
LUMEDX CVIS Deployed at Specialty Heart Centre



LUMEDX Corporation, a provider of vendor- neutral, integrated cardiovascular information and imaging systems (CVIS), announced today that the King Faisal Specialty Hospital and Research Centre has deployed a comprehensive LUMEDX CVIS in its Heart Centre. The new solution connects cardiovascular patient data to the hospital electronic health record (EHR), thus enabling complete, longitudinal patient records accessible by physicians at any point in the continuum of care.

"King Faisal Specialty Hospital is committed to automating and becoming as paperless as possible. Because enterprise systems do not give us all the data and workflow we require in cardiology, we sought a solution that could satisfy our needs and yet still meet the requirements of the hospital," said Majid Al Fayyadh, M.D., Pediatric Electrophysiology section head and project executive of the Heart Centre's informatics group, Heartnet. "Fortunately, through a series of multiple interfaces at multiple levels, and through much hard work by us, by LUMEDX and also by Al-Faisaliah Medical Systems, we have been able to achieve full integration. This means that from the moment the patient walks in, all patient information--the ADT data, the order, the procedural data including images, the finalized report and billing data--flows seamlessly from point to point."

Deployed in four stages, the King Faisal CVIS solution was designed to correspond to the Heart Centre sections' unique workflows. Components include:

Apollo clinical data repository Clinical interfaces, including:

MUSE (ECG, Stress and Holter, including interfaced-triggered reporting)

Philips Xcelera Images Integration Orders add-on to ADT Registration to Siemens CathCor

Patient reporting for Cath, Pediatric Cath, Surgery, and EP/Implantables

Interface to import Echo reports into Apollo

Web portal integration with Cerner, Philips Echo structured reporting and Apollo clinical module

Results reporting interfaceAuto-distribution of reports Data analytics Inventory and billing modules and integration (ongoing)

The Heart Centre at King Faisal Specialty Hospital is a state-of-the-art facility providing world-class cardiac care. Four clinical sections--Adult Cardiology, Pediatric Cardiology, Cardiac Surgery and Cardiac Surgical Critical Care--offer the full range of diagnostic, invasive and rehabilitative treatments to patients from throughout the Kingdom of Saudi Arabia. Heart Centre physicians, administration and staff believe that information technology is critical to clinical excellence.

"The King Faisal CVIS project has been inspiring," said LUMEDX Senior Vice President of Sales and Marketing Dean Cates. "From data migration, upgrades and workflow analysis to the installation of new applications, we have worked together with the hospital and our distributor, Al Faisaliah Medical Systems, to deploy a CVIS that is truly vendor-neutral, truly integrated—and truly helping the Heart Centre achieve clinical excellence."

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