AsahiKASEI

Cellsorba™ EX

ASAHI **LEUKOCYTAPHERESIS (LCAP)** COLUMN

**Leukocyte removal for
ulcerative colitis and Crohn's disease**

- *For treatment of inflammatory bowel disease
(IBD)*

- *Removal of leukocytes, which are implicated
in inflammation
(granulocyte, monocyte, lymphocyte)*

- *Easy handling
- direct haemoperfusion -*

- *Gamma Sterilized / ETO Free*

ASAHI KASEI MEDICAL CO., LTD.
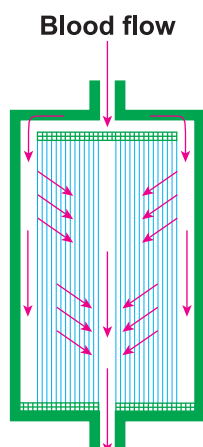A Pioneer in Blood Purification

Features & Benefits

Features:

1. INNOVATIVE - LCAP therapy using the leukocyte removal filter, Cellsorba, removes leukocytes, which are implicated in inflammation (e.g. granulocyte, monocyte, lymphocyte). This principle can be used to influence the clinical status of patients in relation to their inflammatory state.
2. EASY - Simple, extracorporeal procedure, which requires approximately one hour per session.

Benefits:

CLINICAL EFFICACY - Remission and improvement were observed in 74% of active ulcerative colitis patients. (Matsumoto. et al. Ther Apher Dial. 12:484-90, 2008)

Structure

Whole blood flows into the cylindrical non-woven fabric. The non-woven fabric removes leukocytes through filtration and adhesion.
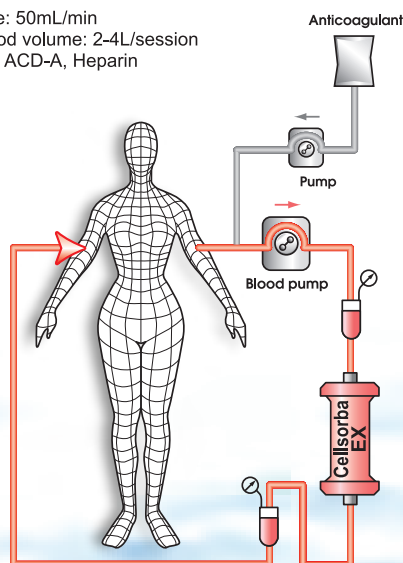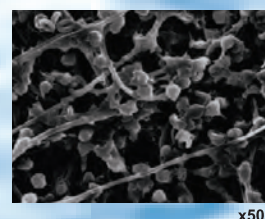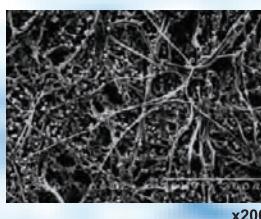
Blood flow

Circuit Diagram

Condition
- Blood flow rate: 50mL/min
- Treatment blood volume: 2-4L/session
- Anticoagulant: ACD-A, Heparin

Anticoagulant

Pump

Blood pump

Cellsorba EX

Specifications

Materials	Non-woven fabric made of polyethylene terephthalate
Column volume	170 mL
Column dimensions	200mm[L] - 45mm[D]
Sterilization	Gamma-Ray

Scanning Electron Micrograph pictures of leukocytes on the non-woven fabric of Cellsorba EX

x200   x500

CE
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