

# PIRAAB MEDICAL

Piraab Medical Co., Ltd.



## PREMIER RENAL HEALTH SOLUTION PROVIDER

COMPANY INTRODUCTION

# About us



Piraab Medical Co., Ltd. was founded (Est. 2018) with the mission of improving renal health therapies in Thailand and surrounding countries.

Working closely with institutions (50+ hospitals network in Thailand and CLMV) and consultation from market leaders in hemodialysis (Nikkiso Co., Ltd, leader of renal care in Japan), Piraab Medical provides customers with high quality solutions to treat late-stage chronic kidney disease patients undergoing hemodialysis.



ISO13485: 2016



GMP Certificate



CSDT Certificate\_Kirenal Cirtaid (Citrate)



## Product

- Liquid Citrate Dialysis concentrate
- Dry Citrate Dialysis concentrate
- Disinfectant

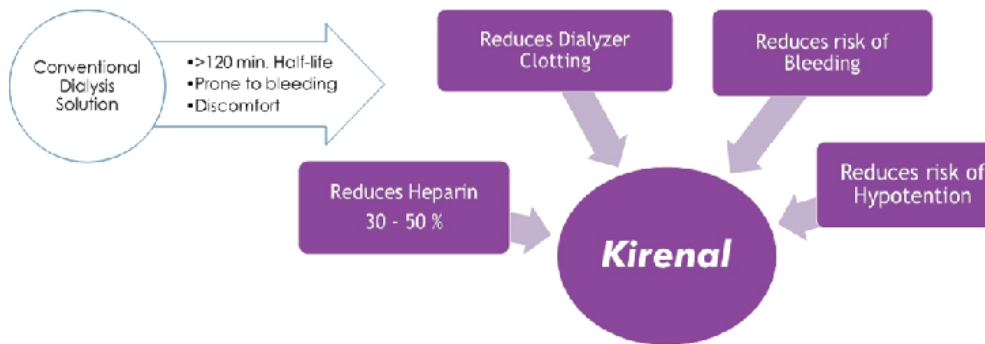


# Product: Citric Acid Concentrate Liquids

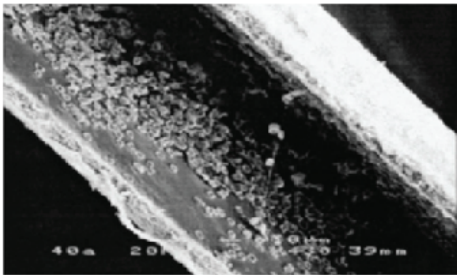
## Premium Dialysis Solution *with CITRATE*

# KIRENAL Citraid

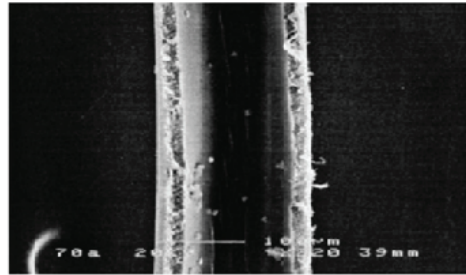
Systemic half-life of citrate is very short



Dialyzer analysis comparison between using conventional and citrate dialysis solution



Heparin Low molecular weight



CITRATE Solution



- Reduce risk of Hypotension
- Reduce use of Heparin by 30 – 50 %
- Reduce risk of bleeding
- Reduce clotting of dialyzer

# Product: Dry Citrate Dialysis concentrate

## Dialysate Powder Citrate PMED Citraid Powder Products



After Dilution Mixing Part A:Part B:RO Water Ratio 1:1.225:32.775

PMED Code	Description	Sodium mEq/L	Potassium mEq/L	Calcium mEq/L	Magnesium mEq/L	Glucose g/L	Citrate mEq/L
PCPA011001	PMED Citraid Powder-A1 (K 2.0, Ca 3.5)	138	2.0	3.5	1.0	1.0	2.0
PCPA021001	PMED Citraid Powder-A2 (K 2.0, Ca 2.5)	138	2.0	3.5	1.0	1.0	2.0
PCPA031001	PMED Citraid Powder-A3 (K 2.0, Ca 3.0)	138	2.0	3.0	1.0	1.0	2.0
PCPA041001	PMED Citraid Powder-A4 (K 2.0, Ca 2.0)	138	2.0	2.0	1.0	1.0	2.0
PCPA051001	PMED Citraid Powder-A5 (K 0.0, Ca 3.5)	138	0	3.5	1.0	1.0	2.0
PCPA061001	PMED Citraid Powder-A6 (K 3.0, Ca 3.5)	138	3.0	3.5	1.0	1.0	2.0
PCPA071001	PMED Citraid Powder-A7 (K 4.0, Ca 3.5)	138	4.0	3.5	1.0	1.0	2.0
PCPA081001	PMED Citraid Powder-A8 (K 2.0, Ca 3.5)	138	2.0	3.5	1.0	0.0	2.0
PCPA091001	PMED Citraid Powder-A9 (K 2.0, Ca 3.5)	138	2.0	3.5	1.0	2.0	2.0
PCPA101001	PMED Citraid Powder-A10 (K 4.0, Ca 2.5)	138	4.0	2.5	1.0	1.0	2.0
PCPA111001	PMED Citraid Powder-A11 (K 0.0, Ca 2.5)	138	0	2.5	1.0	1.0	2.0
PCPA121001	PMED Citraid Powder-A12 (K 0.0, Ca 3.0)	138	0	3.0	1.0	2.0	2.0
PCPA131001	PMED Citraid Powder-A13 (K 2.0, Ca 1.75)	138	2.0	1.75	1.0	1.0	2.0
PCPA141001	PMED Citraid Powder-A14 (K 3.0, Ca 3.0)	138	3.0	3.0	1.0	1.0	2.0
PCPA151001	PMED Citraid Powder-A15 (K 3.0, Ca 2.5)	138	3.0	2.5	1.0	1.0	2.0

PCPB001201	PMED Citraid Powder-B	Bicarbonate 30.0 mEq/L					
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### Mixing all chemicals of :

- PMED Citraid Powder-A and add purified water 86.157 L to give total 100 L
- PMED Citraid Powder-B and add purified water 116.111 L to give total 120 L

# Product: Disinfectant



**Disinfectant for cleaning and disinfecting in cleaning and disinfecting in Haemodialysis Machine and apparatus or equipment which using in HD Clinic**

- 1. Citric Acid 30%
- 2. Sodium hypochlorite 5%
- 3. Sodium hypochlorite 10%



# PIRAAB MEDICAL COMPANY LIMITED

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