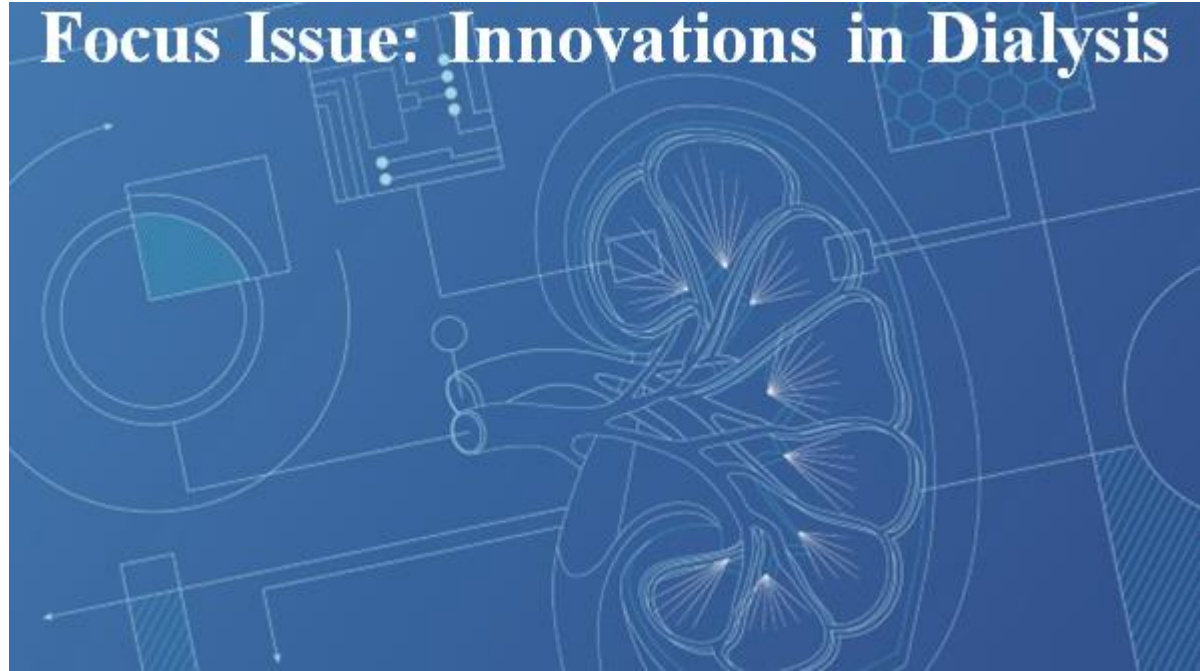


Focus Issue: Innovations in Dialysis



Dialysis is a lifesaving therapy for many patients with kidney failure, but innovations are sorely needed to improve patient outcomes, reduce costs and improve environmental sustainability. This Focus Issue describes the limitations of current dialysis and vascular access modalities and highlights some of the innovative approaches that have potential to transform the lives of patients with kidney failure worldwide, including novel devices, membrane technologies, water purification systems and smart sensors for real-time patient monitoring. KIDNEW has been granted free (read-only) access to the content of this Focus Issue. This access is provided in the form of the below listed Readcube™, with weblinks to all individual articles:

- **Dialysis: a field moving forward**
Editorial: <https://rdcu.be/b6tz9>
- **The current and future landscape of dialysis**
Jonathan Himmelfarb, Raymond Vanholder, Rajnish Mehrotra & Marcello Tonelli: <https://rdcu.be/b6tAc>
- **Challenges and novel therapies for vascular access in haemodialysis**
Jeffrey H. Lawson, Laura E. Niklason & Prabir Roy-Chaudhury: <https://rdcu.be/b6tAd>
- **Innovations in dialysis: the user's perspective**
Nieltje Gedney, Wim Sipma & Henning Søndergaard: <https://rdcu.be/b6tAe>
- **Regulatory approaches to stimulate innovative renal replacement therapies**
Fokko P. Wieringa, Murray I. Sheldon & Ana Hidalgo-Simon: <https://rdcu.be/b6tAg>
- **Innovations in peritoneal dialysis**
Marjorie W. Y. Foo & Htay Htay <https://rdcu.be/b6tAj>
- **Innovations in dialysis membranes for improved kidney replacement therapy**
Ilaria Geremia & Dimitrios Stamatialis <https://rdcu.be/b6tAk>
- **Innovations in approaches to remove uraemic toxins**
Rosalinde Masereeuw & Marianne C. Verhaar <https://rdcu.be/b6tAl>
- **Smart sensors for real-time monitoring of patients on dialysis**
Fokko P. Wieringa & Jeroen P. Kooman <https://rdcu.be/b6tAm>
- **Water use in dialysis: environmental considerations**
John W. M. Agar & Katherine A. Barraclough <https://rdcu.be/b6tAn>
- **Wearable artificial kidney: problems, progress and prospects**
Jonathan Himmelfarb & Buddy Ratner <https://rdcu.be/b6tAt>
- **Innovations in CKRT: individualized therapy with fewer complications**
Balazs Szamosfalvi & Lenar Yessayan <https://rdcu.be/b6tAx>

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