Double/Cascade Filtration with Plasma Fractionator

**Applications of Double/Cascade Filtration**

Double/Cascade Filtration is applicable for a variety of diseases.

- Hemolytic Disease
- Infection (Viral, Bacterial, Fungal, Viral)
- Inflammatory Disease
- Pregnancy Disorders (Preeclampsia, HELLP Syndrome)
- Nephropathy (Diabetic Nephropathy, Alport Syndrome, Sjogren Syndrome, HUS, Lupus Nephritis)
- Dialysis Therapy
- Non-diabetic Nephropathy
- Nephrotic Syndrome
- Renal Failure
- Renal Transplant
- Chronic Kidney Disease

**What is Double/Cascade Filtration?**

**Principle**

To selectively deplete a plasma fraction that contains disease-associated high molecular weight substances and to reduce or eliminate the requirement for substitution fluid such as albumin.

**Example of Plasma Fractionator Evaflux™**

- Selectable from 4 different pore size (SA, SA4, SA5, SA6) according to disease –

**Role of Double/Cascade Filtration**

Double/Cascade Filtration, which is similar to other apheresis procedures, can significantly contribute to the improvement of the patient's quality of life, reduce the time required to obtain remission, support the dose reduction of medications, diminish the side effects of drugs and enable the treatment of otherwise intractable diseases. (except from “SI”)

**Benefits of Double/Cascade Filtration**

**Benefit 1**

Selective depletion of plasma components based on their molecular size

**Benefit 2**

Reduced or no requirement for substitution fluid

**Benefit 3**

Wide range of applications

Double/Cascade Filtration can remove the targeted high molecular weight substances effectively by choosing the appropriate plasma fractionator with specific pore size.