

Healthcare



CASE Study

Improved Efficiency Managing Assets and Handling Patient Health Records

“The deployment of CLIP™ at VIVUS has been critical in automating several manual administrative processes and has allowed us to deliver advanced care, efficiently and safely across the board”
Managing Director and Chief Cardiologist,
Dr S. S. Ramesh

VIVUS 
Heart Center

Background

Vivus Group is a leading name in the healthcare industry in India that has earned an enviable reputation in cardiac care. Committed to taking healthcare to the doorstep of people of all walks of life, Vivus has established peripheral centers in partnership with other reputed hospitals, cutting across geographical limitations.

Vivus was in need of an inventory management solution that was cost effective, and delivered increased safety and efficiency. In addition, Vivus needed a solution that was scalable across mobile and server platforms and across multiple locations, enabling dynamic access to electronic patient health records to improve cardiac care efficiency.

Challenges

Challenges during the course of delivering complex, life saving and time sensitive cardiac care services include:

1. Administering, handling and tracking of stents, pacemakers, medical devices, wheelchairs and gurneys is a time-consuming effort requiring manual intervention.
2. Monitoring patient movement within hospital premises for a range of procedures and tests requires real-time coordination among various healthcare personnel.
3. Maintaining and archiving patient records in paper format is expensive and occupies precious infrastructure space.

Solution

Vivus deployed the Aventyn, Inc. Clinical Information Processing Platform™ (CLIP) solution for managing medical equipment inventory, patients and electronic personal health records.

By deploying CLIP, Vivus has successfully automated the way in which medical equipment such as EKG, stents, gurneys, and wheelchairs are tracked and secured, significantly reducing manual intervention.

Results

Vivus increased automated inventory management efficiency with CLIP. Because of the web-based solution, Vivus instantly realized cost savings in handling of patient health records and more importantly, increased cardiac patient care safety and efficiency.

The asset management module in CLIP called AssetLive greatly simplified medical equipment management. Implementing electronic health records enabled improved patient administration and increased the reliability of the care delivery system. The web-based functionality of CLIP was easily installed and worked flawlessly.

Managing Director and Chief Cardiologist, Dr S. S. Ramesh "The secure electronic access to patient health records increases the mobility of our care givers, locates medical equipment wirelessly and reduces our overall infrastructure costs"

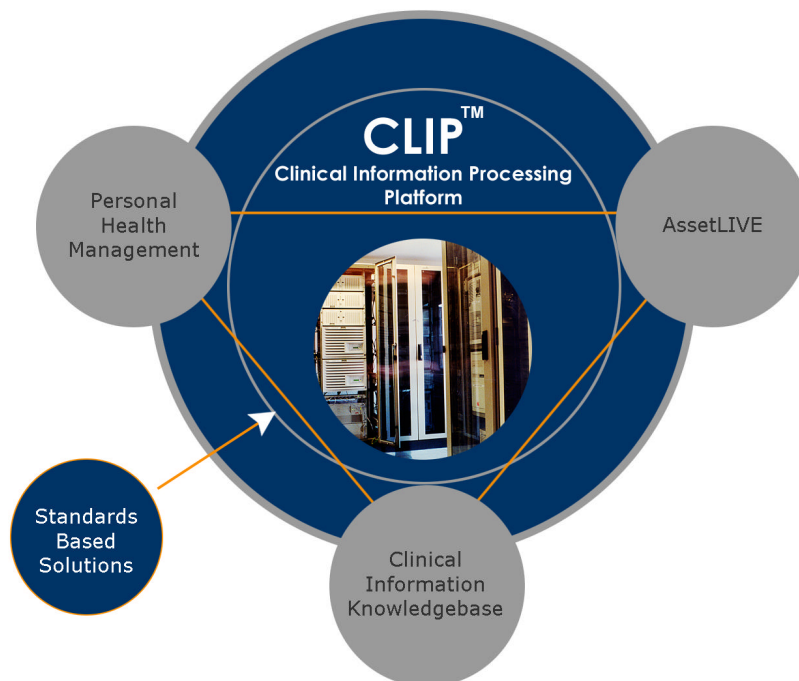
Company

Vivus Health Centre provides cardiac patient care services carefully designed for maximum benefit of patient safety and well-being. Apart from existing cardiac patient care packages, patients can also seek customized care from the hospital faculty in choosing the best test for themselves, according to their own doctor's advice and prescription. Vivus cardiac care services to name a few include:

- Coronary Angiogram, an X-Ray to check clogged arteries
- Coronary Angioplasty, a procedure that opens blocked arteries
- Mitral Valvuloplasty, to stretch the mitral valve to improve blood flow
- Pacemaker Implantation
- Open Heart and Cardiac By-Pass Surgeries
- Closed Heart Surgeries
- Percutaneous Transmyocardial Revascularisation
- Beating Heart Surgeries
- Non-invasive procedures such as ECG, Echo, TMT, Tilt Test and Carotid imaging

The same successful professional team that built the fast growing cardiac care hospital in Bangalore, the BMJ Heart Centre, backs Vivus. Vivus signifies "shine" in Sanskrit and "life" in Latin. Vivus spells the emergence of a new dimension in the field of health care by blending together the vast experience of its medical professionals, personalized care and new age technology. The group, steered by the best minds in healthcare and related areas, has always strived to take patient care beyond hospitalization and treatment. Please visit www.vivushealth.net for more information.

Clinical Information Processing Platform™



The Modules Comprising the Clinical Information Processing Platform

Visit the Aventyn website at <http://www.aventyn.com> and link to the RFID Journal to download the White Paper "RFID Solutions for Efficient, High-Quality Health Care"

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