continuous and personalised, better reflecting a patient’s state of wellbeing outside of hospital. Additionally, PARTNER will seek to resolve the fragmentation issue by building platform-independent applications based on modular components that can quickly be integrated into an organisation’s framework. A metadata repository can be used to recognise what applications and data are available to the organisation and display results accordingly, making it easier for health professionals to share their data with one another across platforms and leading to faster decision making of the patient care team.

PROJECTED RESULTS AND IMPACT
The PARTNER product suite will comprise: Sensor Integration, Enhanced Diagnostic Imaging Viewers, Real-Time/Flexible Collaboration Solutions, Enhanced EHRs, New Generation Data Integration & Harmonisation Systems, Patient Self-Management Systems and Patient Journey & Workflow Optimisation Tools. The suite will enter the Global Information Technology market (HealthIT), set to be worth USD 228.7 billion by 2020. Due to an increasing need to offer higher quality care at lower costs, the fastest growing segment of HealthIT is Healthcare Provider Solutions. With their potential to provide such solutions in real time, PARTNER products can drastically improve care while providing substantial revenue for commercially-focused partners.
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