

Experience the  
**F250NR**  
Optiflux Advantage  
In our customer's words...



Fresenius Medical Care

# Optiflux F250NR Advantage



Designed to Address Your Most Challenging Patients

## Exacting Science, Two Decades in the Making



The proven technology of Fresenius Polysulfone® and its exceptional quality, biocompatibility and performance provide the foundation upon which

Optiflux® technology is built.

Advanced polysulfone features unique fiber spinning technology and electron beam sterilization. Utilizing an elevated  $f/a$  ratio, the Optiflux series significantly improves dialysate distribution and optimizes effective surface area, which results in high urea and middle molecule clearance.

## Single-Use Advantage, Consistent Performance Treatment after Treatment



Eliminate the exposure of patients to reuse reprocessing chemicals and risk of decreased dialyzer performance with subsequent reuses.

And with the absence of sterilization residuals, Optiflux E beam dialyzers require less priming solution and preparation time.

## F250NR – 2.5m<sup>2</sup> to optimize Kt/V



Engineered to provide high clearance of small and middle molecular weight solutes within prescribed treatment times. The F250NR may

be the ideal dialyzer for larger patients or patients where reaching Kt/V and URRs is more challenging.

#1 Prescribed Dialyzer Brand in the USA



“Some of our patients were having trouble achieving  $Kt/V > 1.2$ . Now, we can run the least amount of time with better clearances, which the patients truly appreciate”

**Michele Manning, RN**

Nurse Manager  
Missouri Delta Medical Center



A smiling woman with dark hair, wearing blue scrubs, stands in the foreground of a dialysis center. In the background, several dialysis machines are visible, and other staff members are working at their stations. The scene is brightly lit and professional.

# Maximized Operational Efficiencies

The Optiflux F250NR is designed to maximize clinical outcomes in a cost conscious environment.

- 300 ml priming volume
- Improved clearance

“Still using only one bag of saline per treatment...  
have seen no impact on heparin dosing.”

Chief Technician

“A smart investment... we are able to achieve the clearances  
needed in our upcoming reimbursement environment.”

Nurse Practitioner

“Any facility having trouble achieving Kt/V should  
look at the Optiflux F250NR.”

Chief Technician

Prior to using the F250NR, URR in the clinic was 60-64% in our larger patients. We are now achieving 68-69%.

