

Recent Study Suggests Diet and Urine Affect UTI Susceptibility

Melissa Scott March 25, 2019



D-mannose is a natural remedy believed widely to be helpful in reducing the risk of urinary tract infections.

(Newswire.net -- March 25, 2019) Orlando, FL -- Researchers have been conducting studies to investigate more about urinary tract infections. In a new research, it appears that some factors are indicative of this infection.

According to scientists, the acidity of urine and even some small molecules related to diet may have influence in the manner bacteria grow in the urinary tract. This study may be useful in the treatment of one of the most common bacterial infections worldwide.

The study was published in The Journal of Biological Chemistry. Conducted by the scientists from Washington University School of Medicine in St. Louis, this study tried to see exactly how the human body fights bacterial infection.

It is worth mentioning that UTIs are normally caused by the E.coli bacteria. Physicians often prescribe antibiotics to kill the microbes. However, researchers are looking for safer alternatives due to the increasing bacterial resistance of these medications.

Senior author Jeffrey P. Henderson, MD, PhD, assistant professor of medicine, said that many health care providers can tell they have patients who are specifically susceptible to urinary tract infections.

The research team also includes first author Robin R. Shields-Cutler, a graduate student in Henderson's lab.

They cultured E.coli obtained from urine samples taken from healthy volunteers. The researchers noted major differences in the extent of the individual urine samples to harness a key immune protein to limit bacterial growth.

Researchers found that urine samples that were able to prevent bacterial growth offered more support to the key protein, than the samples that easily allowed bacterial growth. It is worth mentioning that this protein is produced naturally by the body as a response to infection.

According to the investigators, this is the protein called siderocalin. In past research studies, the scientists found that such a protein aided in fighting infection due to its ability to deprive bacteria of iron. It is important to understand that this mineral called iron is needed for bacterial growth.

Antibiotics have been helpful, but it can't be denied that in the past decades resistance to bacterial infections in these pharmaceutical drugs has increased.

D-mannose is a natural remedy believed widely to be helpful in reducing the risk of urinary tract infections. It can be obtained from cranberry, and is believed to be the reason why cranberry juice is popular among UTI sufferers.

Researchers have revealed that D-mannose works by halting E.coli UTI-causing bacteria from sticking to the cells lining the urinary tract. It works naturally and this means it doesn't cause side effects.

Divine Bounty D-mannose may be a helpful formula. It is made in an FDA-inspected facility and is highly potent. It could be an excellent formula to use in avoiding antibiotic side effects (<https://www.amazon.com/D-Mannose-600mg-Cranberry-Dandelion-Extract/dp/B01LX5KGF0>).

About Divine Bounty

Divine Bounty is a family-owned brand that manufactures high-quality turmeric curcumin supplements. Passionate about the potential health benefits of turmeric, the team behind Divine Bounty have carefully researched and sourced

only the best ingredients to create the ideal blend of turmeric curcumin. More details are available at <http://www.DivineBounty.com>.

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Source: <http://newswire.net/newsroom/pr/00108512-recent-study-suggests-diet-and-urine-affect-uti-susceptibility.html>