

United in care with Prontosan®

The wound bed preparation
system that helps cleanse, debride
and protect against infection.





My patients appreciate...

Reduced infection risk

Reducing infection risk is crucial for the prevention of complications and the promotion of faster wound healing.²

Fewer dressing changes

Reducing the frequency of dressing changes increases patient comfort and saves costs.^{7,8}

My hospital appreciates...

Cost savings

Cost-effective treatments are essential for healthcare systems to manage resources efficiently.



Did you know?

That treatment with **Prontosan**[®] is more cost-effective than saline alone?

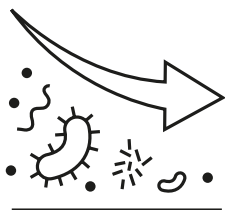
Ask us about our cost effectiveness studies.

Caring for hard-to-heal wounds

Chronic wounds are a major health care challenge – causing pain, limiting mobility and often leading to social isolation.¹ Improving patient outcomes requires effective collaboration between nurses, health care professionals, caregivers, patients and industry partners.

Together, we are united in care.

I appreciate Prontosan[®]

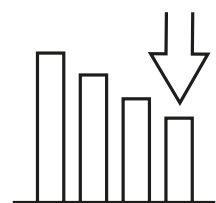


From

40% to 3%

Reduction
of infection³

Prontosan[®] helps lower the risk of infections, providing a safer healing environment for patients.³⁻⁶



55%

Reduction
in dressing
changes⁹

The use of Prontosan[®] can lead to a reduction in the frequency of dressing changes, making wound management more convenient.⁹



Up to

1,000 €

cost saving
per patient vs saline¹⁰

Prontosan[®] helps reduce overall healthcare expenses by preventing infections and shortening healing times.^{10,11}





My patients appreciate...

A quick recovery

Faster recovery times allow patients to return to their daily activities sooner, enhancing overall well-being.

Less pain & odor

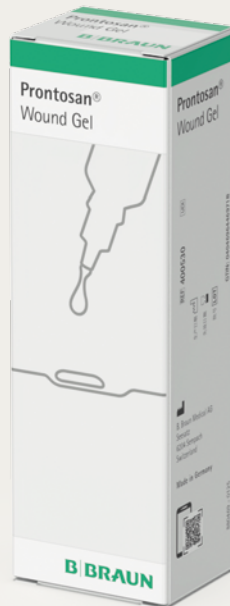
Managing pain and odor improves patient comfort and quality of life.

Clean wounds

Maintaining a clean wound is vital for preventing infections and promoting healthy tissue regeneration.



Discover what patients say about Prontosan®



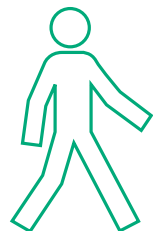
I appreciate Prontosan® for improving Patient's quality of life

Studies show that chronic wounds treated with Prontosan® heal significantly faster than with saline alone.^{4,12,13,14}