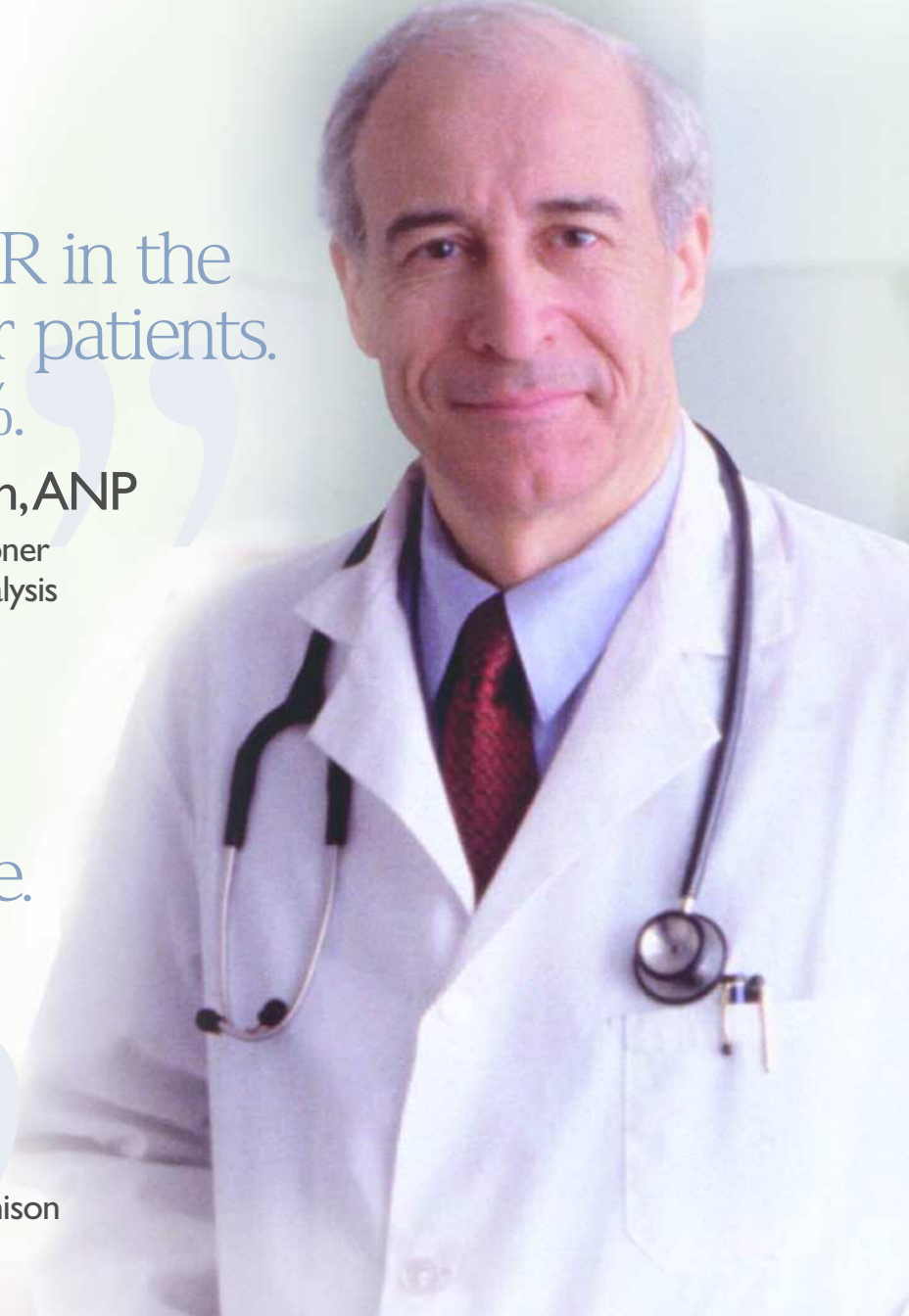
**Cathy Corrigan, ANP**

Nurse Practitioner  
Ridgewood Dialysis

Before the switch to F250NR, my 11 larger patients achieved 1.47 Kt/V for a 3-month average. The 3-month average for these patients is now up to 1.58 Kt/V.

**Bill Brown**

Chief Technician  
Dialysis Center of Hutchison



# Technical Specifications: F250NR

Therapy	SU	Sterilization Method	Electron Beam
Surface Area (m <sup>2</sup> )	2.5	KoA Urea (ml/min)	1662
Prime Volume (ml)	135	Lysozyme** (ml/min)	118
Kuf* (in vitro bovine 32%)	107	Product Code	0500325E

## Clearance Q<sub>b</sub> 200, Q<sub>d</sub> 500 ml/min

Urea	198
Creatinine	194
Phosphate	194
Vitamin B12	157

## Clearance Q<sub>b</sub> 300, Q<sub>d</sub> 500 ml/min

Urea	286
Creatinine	271
Phosphate	271
Vitamin B12	199

## Clearance Q<sub>b</sub> 400, Q<sub>d</sub> 500 ml/min

Urea	344
Creatinine	318
Phosphate	325
Vitamin B12	221

## Clearance Q<sub>b</sub> 400, Q<sub>d</sub> 800 ml/min

Urea	382
Creatinine	354
Phosphate	354
Vitamin B12	245

Membrane – Advanced Fresenius Polysulfone®

Housing – Polycarbonate

Potting Compound – Polyurethane

Clearance data is in vitro with UFR=0ml/min. Data on file. In vivo performance may differ.

Sodium used as a marker for urea.

\* Standard deviation for ultrafiltration coefficient: ±13.1ml/hr/mmHg

\*\*Lysozyme, MW 14,300 Daltons, used as surrogate for middle molecule  
F250NR Standard deviation for lysozyme clearance: ±4.8ml/min

See full package labeling for a complete description of hazards, contraindications,  
side effects and precautions.



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