

Increasing the Efficiency and Accuracy of Tracking Multiple Procedures in Cardiovascular Disease Fellowship Program



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Introduction

Utilizing the EPIC EMR system that interfaces with the imaging, ECG, and cath lab databases, reports of performed procedures are generated in a dashboard format on a monthly basis. These reports are then incorporated into a physician specific procedural log called a 'Procedural Tracking Report', an Excel worksheet that records the cardiovascular procedures performed by each fellow as required by the Accreditation Council for Graduate Medical Education during their three years of training.

Methods

XIM is the source for the cardiac cath lab and cardioversion information (A). Xcelera is the program and data source used for non-invasive imaging (B). Tracemaster is the source of the ECGs report (C). EPIC EMR is the parent database that contains the patient medical information. This is the data source for stress tests (D) (Figure 1). Utilizing Crystal Reports, the informational technology administrator designs the fields and reports structure. Utilizing the Business Objects program, the informational technology administrator implements the command to email the dashboards on a monthly basis to the program director, program administrator and fellows. The program administrator inputs the totals of procedures shown on the dashboard reports into an Excel worksheet designated for each fellow named the Fellow's Procedure Tracking Report (Figure 2).

Conclusion

The benefits are (1) patient information is attainable, measurable and documented within an EMR database, (2) information on the procedures is accurate and concise as well as searchable, (3) HIPPA patient confidentiality is maintained, and (4) considerable amount of time is saved by the fellows in recording and tracking their procedures.

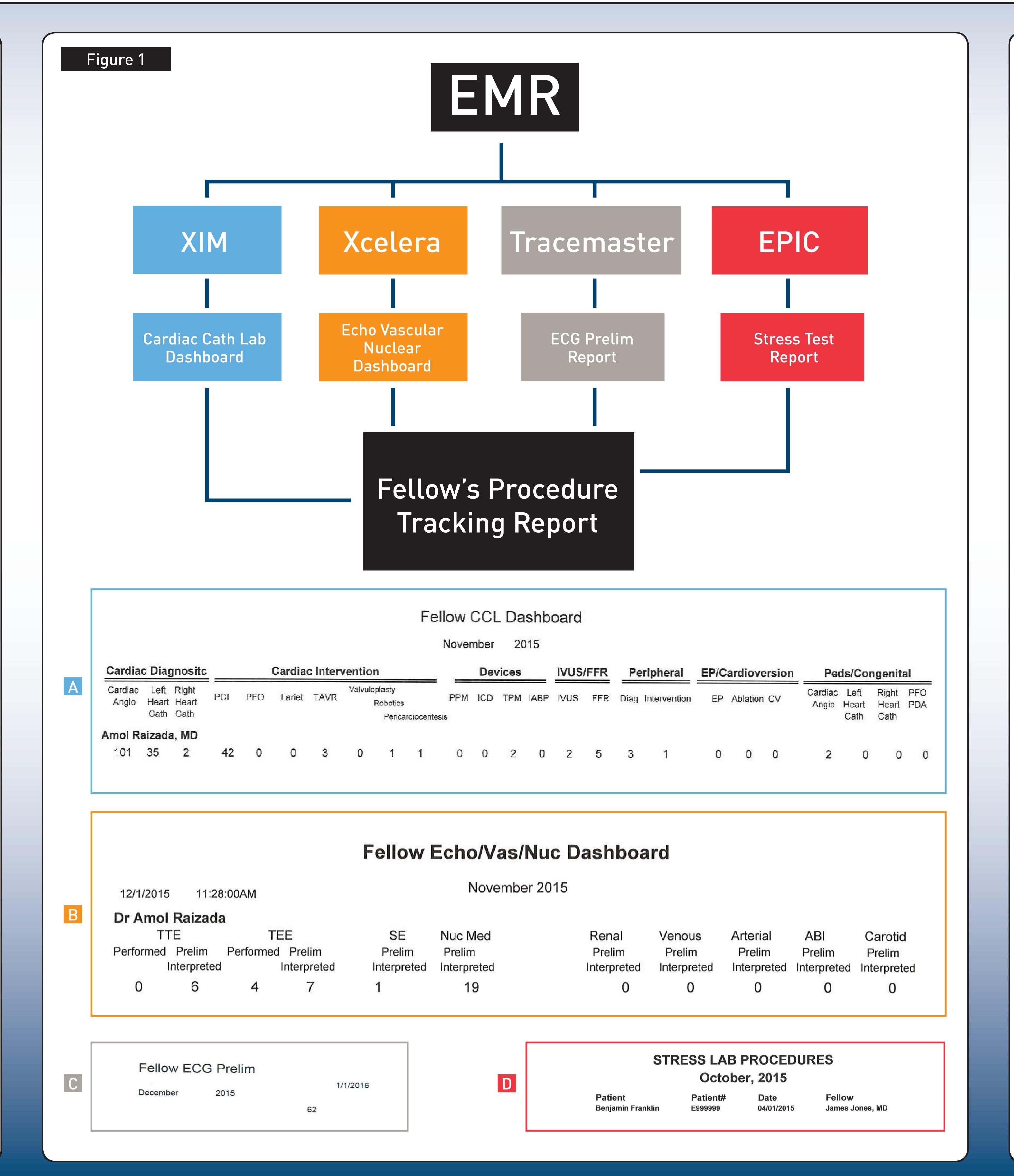


Figure 2 CARDIOVASCULAR DISEASE FELLOWSHIP PROGRAM - PROCEDURE TRACKING REPORT for Individual Fellow Stress Echo Prelim Interpreted **Nuclear Med Prelim Interpreted** Vascular -Renal Prelim Interpreted Vascular - Venous Prelim Interprete Vascular- Arterial Prelim Interpre /ascular - ABI Prelim Interprete tress Test Perform (NI) Holter Monitor (NI) Cardiac Event Recording (NI) coronary CT Angiogram (NI) Coronary CT Angiogram Performed (NI) Left Heart Cath Right Heart Cath PFO PDA

Disclosure Information

None of the authors have any conflicts of interest to report.