

[Home](#) ▶ [All Journals](#) ▶ [Baylor University Medical Center Proceedings](#) ▶ [List of Issues](#)[▶ Latest Articles](#) ▶ [Impella 5.5 and venovenous extracorporea ...](#)[Log in](#)[Register](#)[Cart](#)

[Baylor University Medical Center Proceedings](#) >

The peer-reviewed journal of Baylor Scott & White Health

[Latest Articles](#)

0

Views

0

CrossRef citations to date

0

Altmetric

Case Studies

Impella 5.5 and venovenous extracorporeal membrane oxygenation as a bridge to ventricular assist device in cardiopulmonary failure

[Austin Kluis](#)  , MD  , [David Rawitscher](#) , MD, [Aasim M. Afzal](#) , MD,

[J. Michael DiMaio](#) , MD & [Timothy J. George](#) , MD

Received 09 Sep 2022, Accepted 10 Dec 2022, Published online: 05 Jan 2023

 [Download citation](#)

 <https://doi.org/10.1080/08998280.2022.2158772>

 [Check for updates](#)

Sample our
Health and Social Care
Journals



>> [Sign in here](#) to start your access
to the latest two volumes for 14 days

Abstract

Venoarterial extracorporeal membrane oxygenation (ECMO) in the setting of combined cardiopulmonary failure provides full support of both cardiac and respiratory systems. However, it is difficult to isolate and evaluate pulmonary recovery independent of cardiac function on venoarterial ECMO. In this case report, we demonstrate the advantage of supporting a patient in cardiopulmonary failure with venovenous ECMO and the Impella 5.5 as a method to isolate organ dysfunction, wean off ECMO as respiratory function improves, and bridge to a left

[Home](#) ▶ [All Journals](#) ▶ [Baylor University Medical Center Proceedings](#) ▶ [List of Issues](#)[▶ Latest Articles](#) ▶ [Impella 5.5 and venovenous extracorporea ...](#)**Q Keywords:** [Cardiopulmonary failure](#) [extracorporeal membrane oxygenation](#) [Impella](#) [venovenous](#)[◀ Previous article](#)[View latest articles](#)[Next article ▶](#)

Log in via your institution

[▶ !\[\]\(6059a5aa8b4ca7bb793408023d6c6e42_img.jpg\) Access through your institution](#)

Log in to Taylor & Francis Online

[▶ Log in](#)

Restore content access

[▶ Restore content access for purchases made as guest](#)

Purchase options *

[Save for later](#)

Issue Purchase

- 30 days online access to complete issue
- Article PDFs can be downloaded
- Article PDFs can be printed

USD 35.00[🛒 Add to cart](#)

PDF download + Online access

- 48 hours access to article PDF & online version
- Article PDF can be downloaded
- Article PDF can be printed

USD 62.00[🛒 Add to cart](#)

Purchase access via tokens

- Choose from packages of 10, 20, and 30 tokens

[Home](#) ▶ [All Journals](#) ▶ [Baylor University Medical Center Proceedings](#) ▶ [List of Issues](#)[▶ Latest Articles](#) ▶ [Impella 5.5 and venovenous extracorporea ...](#)**From USD 450.00**

per package

[Learn more](#)

* Local tax will be added as applicable

Disclosure statement/Funding

The authors report no conflicts of interest. The patient consented to publication of this case report.

Additional information

Funding

Philanthropic gift of Satish and Yasmin Gupta to Baylor Scott & White The Heart Hospital, Plano.



Related Research

Recommended articles

Cited by

Recommendations aren't yet available

[Home](#) ▶ [All Journals](#) ▶ [Baylor University Medical Center Proceedings](#) ▶ [List of Issues](#)
▶ [Latest Articles](#) ▶ [Impella 5.5 and venovenous extracorporea ...](#)

[Home](#) ▶ [All Journals](#) ▶ [Baylor University Medical Center Proceedings](#) ▶ [List of Issues](#)
▶ [Latest Articles](#) ▶ [Impella 5.5 and venovenous extracorporea ...](#)

[Information for](#)

[Authors](#)

[R&D professionals](#)

[Editors](#)

[Librarians](#)

[Societies](#)

[Opportunities](#)

[Reprints and e-prints](#)

[Advertising solutions](#)

[Accelerated publication](#)

[Corporate access solutions](#)

[Open access](#)

[Overview](#)

[Open journals](#)

[Open Select](#)

[Dove Medical Press](#)

[F1000Research](#)

[Help and information](#)

[Help and contact](#)

[Newsroom](#)

[All journals](#)

[Books](#)

[Keep up to date](#)

Register to receive personalised research and resources
by email



[Sign me up](#)



Copyright © 2023 Informa UK Limited [Privacy policy](#) [Cookies](#) [Terms &](#)

[conditions](#) [Accessibility](#)

Registered in England & Wales No. 3099067
5 Howick Place | London | SW1P 1WG

 Tandem Publishing
1000 West 10th Street