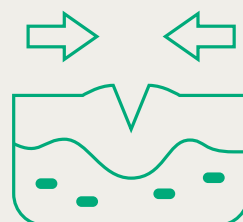


4 weeks faster mean healing time.⁴

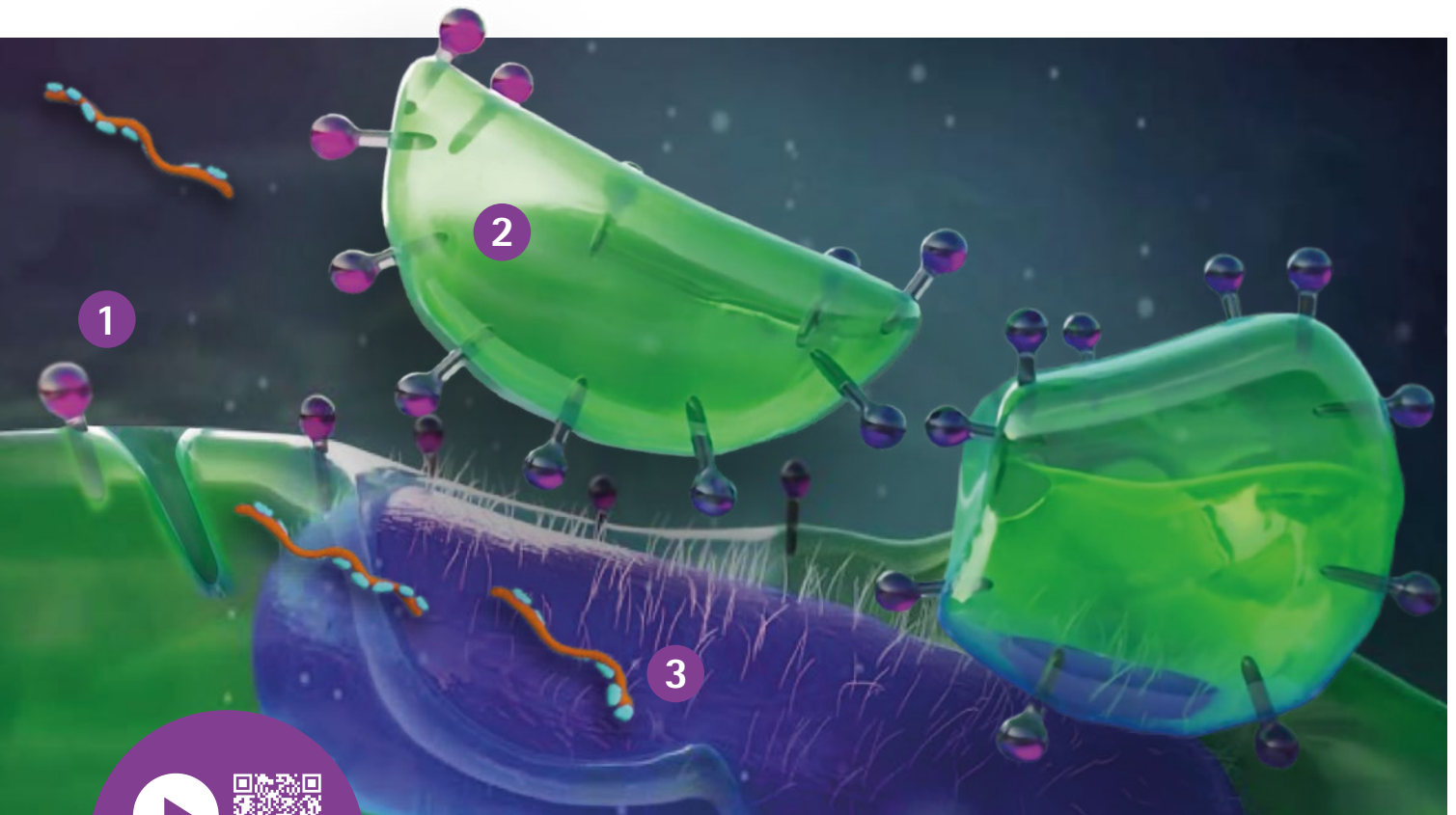
Prontosan® helps reduce wound-related pain¹⁵⁻¹⁸ and odor¹⁵, improving patient mobility and socializing.



Prontosan® improves the wound bed condition by removing debris, slough and biofilm, which is essential for healing.^{9,12,13,16,17,19}



Mode of action of Prontosan®



Learn more
here

- 1 The betaine surfactant embeds its hydrophobic tail into the biofilm.
- 2 The polar heads of betaine repel each other, disrupting the biofilm structure.
- 3 Once exposed, the polyhexanide preservative can deliver a secondary effect against bacteria.

Designed for rinsing, cleansing, moistening, and decontaminating acute or chronic wounds—infected or non-infected—with its combination of surfactant and preservative.

MDR Approved

Fulfills the strict requirements of the European Medical Device Regulation.

