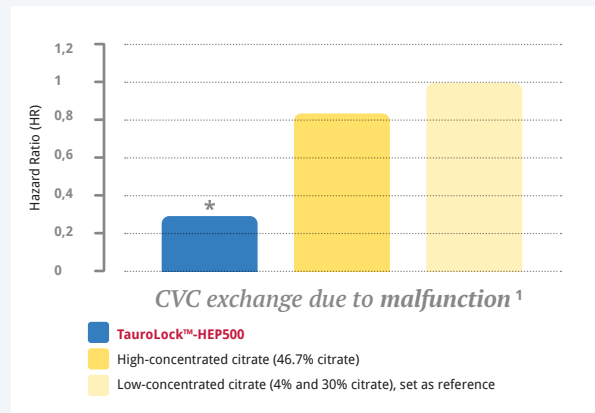




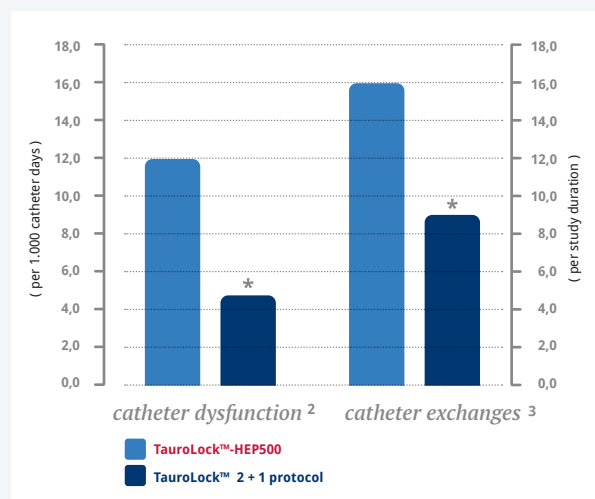
Want to optimise catheter function? Efficient protection against catheter malfunction with **TauroLock™ 2+1 protocol!**

*The solution for haemodialysis catheters  
Significantly lower hazard for CVC malfunction and removal*

**1. TauroLock™-HEP500** protects from catheter malfunction



**2. Optimum results with TauroLock™ 2+1 protocol**



*The solution for optimum results: **TauroLock™ 2+1 protocol**  
2 x weekly **TauroLock™-HEP500**, 1 x weekly **TauroLock™-U25.000***

\* significant in respective test

<sup>1</sup> Van Roeden et al. 2021 BMC Nephrology volume 22:308

<sup>2</sup> Bonkain et al. 2021 PLoS ONE 16(5): e0251793

<sup>3</sup> Fontseré et al. 2021 Nefrologia. <https://doi.org/10.1016/j.nefro.2021.02.004>



# Guidelines

- ① **Position Statement of the European Renal Best Practice (ERBP) 2010**  
„Recommendation B.3.1: The preventive use of antimicrobial locks is advocated to reduce the rate of CRBSI.”  
“(…) no benefit regarding infectious complications was observed for citrate at 4%...” “Recommendation B.3.2: In view of the potential risks of spillover of the locking solution (...) the 4% solution seems to offer at present the best benefit/risk ratio.”
- ② **Prevention of infections related to implantable ports for venous access 2012, French Society of hospital hygiene (SF2H)**  
“...taurolidine or any other compound with proven efficacy in preventing catheter-infections should be preferentially used...”
- ③ **Vascular access for haemodialysis, Clinical Practice guideline 2015, UK renal association**  
“Catheter lock solutions have been increasingly studied... Concerns have been raised about the development of antimicrobial resistance and inadvertent infusion of high concentration of citrate, only 4% citrate should be used in this setting.”
- ④ **Guideline on Hemodialysis Catheters 2018, Australian Department of Health**  
“Taurolidine: Very broad-spectrum antimicrobial activity. Decreases development of biofilm. Associated with a reduced CRBSI rate compared to heparin. May be equally effective in preventing catheter occlusion due to thrombosis as heparin.”
- ⑤ **Guideline for Infection prevention and hygiene 2019, German Society for Nephrology (DGfN)**  
“Taurolidine and gentamicin exert only antimicrobial effectiveness. Citrate solutions show ... – in higher concentrations – at least partially antimicrobial properties, which is, however, insufficient against Staph. aureus.”
- ⑥ **Standards of Practice 2021, Infusion Nurses Society (INS)**  
“Monitor sodium citrate, an anticoagulant with antimicrobial effects, for systemic anticoagulation, hypocalcemia that could produce cardiac arrest, and protein precipitate formation with concentrations greater than 12%. (III)”  
“Monitor trisodium citrate for protein precipitation, which could cause lumen occlusion. (V)”

Instructions for use:



TauroLock<sup>®</sup> HEP 500



TauroLock<sup>™</sup> UHM 25000

Further information on  
[taurolock.com](http://taurolock.com)

