

# MIDDLE EAST HEART CONGRESS

March 18-20, 2019 Dubai, UAE



## *Maria Vicario*

*Niguarda Hospital, Italy*

### Unique aspects of evaluating a patient with an LVAD key

Aspects of evaluating a patient with an LVAD include assessing recent device parameters and alarms and for common and/or serious complications such as infection, heart failure, LVAD thrombosis, and gastrointestinal bleeding. The figure also displays the impact of continuous-flow LVAD speed on blood flow pulsatility. As LVAD speeds increase, more blood flows through the LVAD instead of being ejected through the aortic valve. Therefore, at higher pump speeds, there is a lower pulse pressure. Lower pulsatility has an impact on the assessment of pulse and blood pressure on physical examination. See Online Figures 1 to 5 for brand-specific images of device components. GI = gastrointestinal; HF = heart failure; HVAD = HeartWare ventricular assist device; LVAD = left ventricular assist device; RPM = revolutions per minute.

### Biography

Maria Vicario completed her medical degree in 1996 at Federico II University, Naples, Italy. She completed her cardiology degree in 2002 at Dame University. She has done her PHD in clinical physiopathology and cardiovascular disease. She joined Federico II University as a consultant from 2007 to 2011. Currently she is working as a cardiologist at heart failure unit in Niguarda Hospital.

[maluvicario@gmail.com](mailto:maluvicario@gmail.com)