

## 21<sup>st</sup> Century Novella eMR system... finally a truly affordable and holistic Electronic Medical Records System for Hospitals in India

The Mumbai based 21st Century Health Group, promoted by IIT/MBAs and one of the leading providers of Management and Software Consulting Services to Hospitals in India, have launched their much awaited Electronic Patient Medical Records Systems under the name and style of 21<sup>st</sup> Century Novella eMR system.

21st Century Health's flagship product, 21st Century Novella Hospital Management System, is already very well established, having been first implemented at Dr. Balabhai Nanavati Hospital in the mid 90s. Since then, 21st Century Novella HMS has been successfully implemented at many medium to large general and specialty hospitals such as Holy Spirit Hospital, Nanavati Heart Institute, Holy Family Heart Institute, Karuna Hospital, St Elizabeth Hospital, Smt S R Mehta and Sir Kikabhai Cardiac Institute to name a few.

The Novella EMR system is unique in the fact that it is the first system of its kind in India which has a fully integrated document management system to tackle the vexatious problem of digitizing old paper-based clinical records which most Hospitals have accumulated over the years.

Besides archiving paper based records, the Novella eMR has a sturdy RDMS based system designed to capture the new clinical records at source during OPD consulting, at the Service Departments such as Pathology, Radiology, Cath Labs at the wards, OTs, ICUs and finally from the discharge summaries. In fact, if diligently implemented by the hospital staff and management, the Novella eMR can be used to speed up the preparation and generation of the Discharge Summary. The software has been designed to make it very easy to use by the medical and technical staff and does not require additional data entry staff.

The 21st Century Novella eMR is also the first of its kind to integrate imaging records. Radiology and Imaging clinical records form an important component of a patient's medical records. To make these records available electronically, normally requires extremely expensive proprietary hardware and software capable of supporting PACS i.e Picture archival and communications Systems.

By integrating the 21st Century Novella EMR with DICOM compatible mini-PACS designed and developed in India by 21st Century Health's technology partners Infometry Systems, 21st Century Health has been able to bring a much needed holistic approach to archiving and retrieving electronic medical records.

"It is very satisfying to know that the best practices supported by 21st Century Novella HMS has helped many hospitals to dramatically improve their administrative processes and make hospital visits less traumatic for patients and their relatives; but the potential of Novella eMR to dramatically transform the analysis and clinical treatment processes is even more exciting; imagine saving thousands of more lives at fraction of the cost .. that's what we need in a poor country like India." remarks Satish Kini, Principal Consultant and Director of 21<sup>st</sup> Century Health Group.

"From maintaining up-to-date electronic medical records in a hospital server to zipping them across the country (or even the world) through internet is the real goal of implementing eMR; the impact eMR can have in promoting Tele-medicine and Telediagnosics is mind boggling" adds Mr Ravi Mani , the software architect of 21st Century Novella HMS and technical director of 21<sup>st</sup> Century Health.