Safe for all ages

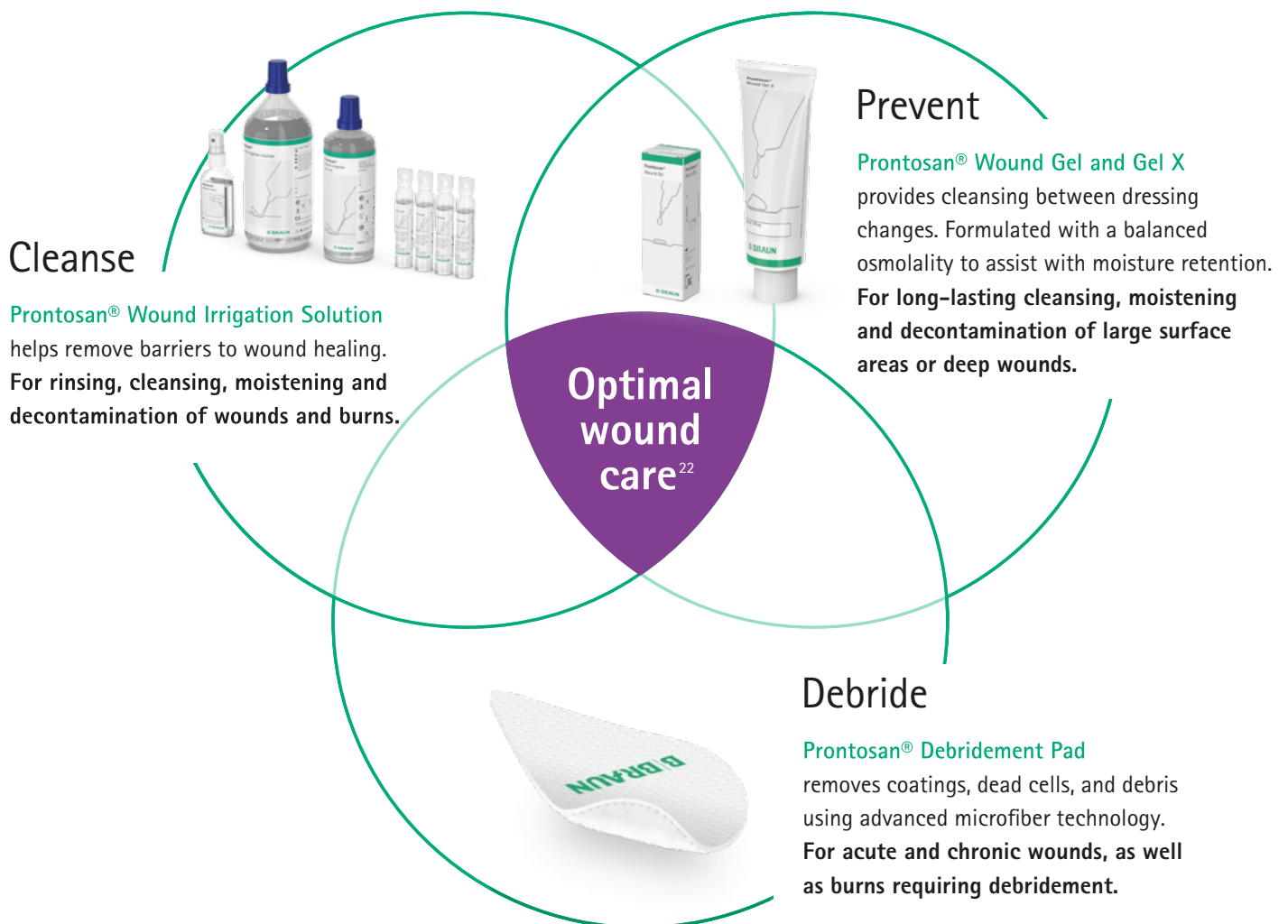
Well tolerated and safe for children and adults.

Advanced Formulation

Prontosan® is a sterile solution designed for effective wound care.

Achieve better therapeutic cleansing outcomes with the Prontosan® system

Wound bed preparation with the Prontosan System mobilizes synergistic ingredients to perform a more effective cleansing than the use of saline or water alone.^{4,12,15,20,21}



Ordering Information

PRONTOSAN® WOUND IRRIGATION SOLUTION

Product	B. Braun code	Quantity
Prontosan® Wound Irrigation Solution 40 ml	400484	24 ampoules
Prontosan® Wound Irrigation Solution 350 ml	400403	10 bottles
Prontosan® Wound Irrigation Solution 1000 ml	400446	10 bottles
Prontosan® Wound Irrigation Solution 75 ml Spray	400565	20 bottles



PRONTOSAN® DEBRIDEMENT PAD

Product	B. Braun code	Quantity
Prontosan® Debridement Pad 3 pc	3908456	Pack of 3 pads
Prontosan® Debridement Pad 10 pc	3908457	Pack of 10 pads



PRONTOSAN® WOUND GEL

Product	B. Braun code	Quantity
Prontosan® Wound Gel 30 ml	400515	20 bottles
Prontosan® Wound Gel X 50 g	400517	20 tubes
Prontosan® Wound Gel X 50 g2	400508	20 tubes



