

# DIALYZERS

for single-use

Designed for extrarenal blood purification by dialysis and ultrafiltration in clinics and hospitals in the treatment of patients with renal insufficiency

High-flow

Medium-flow

Low-flow

- + The dialyzer is a transparent cylindrical polycarbonate housing filled with polysulfone capillary filters, which are fixed on both sides with a polyurethane filling
- + The task of extrarenal purification of blood (its physiological environment) is to purposefully change its ionic, carbohydrate composition, stabilize pH, remove excess water, low molecular weight metabolites (urea, creatinine, etc.), toxic substances and allergens, representing both low and high molecular weight components while maintaining the same content of proteins, fats, shaped elements



ROSATOM  
RDS

# SUPPLIES

for hemodialysis

Dialysis  
needles



Dialyzers

Blood-carrying  
dialysis lines



SATIS  
ROSATOM

# DIALYSIS NEEDLES

for single-use



Download the leaflet

Designed to be connected to blood lines during extrarenal blood purification in patients with acute and chronic renal insufficiency

Tube length – 150 mm

- + Ethylene oxide gas sterilisation
- + Packaging material – a bag made of thermoformable film and gas-permeable paper
- + Sterile, non-pyrogenic, non-toxic

## Arterial needle

Needle type	Needle diameter, mm	Needle length, mm
1	1,8	25
2	1,65	25
3	1,5	20

## Venous needle

Needle type	Needle diameter, mm	Needle length, mm
1	1,8	25
2	1,65	25
3	1,5	20

# BLOOD-CARRYING DIALYSIS LINES

for single-use

Designed to connect the blood-conducting cavity of the dialyzer to the patient during extrarenal blood purification in patients with acute and chronic renal insufficiency

- + The main elements of the lines are a tube, taps and a drip chamber
- + All connectors and terminals of the line are color-coded for ease of identification
- + Ethylene oxide gas sterilisation



## Arterial lines

Line type	Line length, mm	Inner diameter of line pipes, mm	Volume of line filling, ml	External diameter of line pipes, mm
1	4380 ± 70	6,5 ± 0,05	102	12,2 (+0,1; -0,25)
2	4380 ± 70	6,5 ± 0,05	103	12,2 (+0,1; -0,25)
Pediatric	3350 ± 70	6,5 ± 0,05	60	10 (-0,15)

## Venous lines

1	3190 ± 70	6,5 ± 0,05	86
2	3190 ± 70	6,5 ± 0,05	80
Pediatric	1885 ± 50	4,6 ± 0,05	40