

MINDFOOD

Thursday 10 Jul 2008

[Select Your Location: International](#)

[MEMBERS / JOIN](#)

[SEARCH](#)

[TELL A FRIEND](#)

[GET IN TOUCH](#)

Sign in

[GO ▶](#)

[JOIN UP NOW](#)

- [Home](#)
- [About MindFood](#)
- [add to favourites](#)
- [MAGAZINE](#)
- |
- [TV](#)
- |
- [PODCAST](#)
- |
- [GALLERY](#)
- |
- [NEWSLETTER](#)
- |
- [BLOGS](#)
- |
- [PUZZLES](#)
- |
- [COMPETITIONS](#)
- |
- [SUBSCRIBE](#)
- |
- [ABOUT MINDFOOD](#)

[HEALTH](#)
[FOOD](#)
[TRAVEL](#)
[SOCIETY](#)
[ENVIRONMENT](#)
[CULTURE](#)
[NEWS](#)
[SHOPPING](#)
[BEAUTY](#)
[FASHION](#)
[DESIGN](#)

[Health > Science](#)



SHOWING IMAGE: [1](#)

Honey eliminates stubborn skin microbes

[font size](#)

[font size](#)

[print](#)

[email](#)

[digg](#)

Honey eliminates stubborn skin microbes

Medical grade honey may be used to prevent or treat infections of skin, burns, catheters and other skin-penetrating medical devices

BY David Douglas | Jun 16, 2008

Medical grade honey kills antibiotic-resistant bacteria grown in the test tube and eradicates antibiotic-resistant bacteria

"colonies" on the skin of healthy volunteers, Dutch researchers report.

Given these findings, senior investigator Dr Sebastian A.J. Zaat said, "Medical grade honey might be used to prevent or treat infections of skin, burns, catheters and other skin-penetrating medical devices."

Few new antibiotics are being developed and the frequency of antibiotic-resistant bacteria is increasing, Zaat and Dr Paulus H. S. Kwakman of Academic Medical Center, Amsterdam, and other colleagues, note in the medical journal *Clinical Infectious Diseases*.

Honey, they point out, has been used since ancient times to successfully treat infected wounds. Moreover, there have been no reports of antibiotic resistance to honey.

However, large variation in the antibacterial property of various honeys has hampered current medical acceptance.

To investigate further, the researchers tested the antibacterial activity of the medical grade honey called Revamil (Bfactory), which is produced in greenhouses under standardised conditions.

They found that antibiotic-susceptible and antibiotic-resistant isolates of several common bacteria, including *Staphylococcus aureus* and *E. coli*, were killed within 24 hours after incubation with the honey.

They also found that the honey decreases the ability of these microbes to "colonise" the skin of healthy volunteers.

After applying honey for 48 hours to "bacteria-laden" patches of forearm skin, the extent of skin colonisation was reduced 100-fold.

Moreover, 81 per cent of the honey-treated skin patches yielded negative skin culture results compared to 21 per cent of control patches.

Following these encouraging results, continued Zaat, "We are presently investigating whether honey can be used to prevent line sepsis in intensive care patients. This potentially life - threatening infection is often caused by bacteria from the skin, which can be eradicated with honey."

Reuters

MiNDFOOD © 2008

[Cultural Calendar](#) | [Beijing Olympics 2008](#) | [Latest Fashion Trends](#)

MAKE A COMMENT

Premium Economy.

- Widescreen 8.4 inch in-arm digital touch screen

That's the Spirit
qantas.co.nz



RELATED ARTICLE



[Mind Body & Soul](#)

Aromatherapy's wonderful fragrances can be antibacterial and mood enhancing.

[more](#)



[Mind Body & Soul](#)

Ayurveda combines meditation, massage and detoxification to restore balance to mind, body and soul.

[more](#)

SMART THINKERS' THOUGHTS

BLOG

[Sex Matters](#)

Join the journey where you'll learn to ride the wild peaks of sex and luxuriate in its valleys.

[more](#)

[Wine](#)

Risks need to be taken to make great wine, sometimes too just to taste it.

[more](#)



Health | Mind - Body - Soul - Spirituality - News & Views

[Privacy Policy](#)
[Web](#)

MiNDFOOD - exploring a unique perspective on the latest breaking news, articles and media for Smart Thinkers - news, society, health and wellness, environment, culture, travel and food, shopping, lifestyle and much more.

The team at MiNDFOOD continuously searches the world to bring you exceptional, unusual and outstanding news, in depth articles, opinions, interviews, media, videos and podcasts from the famous and even the infamous. Discover unique insights into relationships and family in the twenty first century, understand the issues surrounding ageing and longevity, learn how to achieve work-life balance or browse the latest beauty tips.

MiNDFOOD - Smart Thinking...for the latest news, articles and media, subscribe today!

[Policy](#) | [CONTACT US](#) | [Site Map](#) | [About MiNDFOOD](#) | [ADVERTISE WITH US](#)
MiNDFOOD - Smart Thinking - [Latest News Articles & Media for Smart Thinkers](#)

[Health Articles](#) - [Food Recipes](#) - [Travel Guide & Tips](#) - [Society News](#) - [Environment & Climate Change](#) - [Culture Stories](#)
- [News Articles](#) - [Online Shopping](#) - [Beauty & Skincare](#) - [Fashion Trends](#) - [Design & Styles](#)



Quote of the Day

"Fortune favours the brave."

- VIRGIL

Today's Brain Teaser

WHICH IS THE NAME OF A SECTION OF A STADIUM SET UP FOR THE MEDIA?

- Paper zone
- News cupboard
- Press box
- TV room

SUBMIT ANSWER!

Fashion Gallery



Highlights from the Paris Haute Couture Autumn/Winter 08/09 shows.

Daily Recipe



Homemade pizza with pancetta, mozzarella and baby rocket leaves.

Wines of the Week



Seven top wines from MiNDFOOD Wine Editor Joelle Thomson's weekly tastings.

Weather Forecast

Sydney, NSW [Change area](#)



Thursday
16
Clear

4 DAY FORECAST