References

- Vogt TN, Koller FJ, Santos PND, Lenhani BE, Guimarães PRB, Kalinke LP. Quality of life assessment in chronic wound patients using the Wound-QoL and FLQA-Wk instruments. Invest Educ Enferm. 2020 Oct;38(3):e11. doi: 10.17533/udea.lee.v38n3e11. PMID: 33306901; PMCID: PMC7885545.
- Phillips K. Sustaining Improved Patient Outcomes in the Reduction of Wound Infections. Wounds UK; 2025.
- Möller A, Kaehn K, Nolte A. Erfahrungen mit dem Einsatz polihexanidhaltiger Wundprodukte bei der Versorgung chronischer Wunden - Ergebnisse einer systematischen retrospektiven Untersuchung an 953 Patienten [Experiences in using polyhexanide containing wound products in the management of chronic wounds - results of a methodical and retrospective analysis of 953 cases.]. Wound Management. 2008;111-7. In German.
- Andriessen AE, Eberlein T. Assessment of a wound cleansing solution in the treatment of problem wounds. Wounds. 2008;20(6):171-5.
- Ciprandi G, Ramsay S, Budkevich L, Strack A, van Capellen P, Marathovouniotis N. A retrospective systematic data review on the use of a polihexanide-containing product on burns in children. J Tissue Viability. 2018;27(4):244-8.
- Kiefer J, Harati K, Müller-Seubert W, Fischer S, Ziegler B, Behr J, Gille J, Kneser U, Lehnhardt M, Daigeler A, Dragu A. Efficacy of a Gel Containing Polihexanide and Betaine in Deep Partial and Full Thickness Burns Requiring Split-thickness Skin Grafts: A Noncomparative Clinical Study. J Burn Care Res. 2018 Aug 17;39(5):685-693.
- Solowiej K, Upton D. Painful dressing changes for chronic wounds: assessment and management. Br J Nurs. 2012 Nov 8-21;21(20):20, 22, 24-5. doi: 10.12968/bjon.2012.21.Sup20.S20. PMID: 23131913.
- Kirkcaldy AJ, Wilson M, Cooper R, Baxter SK, Campbell F. Strategies for Reducing Pain at Dressing Change in Chronic Wounds: Protocol for a Mapping Review. BMJ Open; 2023.
- Atkin L, et al. Wound bed preparation: a case series using polyhexanide and betaine solution and gel-a UK perspective. J Wound Care. 2020 Jul 2;29(7):380-386.
- Cooper DM, Bojke C, Ghosh P. Cost-Effectiveness of PHMB & betaine wound bed preparation compared with standard care in venous leg ulcers: A cost-utility analysis in the United Kingdom. J Tissue Viability. 2023 May;32(2):262-269.
- Gansen F, Hepworth C, Richardson S, Rice C, Davidson J, Frei T, Barth C. Polihexanide and Betaine (PSGX) Containing Solution Versus Saline for the Treatment of Leg Ulcers: A Comparative Cost Analysis Using Real-World Data From England. Value in Health (2024) 27:12 Supplement (S63-S64). Date of Publication: 1 Dec 2024, ISPOR.
- Bellingeri A, Falciani F, Traspadini P, Moscatelli A, Russo A, Tino G, Chiari P, Peghetti A. Effect of a wound cleansing solution on wound bed preparation and inflammation in chronic wounds: a single-blind RCT. J Wound Care. 2016 Mar;25(3):160, 162-6, 168.
- Eberlein T. Expert assessment: Expert assessment on the benefits of systematic application of Prontosan® solution in wound treatment with particular focus on cost-efficiency when compared to current standard treatment (saline/Ringer). 2006.
- Valenzuela AR, Peruchio NS. The effectiveness of a 0.1% polyhexanide gel. Rev Enferm. 2008;31(4):7-12.
- Romanelli M, Dini V, Barbanera S, Bertone MS. Evaluation of the efficacy and tolerability of a solution containing propyl betaine and polihexanide for wound irrigation. Skin Pharmacol Physiol. 2010;23 Suppl:41-4. doi: 10.1159/000318266. Epub 2010 Sep 8.
- Durante CM, Greco A, Sidoli O, Maino C, Gallarini A, Ciprandi G. Evaluation of the effectiveness of a polyhexanide and propyl betaine-based gel in the treatment of chronic wounds. Minerva Chir. 2014 Oct;69(5):283-92.
- Kirkcaldy AJ. Prontosan wound irrigation and gel: management of chronic wounds. Br J Nurs. 2006 Dec 14-2007 Jan 10;15(22):1222, 1224-8.
- Ricci E. Cleansing versus tailored deep debridement, a fresh approach to wound cleansing: an Italian experience. J Wound Care. 2018 Aug 2;27(8):512-518.
- Bradbury S, Fletcher J. Prontosan made easy. Wounds international. 2011;2(2):1-6.
- Oropallo A, Rao, A. S., Del Pin, C., Ranire-Maguire, M., & Mathew, A. (2024). An objective comparative study of non-surgical cleansing techniques and cleanser types in bacterial burden management. International wound journal, 21(2), e14730.
- Davis SC, Harding A, Gil J, Parajon F, Valdes J, Solis M, Higa A. Effectiveness of a polyhexanide irrigation solution on methicillin-resistant Staphylococcus aureus biofilms in a porcine wound model. Int Wound J. 2017;14(6):937-44.
- International Wound Infection Institute (IWII) Therapeutic wound and skin cleansing: Clinical evidence and recommendations. Wounds International 2025.