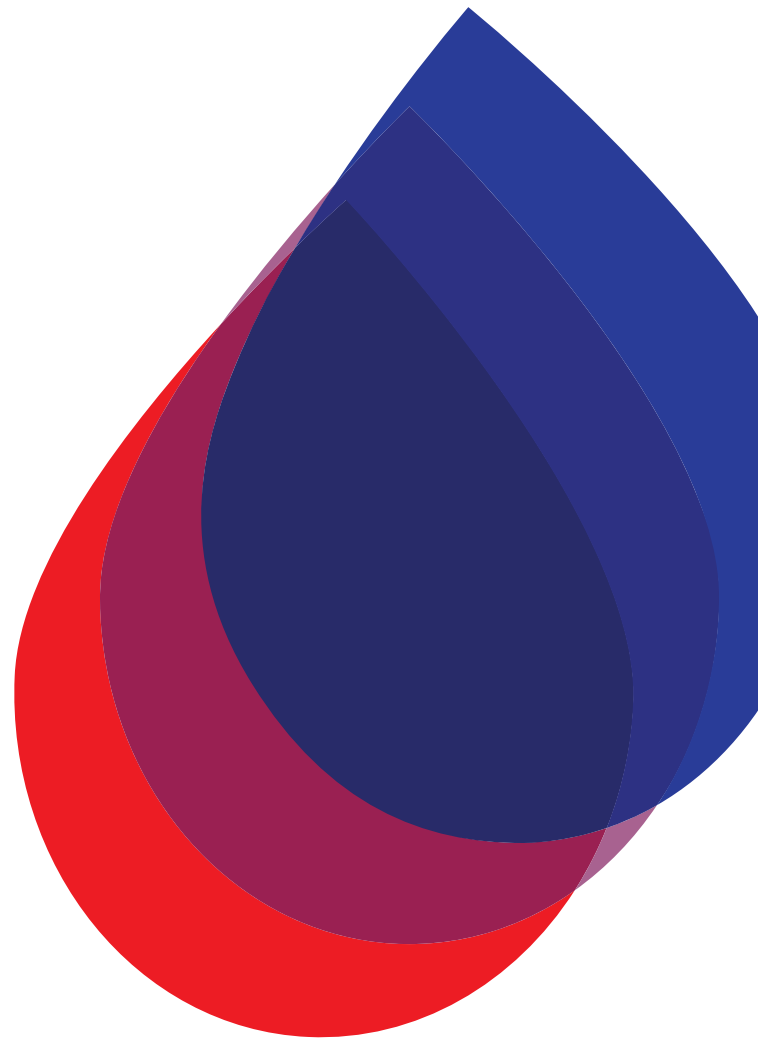


# ClearGuard<sup>®</sup> HD

Antimicrobial Barrier Caps



The Proven Solution  
for Reducing Bloodstream Infections  
in Hemodialysis Catheters

# ClearGuard<sup>®</sup> HD

Antimicrobial Barrier Caps

## Catheter Infections are Frequent, Costly & Deadly

- ◆ 30,000 bloodstream infections (BSIs) occur in dialysis patients annually in the U.S.<sup>1</sup>
- ◆ Catheters cause 70% of BSIs, yet catheters are used in only 19% of all dialysis procedures<sup>1</sup>
- ◆ Central line-associated bloodstream infections (CLABSI) are a leading cause for hospitalizations and the second leading cause of death in these patients<sup>2</sup>

## ClearGuard<sup>®</sup> HD Cap Kills Bacteria Inside the Catheter Hub

The ClearGuard HD cap is the first and only device available for sale in the US that kills infection causing bacteria inside a hemodialysis catheter hub.

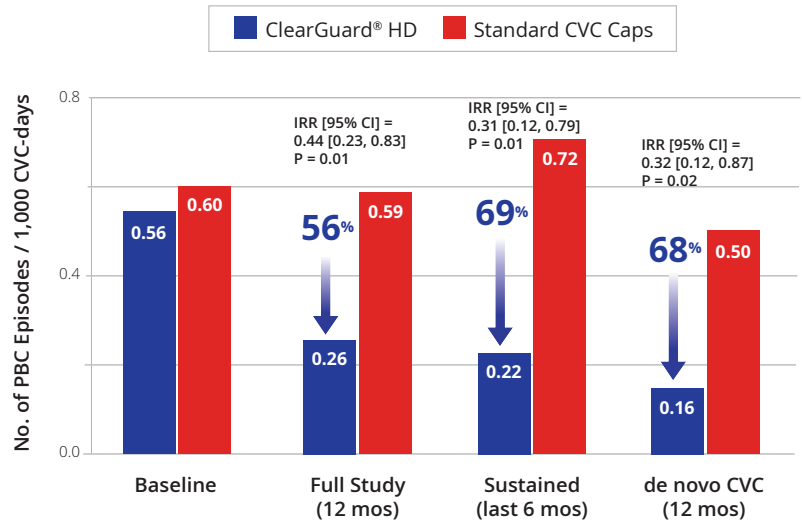
The ClearGuard HD cap features a rod that extends into the hemodialysis catheter hub. The rod and cap threads are coated with chlorhexidine, a well-known broad-spectrum antimicrobial agent.



