

ABSTRACT FORM

DEADLINE: DECEMBER 1, 2018

**Association of University Cardiologists**

January 23-25, 2019

Grand Beach Hotel, Surfside

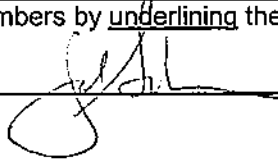
Surfside Beach, Miami, FL

Precision medicine offers the opportunity to better tailor treatment to risk as a means for improving outcomes. The enormous national investment in precision medicine has focused, almost exclusively, on better means for risk-stratifying patients, including the use of genetics, biomarkers and imaging. What has garnered much less attention is the implementation of precision medicine into routine clinical care. This is an essential issue if there is to be a return on the investments being made in the field.

While there have been few basic science discoveries in cardiology to warrant the routine implementation of precision medicine, clinical risk models provide an important opportunity to begin developing the infrastructure for the routine use of precision medicine in clinical practice. Moreover, the routine use of clinical risk models can support more consistent care that improves outcomes and elevates the value of cardiac care. As healthcare reimbursement evolves from volume-based to value-based reimbursement, there is a pressing urgency to better understand how to leverage precision medicine to improve healthcare value.

This presentation will review a novel strategy for implementing precision medicine into routine clinical practice and demonstrate its impact on patient outcomes, the variability in care and demonstrate the return on investment for hospitals that implement such strategies. It will review the barriers to implementation, suggest solutions and describe a future of better engaging patients in shared medical decision-making. Collectively, it will lay a vision for better achieving the Institute of Medicine's goals for improving the quality and patient-centeredness of care, while also building the infrastructure for much more rapid translation of basic science discoveries into routine clinical care.

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