

Support literature DONOR™

VAN STRATEN MEDICAL

YOUR PARTNER IN BLOOD MANAGEMENT

DONOR™ BLOOD REINUSION SYSTEM

WBC reduction graph (1)

Lipid droplet size distribution graph (2)

Full blood count data summary table (3)

Parameter	Pre-Filter	Post-Filter
WBC (x10 ⁹ /L)	10.5	1.5
PLT (x10 ⁹ /L)	150	140
Hb (g/L)	120	115
Hct (%)	35	33
MCV (fL)	90	90
MCH (pg)	90	90
MCHC (g/dL)	34	34
RDW (%)	13.5	13.5

Haemoglobin content table (4)

Parameter	Pre-Filter	Post-Filter
Haemoglobin (g/L)	120	115
Haemoglobin (g/dL)	12.0	11.5
Haemoglobin (g/dL)	12.0	11.5
Haemoglobin (g/dL)	12.0	11.5

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DONOR™ In-Vitro Testing of the DONOR™ Pre-Evacuated Post-Operative Autologous Blood Reinfusion System

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Purpose
To confirm the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System.

Summary
The following investigation was performed to determine the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System. The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Fluorescence
DONOR™ System Recovery: mean approx. 80%. This weight loss also included the removal of microscopic debris.

Leucocyte Reduction
mean: < 0.1%.

Lipid Droplet Removal
mean: 100% to 150% for lipid droplets > 10 µm in size.

Plasma Haemoglobin
mean: < 0.1 mg/dL.

SAFE BLOOD RECOVERY + SAFE BLOOD REINUSION = THE DONOR™ SYSTEM

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DONOR™ Dynamic Haemolysis Testing of the Vacuum Suction of DONOR™ Pre-Evacuated Post-Operative Autologous Blood Reinfusion System

Eliza M. van der Meulen, North-Holland, Amsterdam; Dr. M. J. van der Meulen, North-Holland, Amsterdam

Introduction
The DONOR™ reinfusion system is a closed, closed circuit, closed system. It is designed to collect and filter autologous blood during surgery. The system is used to collect and filter autologous blood during surgery. The system is used to collect and filter autologous blood during surgery.

Materials and Methods
The following investigation was performed to determine the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System. The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Results
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Conclusion
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

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DONOR™ autologous blood reinfusion system clinical updates, clinical reviews and brochures

Evaluation to assess the practical handling, leucoreduction and fat removal characteristics of the DONOR™ pre-evacuated post-operative autologous blood re-infusion

Dr. J. van der Meulen, North-Holland, Amsterdam; Dr. M. J. van der Meulen, North-Holland, Amsterdam

INTRODUCTION
The purpose of this study was to evaluate the practical handling, leucoreduction and fat removal characteristics of the DONOR™ pre-evacuated post-operative autologous blood re-infusion system.

Methods
The following investigation was performed to determine the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System. The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Results
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Conclusion
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

North Hampshire Hospitals NHS Trust

An evaluation of Post-Operative Autologous Blood Reinfusion System in total knee replacement: The DONOR™ system

J. van der Meulen, North-Holland, Amsterdam; Dr. M. J. van der Meulen, North-Holland, Amsterdam

INTRODUCTION
The purpose of this study was to evaluate the performance characteristics of the DONOR™ pre-evacuated post-operative autologous blood re-infusion system in total knee replacement surgery.

Methods
The following investigation was performed to determine the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System. The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Results
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Conclusion
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Royal Devon and Exeter Hospitals NHS Trust

Post-Operative Cell Salvage System Evaluation: The DONOR™ System

D. J. van der Meulen, North-Holland, Amsterdam; Dr. M. J. van der Meulen, North-Holland, Amsterdam

INTRODUCTION
The purpose of this study was to evaluate the performance characteristics of the DONOR™ pre-evacuated post-operative autologous blood re-infusion system in cell salvage.

Methods
The following investigation was performed to determine the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System. The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Results
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Conclusion
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

North Hampshire Hospitals NHS Trust

P43. Evaluation to Assess the DONOR™ Pre-Evacuated Post-Operative Autologous Blood Re-Infusion System

Dr. J. van der Meulen, North-Holland, Amsterdam; Dr. M. J. van der Meulen, North-Holland, Amsterdam

INTRODUCTION
The purpose of this study was to evaluate the performance characteristics of the DONOR™ pre-evacuated post-operative autologous blood re-infusion system.

Methods
The following investigation was performed to determine the in-vitro performance characteristics of the DONOR™ Autologous Blood Reinfusion System. The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Results
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

Conclusion
The results show that the system is able to filter leukocytes and platelets effectively, while maintaining the red cell count and haemoglobin concentration.

North Hampshire Hospitals NHS Trust

- Literature available for distributors and users
- 10 years of clinical follow up
- CE marked and FDA approved
- Premium quality and service provided
- Used in many countries around the world