## Clinically Proven

Multiple large, prospective, randomized, multicenter trials demonstrated the superiority of ClearGuard HD caps in reducing bloodstream infections vs. commonly used caps<sup>3-4</sup>

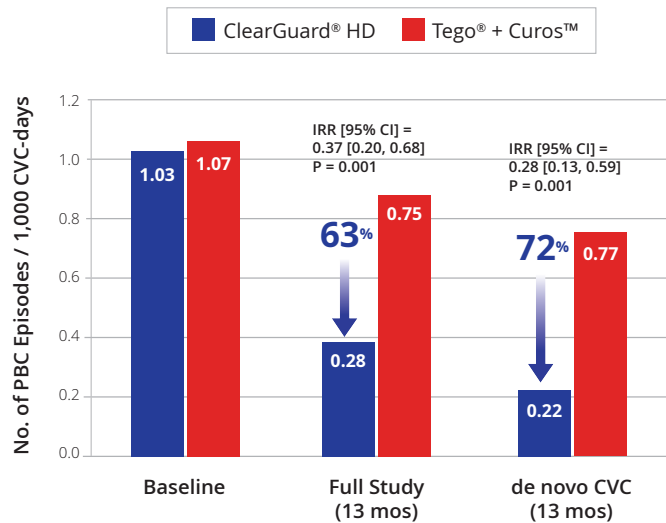
Reduces PBC  
and CLABSI by  
**~70%**



### AJKD

#### Original Investigation

- 12-month, prospective, cluster-randomized, multicenter trial
- 2,470 patients accruing 350,000 CVC-days
- 40 centers across the United States
- Received AJKD Editors' Choice Award for outstanding publication in 2017



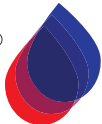
### JASN

CLINICAL RESEARCH [www.jasn.org](http://www.jasn.org)

- 13-month, prospective, cluster-randomized, multicenter trial
- 1,671 patients accruing >183,000 CVC-days
- 40 centers across the United States

# ClearGuard<sup>®</sup> HD

Antimicrobial Barrier Caps



Becker's Hospital Review 100 Infection Control Products to Know in 2019<sup>5</sup>

## Ordering Information

Model	UoM	Description
CGHD-100	Box	ClearGuard HD Antimicrobial Barrier Caps (Box contains 100 pairs of caps)
CGHD-400	Case	ClearGuard HD Antimicrobial Barrier Caps (Box contains 400 pairs of caps)

## To Order:

Email: [customerservice@pursuitvascular.com](mailto:customerservice@pursuitvascular.com)

Call: 612-424-9006 | Fax: 763-592-8202

<sup>1</sup>Nguyen, DB et al. 2017. National Healthcare safety network (NHSN) dialysis event surveillance report for 2014. Clin J Am Soc Nephrol 12, 1139-1146.

<sup>2</sup>United States Renal Data System: 2018 USRDS Annual Data Report: End-stage Renal Disease in the United States, Bethesda, MD, National Institutes of Health, National Institute of Diabetes & Digestive & Kidney Diseases.

<sup>3</sup>Brunelli, SM et al. 2018. J Am Soc Nephrol. Apr;29(4):1336-1343.

<sup>4</sup>Hymes, JL et al. 2017. Am J Kidney Dis. Feb;69(2):220-227.

<sup>5</sup>Becker's Hospital Review  
<https://www.beckershospitalreview.com/lists/100-infection-control-products-to-know-2019.html>

ClearGuard is a registered trademark of Pursuit Vascular Inc. Tego is a registered trademark of ICU Medical, Inc. Curois is a trademark of 3M. The ClearGuard HD Antimicrobial Barrier Cap has been shown to be effective at reducing microbial colonization in hemodialysis catheter hubs and to reduce the incidence of CLABSI in hemodialysis patients with catheters. See the Instructions for Use for full indications. Rx Only.



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