

Sterile bandage coated with purified activated carbon



N **NANOLOGIX**

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The products are produced from virtually pure carbon microfiber at high temperatures. The use of carbon in medicine has been known for a long time, but the products of ACB VALE s.r.o. are among the few products that can be used directly in the wounds, thus increasing the excellent effects of carbon to the maximum. The special bearing layer PoP/Vi guarantees.

Our product guarantees good absorption of the wound's secretion, but also provides a suitable humid wound microclimate mechanism.

The production procedures are protected as models and designs in the Czech Republic. The company's products are certified by ITC and registered by FDA (U.S.A.). The products are tested in many countries.

Examples of suitable areas of application:

- Surgery
- Dermatology
- Dentistry
- Gynecology
- Orthopedic surgery
- Some areas of internal medicine
- Surface oncology
- Protection against some poisons and gases

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Specific examples of application:

- Significant deodorant effect
- Fast wound cleaning
- Treatment of wounds that do not heal (varicose ulcers, decubitus, wounds with bacterial risk...)
- Treatment after surgical procedures
- Fast suppression of bleeding
- Removal or restriction of poison spread

All products are based on hydrate-cellulose fiber carbonized at high temperature. The fiber itself, tens of μ thick, is joined into threads with very high absorption, which is about 36 times higher than in similar products, while toxicity remains zero. It maintains its properties even when sterility is breached.

- Most applications are very simple, easy for professionals as well as ordinary users
- Very quick onset of effects
- Excellent tolerance
- Excellent results in patients with diabetes mellitus

Application on wounds that do not heal:

- When the product is taken out of the sterile pack and moistened with sterile water, it is applied on the wound with the black absorptive material in contact and dressed. The dressing is replaced first after about 6 hours, then after 12 hours and then as needed after 24-48 hours until full healing.

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Application to stop bleeding:

- When the product is taken out of the sterile pack, it is applied on the bleeding wound and pressed firmly for at least 15 seconds. Normal procedure follows, with no further treatment of smaller wounds.

Protection against inhaling poisons and gases:

- It is necessary to breath through the black absorptive material or a mask (protection about 8-10 minutes)
- The black absorptive material is swallowed.

At present produces and supplies a civil version of **Tecasorb Bandage** 10x12cm, packs with 10 pcs. Supply of dimensions 5x5cm and 5x10cm possible.

Military forces can be supplied with a version for treating bullet wounds in several designs with the dimensions 3m x 10cm x 9cm, in awatertight pack with many modifications and extended durability. Reg. tr.



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Examples of use:

1. Old decubitus joined up in 68 days



2. Open wound healed in 54 days



3. Ulcus cruris healed in 84 days



4. Decubitus healed in 54 days



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Examples of use:

5. Lichen sclerosus healed in 77 days



Suitable use of compression
dressing compression dressing
Tecasorb - both-sided bullet wound.



Suitable use of Tecasorb- one-
sided bullet wound



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Examples of use:

Ulcus cruris venosum



starting treatment



after 20 dressing changes

Diabetická ulcerace



starting treatment



after 23 dressing changes

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Examples of use:



