

# IMMEDIATE & RESIDUAL DISINFECTION

## CITROclorex 2% MD

Ready to use surface disinfectant for medical devices

Ideal for use on small medical devices such as catheters, CITROclorex 2% MD is a ready-to-use surface disinfectant based on Isopropanol and Chlorhexidine digluconate.

Available in a range of convenient formats, disinfection accuracy of even the most difficult to reach areas is assured.

It also provides:

- ▲ Broad spectrum efficacy
- ▲ Immediate and persistent action
- ▲ Ease of use



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## Why Use CITROclorex 2% MD?

### EFFICACY ASSURED

Being based on the active ingredients of 2% (w/w) chlorhexidine digluconate and 70% (v/v) isopropyl alcohol, a broad spectrum of efficacy is assured against bacteria (incl. tuberculocidal efficacy), yeast, enveloped viruses (incl. HBV, HCV and HIV acc. to RKI 01/2004) and Rota viruses.

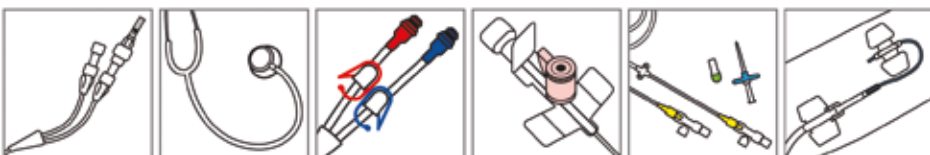
### SUSTAINED EFFECT

Additionally to its immediate antimicrobial effect, chlorhexidine digluconate provides residual disinfection activity for up to 24h.<sup>1</sup>

### TESTED AND VALIDATED

Many international guidelines confirm the use of chlorhexidine gluconate-based products for disinfection of medical devices. The table below outlines a selection of the authoritative reports published on the subject.

### RECOMMENDED AREAS OF USE



## INTERNATIONAL GUIDELINES REGARDING USE OF CHLORHEXIDINE DIGLUCONATE BASED PRODUCTS FOR DISINFECTION OF MEDICAL DEVICES

GUIDELINES	PUBLISHER/RELEASE DATE
High Impact Interventions (HII)	English Department of Health, beginning 2011. (UK) <a href="http://webarchive.nationalarchives.gov.uk/20120118164404/http://hcai.dh.gov.uk/whatooido/high-impact-interventions/">http://webarchive.nationalarchives.gov.uk/20120118164404/http://hcai.dh.gov.uk/whatooido/high-impact-interventions/</a>
Vascular Catheter Site Care: The Clinical and Economic Benefits of Chlorhexidine	Clinical Infectious Diseases 2003; 37:764-71 2003 by the Infectious Diseases Society of America. (USA)
EPIC 2	Department of Health / HPA, Pratt, Wilcox et al., JhospInf (2007), 65S. (UK)
ESPEN Guidelines on Parenteral Nutrition: Central Venous Catheters	European Society for Clinical Nutrition and Metabolism, Clinical Nutrition 28 (2009) 365-377. (IT, UK, PL)
A fall in bloodstream infections followed a change to 2% CHG in 70% IPA for catheter connection. Antisepsis: A pediatric single center before/after study on a hemopoietic stem cell transplant ward	Association for Professionals in Infection Control and Epidemiology, Inc. (APIC) in (Am J Infect Control 2009;37:626-30. (USA)

### EUROPEAN HEADQUARTERS: ECOLAB EUROPE GMBH

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### MICROBIOLOGICAL AND VIROLOGICAL TEST RESULTS

EFFICACY UNDILUTED	CONTACT TIME
Surface test with mechanical action acc. DGHM 2001 (bactericidal, yeasticidal, clean and dirty conditions)	1 min
EN 16615 (yeasticidal, bactericidal) (clean & dirty conditions)	1 min
Bactericidal efficacy acc. EN 13727 (clean + dirty conditions)	1 min
Yeasticidal efficacy acc. EN 13624 (clean + dirty conditions)	1 min
Tuberculocidal efficacy acc. EN 14348 (dirty conditions)	30 sec
Efficacy against enveloped viruses acc. DVV 2008 (incl. HBV, HCV, HIV - RKI 01/2004)	30 sec
Rota acc. EN 14476	15 sec

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# TRUSTED. RELIABLE. EFFECTIVE.

### APPLICATION AREA

CITROclorex 2% MD is a ready to use product for disinfection of medical equipment, specifically indicated for disinfection of Central Venous Catheters (CVC) and peripheral ones, such as, for example, needle-free connectors, catheter hubs, and tube portions.

### INSTRUCTIONS FOR USE

Apply the product undiluted on the surfaces to be treated and, if necessary, spread the solution rubbing with single-use sterile pad. Let it dry and do not rinse.

### INGREDIENTS

**100g of product contain (w/w):**  
*Active substances:* 2g Chlorhexidine digluconate, 62g Isopropyl Alcohol equal to 70% v/v.

### PACKAGING AND ORDERING INFORMATION

PRODUCT	OUTER SIZE	ORDER CODE
CITROclorex 2% MD Wipe	100 Wipes	XXXXXX
CITROclorex 2% MD 100ml Spray Bottle	80	XXXXXX
CITROclorex 2% MD 250ml Spray Bottle	12	XXXXXX
CITROclorex 2% MD 250ml Bottle	40	XXXXXX

### REFERENCES

1. Hong et al., Am. Journal of Infect. Control, 2013, Feb 7, DOI: 0196-6553

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