



## Melomed Gatesville Hospital Leads with Innovative Citrate Anticoagulation in Renal Care.

A First in Western and Eastern Cape.

**Melomed Gatesville Hospital has become the first private healthcare provider in the Western and Eastern Cape to introduce Citrate Anticoagulation technology as standard-of-care in its acute renal care services.**

Dr. Craig Arendse, a specialist physician/nephrologist at Melomed Gatesville Hospital, is thrilled to be part of this medical advancement. This technology is designed to support continuous renal replacement therapy (CRRT) for patients, allowing for safer, extended treatment sessions.

Citrate Anticoagulation is especially valuable because it minimises bleeding risks commonly associated with traditional heparin-based therapies. By binding calcium in the blood, citrate provides effective, localised anticoagulation within the dialysis circuit itself, reducing the need for systemic anticoagulation that can lead to complications in critically ill patients.

Dr. Arendse also shared that Melomed has launched and will soon begin using the latest PRISMAX continuous kidney replacement therapy machines, making Melomed the first in South Africa to implement this cutting-edge technology. This advanced system integrates seamlessly with

the regional Citrate Anticoagulation, enhancing our renal care unit's ability to provide CRRT using the most modern technology available worldwide.

The adoption of Citrate Anticoagulation at Melomed Renal Care signifies a leap forward for patient safety and therapy efficiency, offering extended, uninterrupted dialysis sessions and a reduced need for blood transfusions. For patients with heightened bleeding risks, such as those recovering from surgeries or trauma, this approach represents a significant improvement in clinical outcomes.

**This pioneering step demonstrates Melomed's and our Nephrologists commitment to delivering cutting-edge care, making it a leader in private renal services across the region.**

