



web: [ecng.co.in](http://ecng.co.in)

## **History in Nephrology**

***Legends whose contributions inspire us even today!***

***Ultra pure dialysis fluid and water standards***

- ▶ **Ultra-pure water itself was not “discovered” by a single person.**
- ▶ **The dialysis ultra-pure dialysate concept was strongly advanced by Bernard Canaud and European nephrologists in the 1990s.**



**Bernard Canaud,  
French Nephrologist**

**Bernard Canaud, the Nephrologist widely associated with advancing ultra-pure dialysis fluid and water standards in hemodialysis.**

---

# **“Ultrapure Water” in Dialysis?**

**Water that meets  
Stricter microbiological standards than  
Conventional dialysis water.**

- **Bacterial count : < 0.1CFU/mL**
- **Endotoxin level : <0.03 EU/mL**

***Limulus Amebocyte Lysate (LAL)***

---

**“Ultrapure dialysate improves biocompatibility –  
its disadvantages are economic, not clinical”.**

***Today's luxury is tomorrow's necessity!***