

KOZA 91

FIRST TIME IN INDIA



- INTRODUCTION -

Pruritus is defined as an unpleasant sensation that provokes the desire to scratch. It is a physiological self-defence mechanism similar to other cutaneous sensations such as touch, pain, vibration, cold or heat, enabling the protection of the skin from external factors.

Uremic pruritus or chronic kidney disease-associated pruritus (CKD-aP) remains a frequent and compromising symptom in patients with advanced or end-stage renal disease, strongly reducing the patient's quality of life.

- CHALLENGES OF CURRENT THERAPIES -

- UV light therapy has limited use due to its possible skin carcinogenic effect.
- Medications that blunt peripheral C-fiber nerve transmission and modulate pain and itching (pregabalin, gabapentin) are effective but side effects such as somnolence, confusion, dry mouth, visual changes, weight gain, angioedema, and increased suicide risk limit their use.
- Anti-histamines orally cannot be recommended long term due to its potentially dangerous side effect related to over sedation, especially in elderly.
- The majority of the skin-care products contain emulsifiers to disperse lipids in the formulation. Long term use of these emulsifiers damage or even destroy the continuous-bilayer structure in the skin.

"Therefore Safe and Effective modalities, which can work on Pathophysiology with minimum side effects should be considered as first-line treatment option."

KOZA 91

A NOVEL APPROACH FOR THE MANAGEMENT OF UREMIC PRURITUS

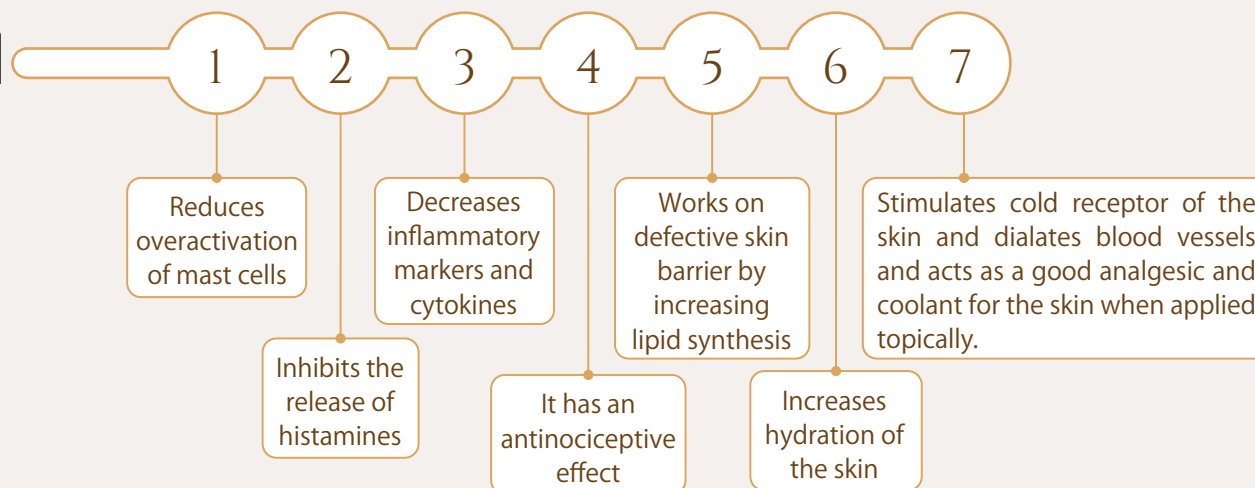
KOZA 91 is a novel solution for Uremic Pruritus which is available for the first time in India. **KOZA 91** is novel non-steroidal treatment of Uremic Pruritus which consists of Palmitoylethanolamide (PEA), Urea and Peppermint Oil.

Comparing the Traditional Emollient and **KOZA 91**

KOZA 91	Traditional emollient
Decreases inflammation	-
Decreases itching	-
Increases lipid synthesis	Increases restoration of lipid lamellae
Increases skin regeneration	Increases skin regeneration

Compared with the traditional emollient, the **KOZA 91** simultaneously controls both “passive” and “active” skin functions, including regeneration of skin and restoration of lipid lamellae, skin sensation and immune competence. (*CB, cannabinoid receptor)

HOW **KOZA 91** WORKS?



- BACKGROUND -

Uremic Pruritus is a chronic itch sensation of the skin in patients with chronic kidney disease and is difficult to treat. The incidence of Uremic Pruritus is 15% to 40% in the pre-dialysis stage and over 50% during dialysis treatment.

- DESCRIPTION -

KOZA91 is a novel solution for Uremic Pruritus which is available for the first time in India. **KOZA91** is a non-steroidal product for the treatment of Uremic Pruritus which consists of Palmitoylethanolamide, Urea and Peppermint Oil.

Components	Role
Palmitoylethanolamide	Decreases Dryness and Itching
Urea	Moisturizing Agent
Peppermint oil	Soothing and Cooling agent

- INDICATION -

- Pruritus in CKD and Hemodialysis patients
- Atopic dermatitis in CKD Patient

- USP -

- 1st Time in India
- Anti-Inflammatory, Anti-nociceptive and Analgesic
- Spreads easily and retains the moisture
- Non-Steroidal Lotion for Uremic Pruritus
- Cooling and Soothing effect
- Safe and effective

- DIRECTION OF USE -

Apply liberally as often as needed or as recommended by Physician.

- PRESENTATION -

KOZA91 is available as Lotion in 100 ml bottle.

