updated information. The article by Quan and colleagues\(^1\) is a novel, interesting, and valuable contribution to this field.

Cipriano Abad, MD, PhD\(^a\)
Stefano Urso, MD, PhD\(^b\)
Bernardino Clavo, MD, PhD\(^c\)
\(^a\)Department of Medical and Surgical Sciences
School of Medicine
University of Las Palmas de Gran Canaria
Las Palmas de Gran Canaria, Spain
\(^b\)Department of Cardiac Surgery
\(^c\)Research Unit
Hospital Universitario de GC Dr Negrin
Las Palmas de Gran Canaria, Spain

Reply to the Editor:

In response to our recent case report on a patient who underwent percutaneous atrial septal closure concomitantly with left-ventricular assist device (LVAD) implantation via an upper hemisternotomy and left anterior minithoracotomy approach, Abad and colleagues\(^1\) wrote on trends to ward less-invasive procedures in cardiac surgery, and in particular in mechanical circulatory support, may offer a more tolerable operation and result in improved outcomes in the most critically ill patients.

Aakash Shah, MD
David J. Kaczorowski, MD
Division of Cardiac Surgery
University of Maryland School of Medicine
Baltimore, Md

References

https://doi.org/10.1016/j.jtcvs.2018.12.003

MINIMALLY INVASIVE DURABLE MECHANICAL CIRCULATORY SUPPORT: DON’T HIT THEM WHILE THEY’RE DOWN

Authors have nothing to disclose with regard to commercial support.
References

https://doi.org/10.1016/j.jtcvs.2018.12.059