

Probiotic Capsule 15 Billion CFU

# Probigress

## Introduction:

- Chronic kidney disease (CKD) is a progressive disease leading to requirement of renal replacement therapy (RRT) over a period of time.
- There is limited availability and high cost of RRT in many countries, especially developing countries. This necessitates the researchers to focus on either prevention or slowing the progression of CKD.
- The internationally endorsed definition of probiotics is live microorganisms that, when administered in adequate amounts, confer a health benefit on the host.

## Description:

- Probigress, a natural supplement, is a high quality unique composition of Probiotics.
- Probigress consists of probiotic microbial strains of beneficial bacteria – Streptococcus Thermophilus, Lactobacillus Acidophilus and Bifidobacterium Longum.

## Composition:

Each Serving of Vegetarian Capsule contains:-

Composition	Approx. per Serving	% of RDA
Streptococcus Thermophilus	15 Billion CFU	NA
Lactobacillus Acidophilus		
Bifidobacterium Longum		
Energy	1.326 Kcal	0.049%
Carbohydrates	0.289 gm	0.096%
Proteins	0.032 gm	0.053%
Total Fats	0.004 gm	0.01%

## Indication:

- Probigress is Health Supplement. It helps maintain healthy kidney function.
- Probiotics are used as a probiotic to improve intestinal flora balance, inhibit harmful bacteria, promote good digestion, boost immune function, and increase resistance to infection.
- Probigress is also used for delaying the progression of CKD and the need for dialysis.

## Direction For Use:

One capsule daily with meal or as suggested by Healthcare Professional.

## Presentation:

Probigress is available as 10 capsules in an Alu-Alu Blister pack monocardon.

### La Renon Healthcare Pvt. Ltd.

207-208 Iscon Elegance, Circle P, Prahlad Nagar Cross Roads,  
S.G.Highway, Ahmedabad-380015, Gujarat, India.  
Phone: +91-79-3046-1000 (30 Lines), Fax: +91-79-3046-1001  
E-mail: info@larenon.com, Web: www.larenon.com

