Prontosan® Wound Irrigation Solution and Gel
with Polyhexanide (PHMB) and Betaine (surfactant)

Applications in Use

B | BRAUN

SHARING EXPERTISE

Introduction

Presenting a new approach for patients who suffer from chronic wounds, B. Braun now offers Prontosan® Wound Irrigation Solution and Gel with Polyhexanide (PHMB) and Betaine (surfacant). Prontosan is designed to reduce necrotic burden, control exudate and remove foreign material from all acute and chronic wounds in an efficient and effective way.

Prontosan's special formulation aids in the thorough removal of dirt and debris from chronic wounds, skin ulcers and abrasions, even when surfaces are difficult to access (i.e. skin folds, fissures and wound pockets), and can be used to cleanse and soften encrusted wound coatings.

Additional features include:
- 28-day shelf life after opening
- No refrigeration required
- Ready-to-use (no further preparation required)
- Clear and odorless solution/gel

This booklet contains examples of a variety of wound applications.

For more information about Prontosan Wound Irrigation Solution and Gel, contact Customer Support at **1–800–227–2862** in the U.S. and **1–800–624–2920** in Canada.

Visit our website at www.prontosan.bbraunusa.com
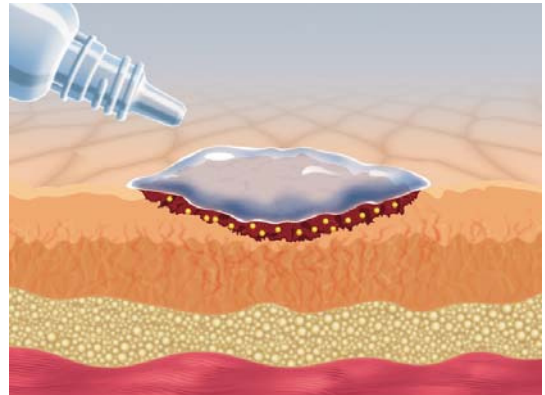
B. Braun Medical Inc.

Prontosan® Wound Irrigation Solution and Gel
with Polyhexanide (PHMB) and Betaine (surfactant)

- Aids in the thorough removal of dirt and debris from acute and chronic wounds, skin ulcers and abrasions, even when surfaces are difficult to access.

- Apply during dressing changes to loosen encrusted dressings and cleanse wound bed.

- Swabs or compresses can be saturated with Prontosan Wound Irrigation Solution and applied to wounds.

- Has a shelf life of 28 days after opening; no refrigeration needed.

- Easy-to-use — no further preparation is required.

- By squeezing the 350mL container, Prontosan Wound Irrigation Solution can be applied directly to wound with a 7 PSI.

- Product containers do not contain PVC, DEHP, or natural rubber latex.

- Prontosan Wound Gel should not be used if there is a history of allergy to any of the ingredients.

- Do not use in the presence of hyaline cartilage.

- Do not use in combination with anionic tensides, as these may impair preservation.

- Mixing Prontosan Wound Gel with other wound cleansing soaps, ointments, oils, or enzymes may lower efficacy. When such substances need to be removed from a wound, ensure the entire wound area is thoroughly rinsed with a cleansing solution such as Pronotsan Wound Irrigation Solution.

- For external use only on skin wounds.

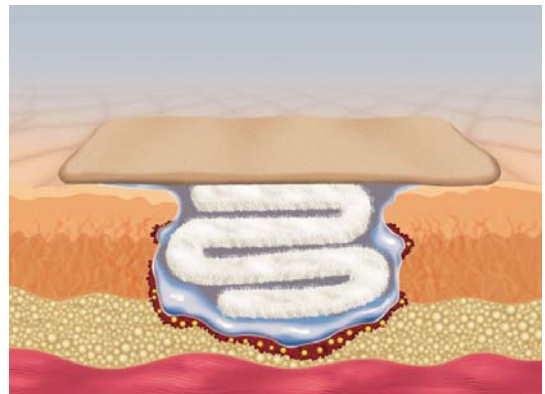- Do not use for infusion or injection.

- Do not ingest.

Prontosan® Wound Gel Preparation and Application

- For flat wounds, apply Prontosan Wound Gel directly from the 30mL bottle onto the wound, creating a coating that is at least one-eighth of an inch to a quarter of an inch thick.
- Cover with a secondary dressing.

Prontosan Wound Gel in shallow wounds

- For application in deep wound cavities or fissures, the encrusted coatings are also covered with at least one-eighth of an inch to a quarter of an inch of Prontosan Gel.
- Pack the wound without applying pressure and cover with a secondary dressing.

