

Highlights on Minimally Invasive Mitral Valve Surgery

Essay

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدقة الله العظيم

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Dedication

*I would like to extend my deepest thanks to people
who inspired me and supported me through out my
entire life,*

My Mother, Father,

Brothers,

Sister,

And My Wife,

To Every one of You, My Life is Dedicated.



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List of abbreviations

CABG	: Coronary artery bypass grafting
MVR	: Mitral valve replacement
MVA	: Mitral valve area
CPB	: Cardiopulmonary bypass
EABO	: Endo-aortic balloon occlusion
ICU	: Intensive care unit
ITU	: Intensive therapy units
MIMVS	: Minimally invasive mitral valve surgery
PMs	: papillary muscles
PA	: Port-access
PMs	: Papillary muscles
AML	: Anterior mitral leaflet
PML	: Posterior mitral leaflet
ST	: Sternotomy
TEE	: Trans-oesophageal echocardiography
XC	: Cross-clamp

ESTECH : ESTECH chest retractor and atrial retractor, ESTECH is a name of a privately held company which is backed by a number of leading life sciences venture capital firms in Europe. The company headquarter is in San Ramon, California, USA.

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