



Extracorporeal Photopheresis (ECP)

Amicus Blue

Therapeutic Apheresis and Cell Collection

The Amicus ECP System includes the Phelix Photoactivation Device to provide extracorporeal photoimmunotherapy, using a single-use disposable kit within an online, closed system. The ECP system is indicated for the palliative treatment of the skin manifestations of cutaneous T-Cell lymphoma (CTCL) that is unresponsive to other forms of treatment.

[Online, closed photopheresis system](#)

[Low extracorporeal volume \(163 mL\)](#)

[Real-time fluid balance tracking](#)



Advantages of the Amicus Blue with ECP



Amicus MNC Collection Technology

Utilizing the proven Amicus capabilities in separating and collecting mononuclear cells, the ECP protocol is an expanded indication for the Amicus Blue Separator System.

Online Closed System

The Amicus Separator's single-use disposable kit combined with the Phelix Photoactivation Device create an online, closed system to perform photopheresis. The patient is not disconnected from the Amicus device throughout the procedure. After photoactivation, Amicus reinfuses the treated cells back to the patient.

Procedure Flexibility

The Amicus Blue Separator System offers the flexibility to perform additional procedures from a single device:

- MNC Collections
- Therapeutic Plasma Exchange
- Red Blood Cell Exchange
- Platelet Collections

Phelix Photoactivation Device



Versatility

The Phelix Photoactivation Device is designed to operate with any Amicus Blue System that is enabled to perform ECP procedures.

Safety

The device continuously monitors the intensity of UVA light, temperature of the collected MNCs, and agitation to ensure delivery of the target UVA light dose.

Performance

The device is designed to expose collected MNCs under constant agitation, with approximately 1.5 J/cm² of UVA light

Ease of Use

Bi-directional communication between the Amicus Separator and Phelix allow for easy control of the system from the Amicus device.

Photoactivation progress and results can be monitored and viewed from the Amicus Separator's touchscreen user interface.

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The Amicus ECP System provides the following features for patient safety and comfort:



- Real-time fluid balance tracking
- Automated Custom Prime for patients that have a lower total blood volume and/or lower hematocrit
- Low extracorporeal kit volume (163 mL)
- The 8-MOP injection site contains a 0.2-micron antimicrobial filter creating a functionally closed pathway in the disposable kit
- Patient saline option to administer saline by gravity to keep access lines open
- Disposable kit sterilization using irradiation to prevent the risk of reactions related to patient exposure to residual ethylene oxide



Product Codes

6R4580	Amicus Separator
6R4582	Phelix Photoactivation Device
R6R2347	Amicus Extracorporeal Photopheresis (ECP) Apheresis Kit - Double Needle
6112687037S	Amicus Mobility Wheel Assembly

NOTE: The Amicus ECP System has obtained CE mark approval for the indication of CTCL in the palliative treatment of the skin manifestations of cutaneous T-cell lymphoma (CTCL) that is unresponsive to other forms of treatment.

Refer to the Amicus Separator's operator manual for a list of warnings and precautions associated with the device.