

LifeSPARC Program



Development Plan

The first LifeSPARC case is an important milestone in successful program building. The journey doesn't end with one explant, a partnership with LivaNova ACS is more than just an order.

Our Commitment to You.

POST LAUNCH ENGAGEMENT

- ☐ Analysis of new barriers to implementation of ECMO Support
- ☐ Assessment of additional educational needs
- ☐ Set regular cadence of staff in-servicing
(recommend every 6 weeks)
- ☐ Case Support for first ____ cases. As needed after ____ cases.
- ☐ ICU Support for first ____ hrs, daily and as needed after ____ hours,
for first ____ cases for duration of support. Daily and as needed
after ____ cases.

PROGRAM BUILDING INITIATIVES

- ☐ Case debrief post implant with procedural team
- ☐ Case debrief post explant with ICU/ECMO staff
- ☐ Review additional device utilization opportunities
- ☐ Peer to Peer engagement for program support

LIFESPARC UTILIZATION CONSIDERATIONS

Desired Patient Population	
Expected Volume	
Barriers to Implant	
Barriers in Patient Management	
Administration Barriers	

ACS CASE DEBRIEF TEMPLATE

Team/Site Name: _____
Case Review: _____
Date: _____

WHEN COMPLETED

☐ After Cannulation **OR** ☐ After Decannulation

WHAT WENT WELL AND WHY?

Successes	How to Ensure Future Success

WHAT CAN BE IMPROVED AND HOW?

What Can Be Improved?	Recommendations

VIRTUAL RESOURCES



LivaNova Learning Hub

Multiple educational videos and downloadable resources related to LivaNova ACS products.



LivaNova Academy

Learning management system with a variety of modules covering basic principles and clinical application courses related to ECMO and MCS



LivaNova GoTo Stage Webinars

On-demand, previously hosted educational webinars. Topics include Fundamentals of VA and VV ECMO, ICU Considerations for the ECMO Patient, and more.



Extracorporeal Life Support Organization (ELSO)

International consortium providing educational resources, guidelines, publications, etc.



Indications and Safety Information

The LifeSPARC System is a centrifugal blood pump system intended to assist in circulation of the patient's blood when part of an extracorporeal circuit including physiologic gas exchange of the patient's blood in adult patients with acute respiratory failure or acute cardiopulmonary failure, where other available treatment options have failed, and continued clinical deterioration is expected or the risk of death is imminent. These may include:

- Failure to wean from cardiopulmonary bypass following cardiac surgery in adult patients
- ECMO-assisted cardiopulmonary resuscitation in adults



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