Starting

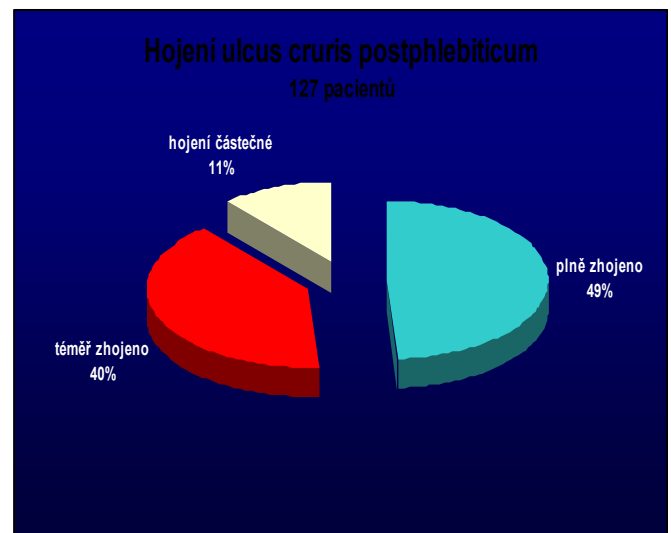
treatment after 24 hours

after 48 hours

after 72 hours

Ulcus cruris varicose ulcer

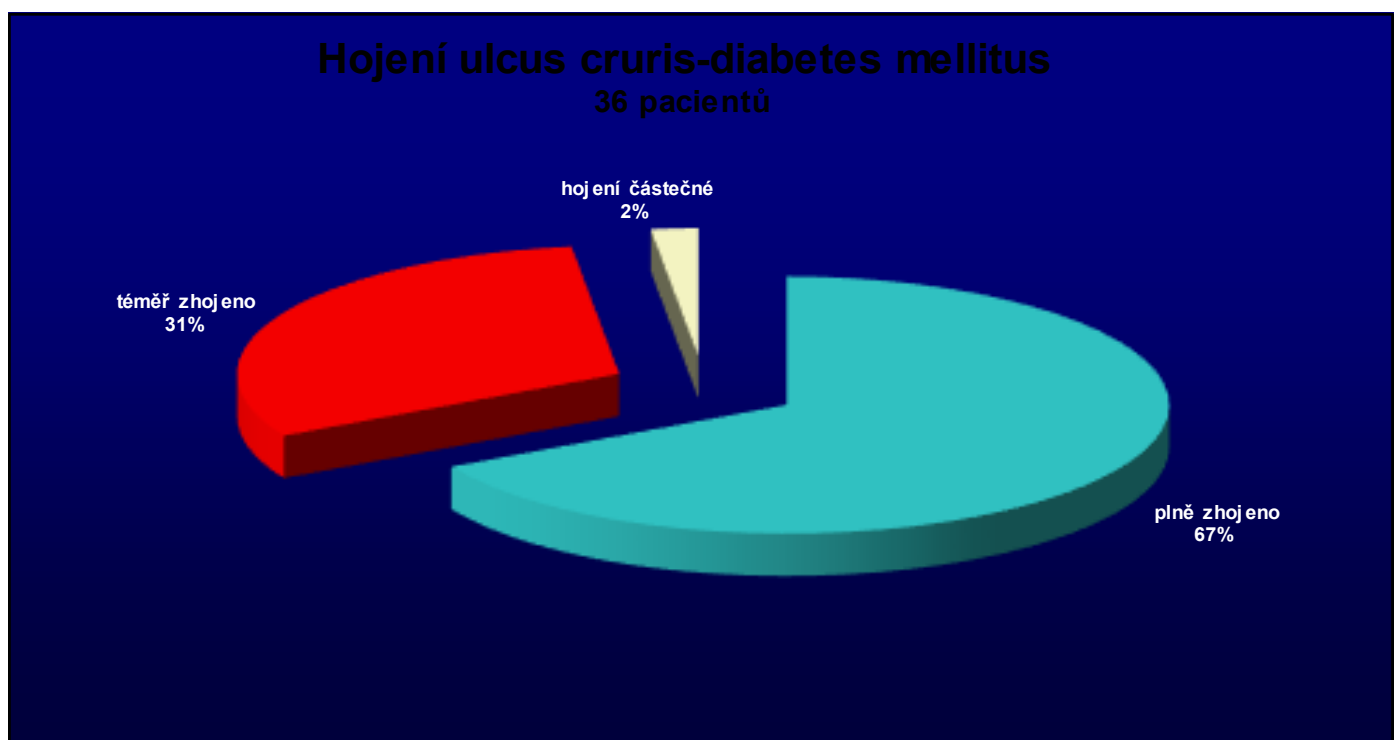
- 138 patients
- 89 males + 49 females
- Average age 77.4
- Average treatment time 81 days
- Most frequent use in the treatment of wounds that do not heal or heal very slowly



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Ulcus cruris during diabetes mellitus

- 36 patients
- 21 males + 15 females
- Average age 56.3
- Average treatment time 62 days
- Very good results in the very complicated process of treatment of wounds in patients with diabetes mellitus.



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Pyodermis

- 28 patients
- 16 males + 12 females
- Average age 44.8
- Average treatment time 61 days
- Extremely good and fast treatment of pyodermis caused by streptococci and staphylococci (furuncles, erysipelas, impetigo etc.)

