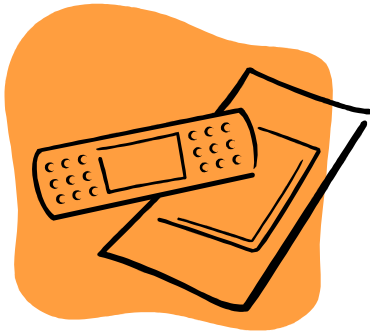


What is the Product Curad® Silver Bandages



What's nano about it?

- Curad® uses silver nanoparticles woven into threads that are placed within the bandage's central pad.

How does it work?

- Silver (Ag) is a natural antimicrobial agent.
- The silver must be in contact with the cut or burn to work effectively.
- No antimicrobial ointment should be used as it will interfere with the silver's antimicrobial properties.
- Silver interferes with bacterial growth by disrupting the cell membrane, binding to the DNA of cells, and blocking the metabolism of the bacteria.
- Because silver uses multiple means to fight the bacteria, it is difficult for the bacteria to become resistant

Does it have other applications?

- Silver wound dressing are used in hospitals for patients with burns and infections that resist treatment
- The military uses silver wound dressings on soldiers injured in combat and who are far from medical facilities.

Price

- Curad® silver bandages come in a variety of sizes but a basic box costs approximately \$3.50.

Glossary

- Antimicrobial: is a substance that kills or inhibits the growth of microbes including bacteria, viruses, and fungi. Translucent: Materials that allow light to pass through them only diffusely, and cannot be clearly seen through.
- Metabolism: The basic life processes or chemical reactions that occur within living cells.

This information came from:

[Http://www.curad.com](http://www.curad.com)

<http://www.wounds1.com/news/mainstory.cfm/49/1>

Definitions came from:

<http://en.wikipedia.org/wiki/Main.page>



www.NNIN.org