

A reliable locking solution with an excellent cost profile.

IntraLock®
4% Citrate

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4% Citrate as in IntraLock® offers

- Longer intervention-free period compared to Heparin¹
- Efficient coagulation prophylaxis¹ – at the best risk/benefit ratio of Citrate locking solutions³
- An excellent cost profile – allowing an economic catheter care management

Literature References

¹ Lok C, *et al.* Trisodium citrate 4% – an alternative to heparin capping of haemodialysis catheters. *Nephrol Dial Transplant.* 2007;22:477–483.
² Grudzinski L, *et al.* Sodium citrate 4% locking solution for central venous dialysis catheters – an effective, more cost efficient alternative to heparin, *Nephrol Dial Transplant.* 2007;22:471–476.
³ Vanholder R, *et al.* Diagnosis, prevention and treatment of haemodialysis catheter-related bloodstream infections (CRBSI): a position statement of European Renal Best Practice (ERBP), *Nephrol Dial Transplant.* 2010;3:234–246.



The Fresenius Prophylaxis in Catheter Locking
IntraLock®: Building on reliability and cost-effectiveness.

4% CITRATE –
recommended by
ERBP position statement³



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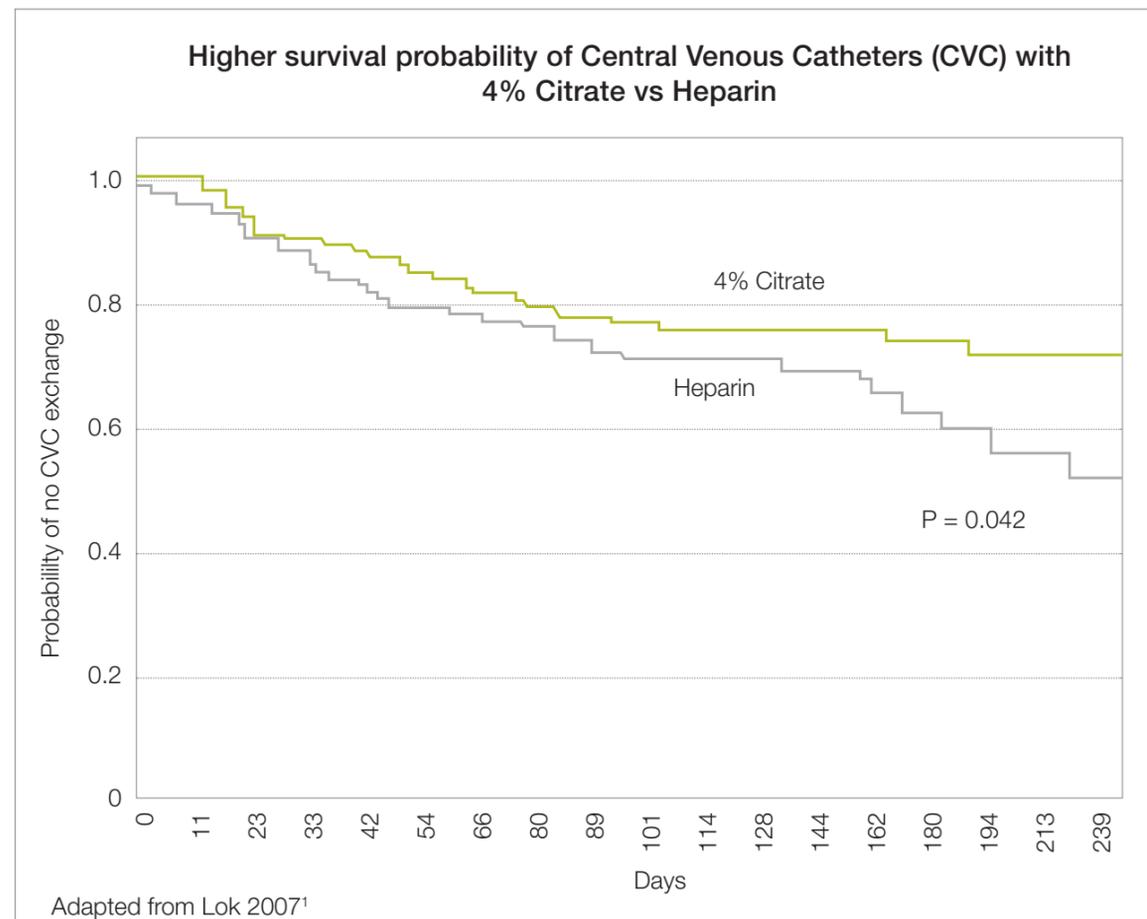
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A reliable locking solution ...

Advantages in catheter locking vs. Heparin

- Longer intervention-free period¹
- Lower need for thrombolytic agents¹
- No heparin associated bleeding complications²
- Provides reliable anti-thrombotic effect¹



4% CITRATE is recommended by ERBP and ASDIN position statement³

... with an excellent cost profile.

Advantages in catheter locking vs. hypertonic Citrate solutions

- Minimized risk for systemic hypocalcemia and its consequences (arrhythmia, cardiac arrest)²
- Offers best risk/benefit ratio of Citrate locking solutions³