Prontosan Wound Gel in deep wounds

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

Gender	Female
Age of patient (year of birth)	1925
Wound type	Leg ulcer
Location of wound	External left leg
Age of wound	3 years
Dressing change frequency	3 times weekly

1. August 7, 2006
Wound edges are epithelialised but wound surface is sloughy and fibrin coating is hard to remove.

2. August 7, 2006
Gauzes soaked in Prontosan Wound Irrigation Solution have been left on the wound for 10 minutes.

3. August 7, 2006
Remarkably cleaner wound surface after 10 minutes.

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

Gender   Female

Age of patient (year of birth)   1970

Wound type   Second degree burn

Location of wound   Face and breast

Age of wound   4 days

Dressing change frequency   Twice daily

1. June 9, 2006
Encrusted burn wound.

2. June 9, 2006
Application of Prontosan Wound Gel on facial burn.

3. June 9, 2006
Application of Prontosan Wound Gel on chest.

4. June 12, 2006
No need for secondary dressings.

5. June 16, 2006
Application completed.

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

Gender	Male
Age of patient (year of birth)	1968
Wound type	Second degree burn after gasoline explosion
Location of wound	Face
Age of wound	5 days
Dressing change frequency	3 times daily

1. June 9, 2006
Application of Prontosan Wound Gel three times daily.

2. June 13, 2006
Continuing application.

3. June 16, 2006
Application completed.

Prontosan® Wound Irrigation Solution and Gel
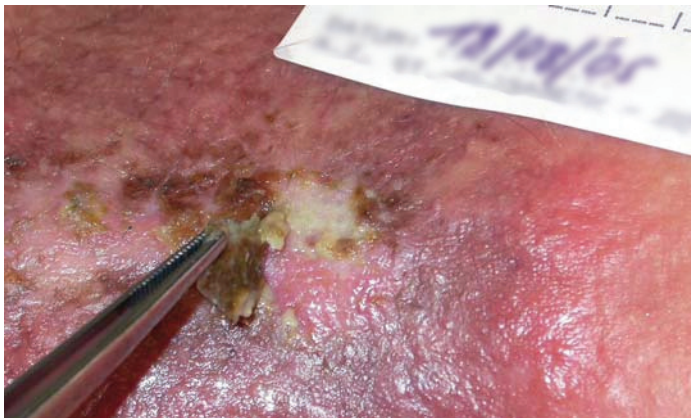
Applications in Use

Gender	Female
Age of patient (year of birth)	1931
Wound type	Leg ulcer
Location of wound	Leg
Age of wound	3 years
Dressing change frequency	Once daily

1. August 18, 2006
Encrusted wound.

2. August 18, 2006
Prontosan Wound Irrigation Solution applied to gauze.

3. August 18, 2006
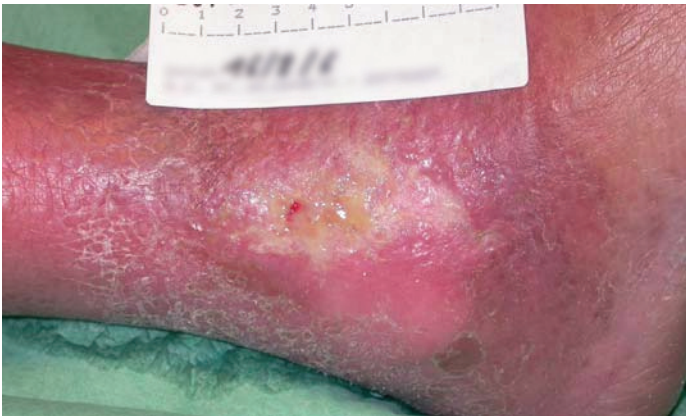Removal of wound crust after 10 minutes.

4. August 18, 2006
Initial 10 minute application completed.

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

Gender	Male
Age of patient (year of birth)	1914
Wound type	Leg ulcer
Location of wound	Right leg
Age of wound	3 months
Dressing change frequency	Once daily

1. August 16, 2006

Wound prior to cleansing with Prontosan Wound Irrigation Solution.

2. August 16, 2006

Wound after initial cleansing completed with Prontosan Wound Irrigation Solution.

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

Gender	Male
Age of patient (year of birth)	1927
Wound type	Post surgical wound
Location of wound	Right lower leg amputation wound
Age of wound	56 days
Dressing change frequency	Twice daily

1. September 29, 2006

Start Prontosan Wound Irrigation Solution two times a day (moisturize compress, Prontosan Wound Irrigation Solution. Remains in place until next bandage change).

2. October 3, 2006

Continued application with Prontosan Wound Irrigation Solution.

3. October 11, 2006

Start V.A.C. therapy.

4. October 16, 2006

Further V.A.C. therapy; stop Prontosan Wound Irrigation Solution.

5. October 18, 2006

Further V.A.C. therapy.

6. October 23, 2006

Further V.A.C. therapy.

