



MINUTE  
BUT  
MOMENTOUS



OTSKI™ -I.V.

Trace Elements Injection U.S.P.

La Renon®

# OTSKI™ -I.V.

## Trace Elements Injection U.S.P.



**Description** - Parenteral trace elements injection provides all the micronutrients (trace elements) to the patient who is on Total Parenteral Nutrition therapy or has developed or is at risk of developing trace element deficiencies.

### Indications –

- Supplement to I.V. Parenteral Nutrition solution
- Trace element deficiencies
- Patients receiving enteral / partial / total parenteral nutrition

### Composition-

Each ml of OTSKI I.V. contains –

- Chromium (as chloride) - 4mcg.
- Copper (as sulphate) - 0.4mg.
- Manganese (as sulphate) - 0.1mg.
- Selenium (as selenious acid) - 20mcg.
- Zinc (as sulfate)-1.0mg

### Recommended Daily IV Dosage –

TRACE ELEMENTS	ADULTS	PEDIATRIC	PRETERM INFANTS	TERM INFANTS
Chromium	20 mcg	0.14-0.20 mcg/kg	0.20 mcg/kg	0.20 mcg/kg
Copper	0.3 mg	15-20 mcg/kg	20 mcg/kg	20 mcg/kg
Manganese	0.7 mg	2-10 mcg/kg	1 mcg/kg	1 mcg/kg
Selenium	120 mcg	3-15 mcg/kg	2 mcg/kg	2 mcg/kg
Zinc	3 mg*	100-300 mcg/kg	400 mcg/kg	400 mcg/kg

\*requirement increases in diarrhea and high output ileostomy

### Administration and Preparation –

*For I.V. Use only after dilution:*

It is to be diluted to the appropriate strength with Sterile Water for Injection or other compatible fluid prior to intravenous administration.

Trace Elements in OTSKI – I.V. are physically compatible together and with the electrolytes present in amino acid / dextrose solution used for TPN.

### Storage –

Store below 25 degree Celsius.

### References –

- *Hyperalimentation : A Guide for Clinicians : Jr P: 598*
- *Drugs facts and comparison- 1996 edition (50), P: 165-171*
- *Nutritional Medicine : Blackburn; Bell;Mullen;W.B.Saunders, Philadelphia, 1969,p186*
- *Trace element regulation of immunity and infection – Ranjit .K.Chandra Nutrition research Volume 2, Issue 6*

## La Renon Healthcare

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