

مؤسسة خطوط الحماية التجارية Protection Lines Trading Est.

Main Website www.prolines.org

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WE CARE YOUR HEALTH

من نحن ...

انطلقت المنشأة في عام ٢٠١ م بسجل تجاري رقم ٤٠٣٠٢٩٥٥٠٧ ومقرها الرئيسي في المنطقة الغربية بمدينة جدة بالمملكة العربية السعودية. مهمة خطوط الحماية أن نكون أفضل مزود لخدمات الرعاية الصحية في المملكة العربية السعودية وأكثرها جدارة بالثقة ، ونقوم بتوفير أفضل الخبرات والمنتجات لرعاية المرضى بغية إحداث فارق حقيقي في نوعية وجودة العلاج الذي يتلقاه مرضانا.

About Us ...

The facility was established in 2016 with Commercial Registry No. 4030295507 and its headquarters is in Al-Khumrah region in Jeddah, Kingdom of Saudi Arabia.

The mission of Protection Lines is to be the best and most trustworthy provider of health care services in the Kingdom of Saudi Arabia, and we provide the best expertise and products for patient care in order to make a real difference in the quality and quality of treatment our patients receive.

CERTIFICATES ...

¢€, ISO 0123/0197 SFDA – DMEL, MDNR, AR WEGO, MDMA WEGO, AR BAIN, MDMA BAIN, AR VITAL and MDMA VITAL.

WE ARE THE LEADING PROVIDER OF PRODUCTS AND SERVICES.

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VALUI







MISSION

o transform natural resources into prosperity and susainable development. Juo dicit ridens inciderint id.



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To be the number one global natural resources company in creating long term value, through excellence and passion for people and the planet.



ES





Dialyzer

Hollow Fiber Dialyzer

Polysulfone (PSF, PSU):



- Hydrophilic/hydrophobic blend synthetic membranes (PSU&PVP).
- Microwave membrane fiber design.
- Smoothing and optimized end surface and caps design.

IN VITRO PERFORMANCE

F12

F13

F14

F16





»» LOW FLUX HIGH PERFORMANCE

IN VITRO PERFORMANCE

F15

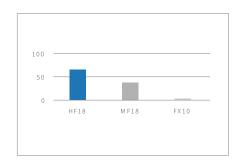
F18

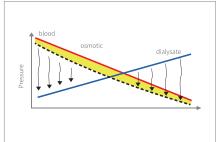
F20

Excellent phosphorus removal performance

- Reduce serum phosphate, thereby reducing the risk of hyperparathyroidism caused by calcium and phosphorus metabolism disorder.
- Reduce skin itching and other symptoms caused by inadequate phosphorus clearance.
- Reduce cardiovascular wall calcification.
- Reduce the incidence of bone pain, fractures, fractures degeneration, bone deformities, joint pain and other renal osteopathy.







»» MIDDLE FLUX

IN VITRO PERFORMANCE

MF14

MF16

MF18

MF19

- During the common dialysis treatment, it can assist the clearance of middle-molecular toxins such as B2 microglobulin.
- The higher ultrafiltration coefficient of middle flux dialyzers forms a pressure difference during the dialysis process to achieve the inverse filtering effects.



Products benefits of HF series:

- Exceptional clearance of B-2microglobulin.
- Superior retention of albumin.
- Excellent endotoxin barrier.
- Outstanding biocompatibility.
- Integrated Nano-spinning technology.

»» HIGH FLUX

IN VITRO PERFORMANCE HF10 HF12 HF14 HF15 HF18 HF19 HF20 HF21 HF22 HF23



Dialyzer Hollow Fiber Dialyzer





- Optimized fiber inner diameter.
- Higher ability of cleaning middle molecular
- and macromolecular toxin.
- Design of small wave fiber.
- Polysulfone (PSU) membrane fiber.
- Hemodiafiltration (HDF).

»» Hollow Fiber Hemodiafilter

IN VITRO PERFORMANCE

HDF15

HDF18



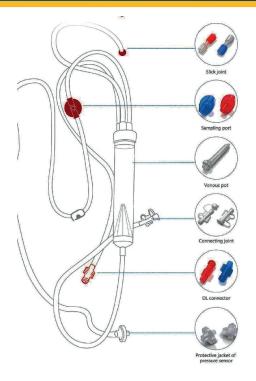


»» Plasma Separator

- With good permeability, it can effectively separate plasma and complete blood cells.
- Good bio-compatibility with Polypropylene material.
- Applicable to the treatment modes such as plasma exchange, double -filtration plasma separation and plasma adsorption.

Extracorpeal Blood Circuit







Product Features

	Medical	grade PV	C tubing	minimizes	side	effect to health	١.
_	Micaicai	grade i v	Ctubilly	111111111111111111111111111111111111111	JIGC	Circuit to ricuiti	H

- All components are available for most brands of hemodialysis machines in operation worldwide, customized blood lines are available on request.
- Technical Parameters.
- Sterilization: E.O. gas or gamma ray.
- CE marked.

Tubing Set for Hemodialysis with DINCH (DEHP FREE) ("Available on demand)

The introduction to DINCH (DEHP FREE)

 DINCH was introduced to the global market in 2002 as an alternative plasticizer for sensitive exposure application such as toys, food packaging and medical devices.

The feature of DINCH (DEHP FREE)

- No relevant hazards for cancer, testiculartoxicity, impairment of fertility, developmental toxicity, teratogenicity and endocrine action.
 No environmental hazards.
- No accumulation in the body.



A. V. Fistula Needle Sets



- Ultra thin wall and siliconized for smoother penetration.
- Special process on blade reduces pain and skin damage for smoother penetration.
- Medical grade PVC tubing minimize side effect to health.
- Sterilization: E.O.gas and gamma ray.
- CE Certification passed.
- 14G/15G/16G/17G.
- Fixed wing/rotatable wing.
- With/without back eye.
- Safety needle & Dull needle are available.

Rotatable needle wing

The position of needle tip bevel can be adjusted arbitrarily and the pinhead should not be closely adhered to the vascular wall



Design of pinhead dorsal pore

Shunt the blood flow in multiple directions, and improve blood flow.



Disposable Hemodialysis Care Kits

Accessories

Drape - surgical gloves - Latex gloves - Nonwoven cloth - Mask - Band aids - Adhesive tape - Lodine swab - 70% alcohol pad - Syringe - IV line - etc.

Other accessories are available on demand.





Hemodialysis Bicarbonate

VITAL cartridge containing sodium bicarbonate powder that produces fresh dialysate online when combined with acid concentrate and pure water.

Fast and easy to load, VITAL offers different cartridge volumes to accommodate different treatment durations.

Achieve a clean, droplet-free floor thanks to top and bottom caps that keep any remaining liquid contained in the cartridge. Availlable with Cartridge and Bag.







- Top and bottom pre-perforated with two filters.
- Top and bottom caps.
- Online production of fresh bicarbonate solution .
- Easy to load and store.
- Different volumes to match different treatment durations
- Safety needle & Dull needle are available.



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