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

Gender	Female
Age of patient (year of birth)	1935
Wound type	Leg ulcer
Location of wound	Right lower leg
Age of wound	16 days

1. January 9, 2006
Initial presentation before cleansing and
moistening of wound.

2. January 9, 2006
Before cleansing and moistening of wound.

3. January 11, 2006
Cleansing and moistening of wound with
Prontosan Wound Irrigation Solution.

4. January 13, 2006
After cleansing.

5. January 16, 2006
After cleansing.

6. February 3, 2006
After cleansing and moistening the wound
with Prontosan Wound Irrigation Solution.

Prontosan® Wound Irrigation Solution and Gel
Applications in Use

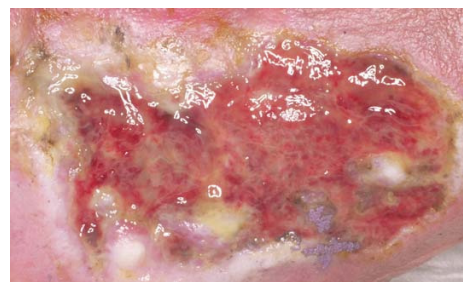|	
Gender	Male
Age of patient (year of birth)	1934
Wound type	Leg ulcer
Location of wound	Left lower leg
Age of wound	5 months

1. April 26, 2006
Initial presentation: before cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
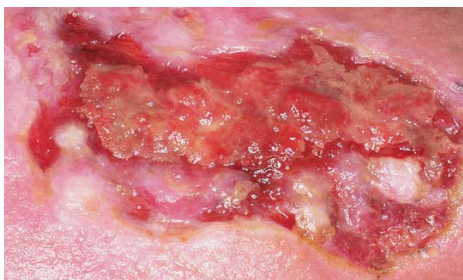

2. April 26, 2006
Initial presentation: before cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
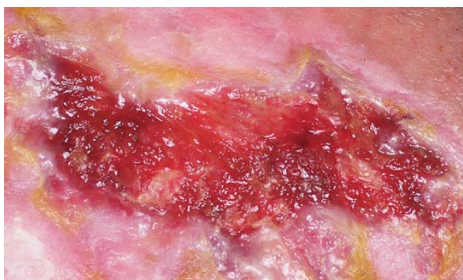

3. April 30, 2006
Before cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.

4. May 10, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
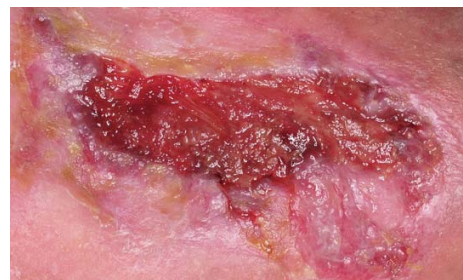
Surface 1193 mm^3. F: 39%. G: 81%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

5. May 26, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.

Surface 808 mm^3. F: 10%. G: 90%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

6. June 7, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.

Surface 619 mm^3. F: 2%. G: 98%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

Prontosan® Wound Irrigation Solution and Gel

Applications in Use

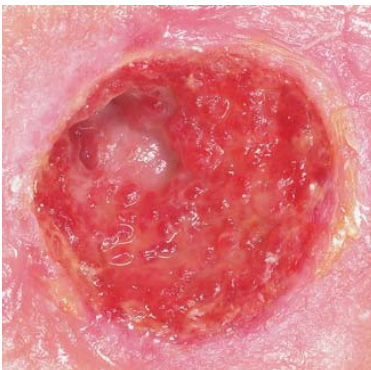|	
Gender	Female
Age of patient (year of birth)	1924
Wound type	Wound breakdown after fall
Location of wound	Left lower leg, distally
Age of wound	4 weeks

1. May 2, 2006

Initial presentation: before cleansing and moistening of the wound.

2. May 2, 2006

After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
Surface 464 mm^3. F: 71%. G: 28%. N: 1%

F: Fibrin coating / G: Granulation / N: Necrosis

3. May 8, 2006

After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
Surface 451 mm^3. F: 66%. G: 34%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

4. May 15, 2006

After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
Surface 276 mm^3. F: 28%. G: 72%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

5. June 1, 2006

After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
Surface 107 mm^3. F: 38%. G: 62%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

6. July 6, 2006

After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.
No further measurement possible.

Prontosan® Wound Irrigation Solution and Gel
Applications in Use

Gender	Male
Age of patient (year of birth)	1968
Wound type	Leg ulcer
Location of wound	3 wound sites right leg
Age of wound	3 years

1. July 10, 2006
After initial cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.

2. July 10, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution. Surface 91 mm³. F: 69%. G: 31%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

3. July 17, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.

4. July 17, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution. Surface 36 mm³. F: 61%. G: 39%. N: 0%

F: Fibrin coating / G: Granulation / N: Necrosis

5. July 24, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution.

6. July 24, 2006
After cleansing and moistening of the wound with Prontosan Wound Irrigation Solution. No further measurement possible.

Schedule a demo today.
Call your B. Braun Representative
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