HELLO	I Am _____
	Call me on _____
	Mail me at _____



**La Renon®**

# Prolong the PROGRESS

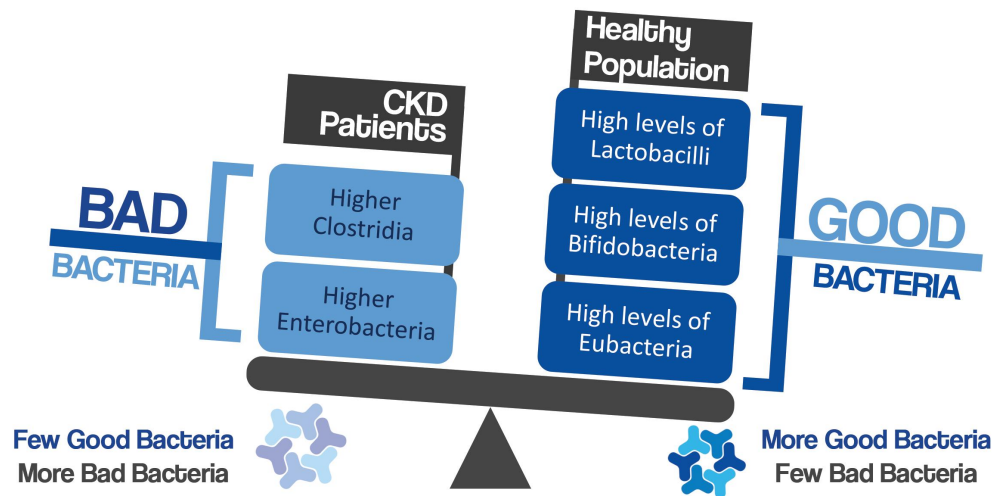
Probiotic Capsule 15 Billion CFU

# With Probigress

# Introduction:

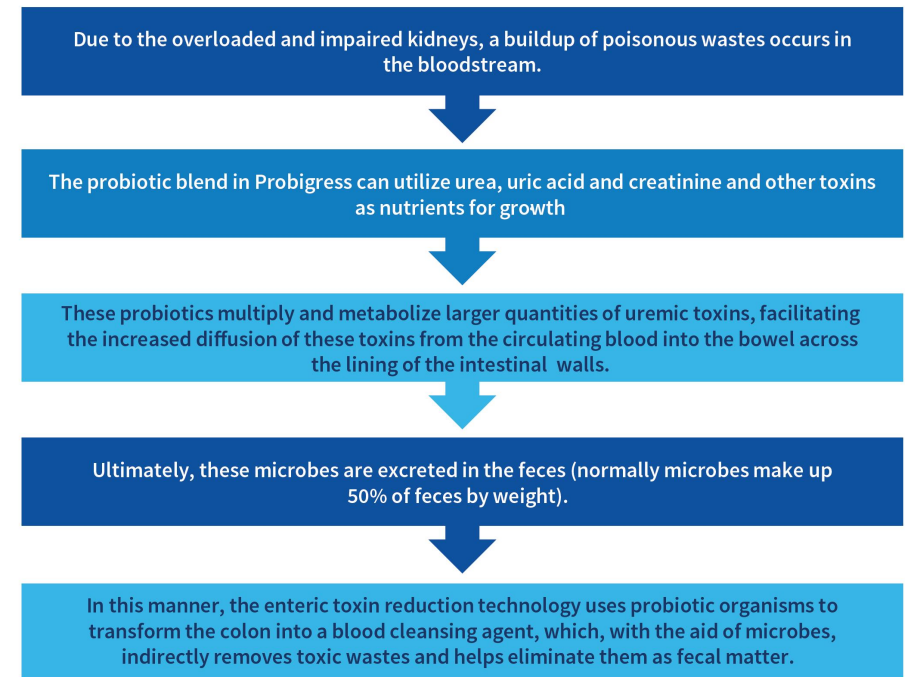
- Probiotics are “Live microorganisms which when administered in adequate amounts confer a health benefit on the host”.
- Probiotics are the focus of a thorough investigation as a natural biotreatment due to their various health-promoting effects and inherent ability to fight specific diseases including chronic kidney disease (CKD).<sup>1</sup>
- Indeed, intestinal microbiota has recently emerged as an important player in the progression and complications of CKD. <sup>1</sup>
- Many research studies proved the efficacy of probiotics to decrease uremic toxin production and to improve renal function. <sup>1</sup>
- Uremic toxins** play a major role in the pathogenesis of morbidity in patients with chronic kidney disease (CKD). The two major uremic toxins studied are p-cresol and indoxyl sulfate.<sup>2</sup>

## Dysbiosis in CKD:



- Potentially harmful bacteria** (Clostridia, Proteus, Staphylococci, Pseudomonas) can cause diarrhea or constipation and facilitate infections or production of toxins.
- Potentially helpful bacteria** (Bifidobacteria, Eubacteria, Streptococci and Lactobacilli) inhibit exogenous and endogenous harmful bacteria, stimulate immune function, aid in digestion and absorption of nutrients and synthesize vitamins.

## How Probigress Works ?



## Role of Probiotic in Kidney Disease Patients

Streptococcus Thermophilus	Reduce Blood urea nitrogen, Uric acid, and also decreases p-cresol in plasma increases the quality of life. <sup>3</sup>
Lactobacillus Acidophilus	Reduce concentration of toxins ( dimethylamine, nitrosamines and several other carcinogenic amines) in blood stream. In addition, it also helps to prevent the growth of pathogenic bacteria in small bowel. <sup>4</sup>
Bifidobacterium Longum	Reduces various phenolic and indole metabolic toxic compounds (e.g. Indoxyl sulfate) and also reduces the progression of CKD in patients. <sup>3</sup>

### Reference:

- Kidney Int. 2015 Nov;88(5):958-66
- Dialysis & Transplantation May 2011
- Nefrologia. 2017;37(1):9–19
- Miner Electrolyte Metab. 1996; 22:92–6.

