

Summer Burns

But they that wait upon the LORD shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint. (KJV)

Isaiah 40:31

And we know that God causes everything to work together for the good of those who love God and are called according to his purpose for them. (NLT)

Romans 8:28



When thinking about protecting the kids while swimming, most parents think about using life jackets, swimming lessons, and childproofing their pool. Many overlook the fact that kids can get sick from the germs in the water of pools, lakes, and water parks. Taking some simple steps can help keep your kids -- and everyone else -- safe while swimming.

Healthy Swimming

One danger when swimming is that water can be contaminated with germs that can cause recreational water illnesses (RWIs), including:

- 4 Diarrhea, which can be caused by swallowing water contaminated with parasites, bacteria, and viruses, including *Cryptosporidium*, *Giardia*, *Salmonella*, *Shigella*, *Norovirus*, or even *E.coli* 0157:H7. These germs can get in the water when someone with an infection has a stooling accident in their diaper or in the water, has some of the germs or feces on their bottom, or the water is contaminated with sewage.
- 4 *Molluscum contagiosum*, a rash similar to a wart which is caused by a poxvirus. Although it may not be spread in swimming pool water, it can likely be spread by sharing swimming pool towels and toys with a child who has molluscum.
- 4 Hepatitis A, a viral infection that affects the liver, causing jaundice, abdominal pain, fatigue, nausea, and fever. Although often associated with contaminated food, it is also possible to less commonly get hepatitis A from contaminated water.
- 4 *Naegleria*, a rare, although extremely serious, and often fatal infection caused by the *Naegleria fowleri* amoeba that is sometimes found in warm freshwater ponds and lakes.

Doesn't chlorine kill all of these germs in the water?

Chlorine does kill most of these germs, but it can take up to an hour for the chlorine in a properly maintained pool to work. That means that if a child has diarrhea and gets in the pool and your child gets in right after him, that may not be enough time for the chlorine in the pool to kill any germs from the sick child. And unfortunately, it can take almost a week for chlorine to kill the *Cryptosporidium* parasite.

http://pediatrics.about.com/od/summersafety/a/0508_swimming.htm





For the revelation awaits an appointed time; it speaks of the end and will not prove false. Though it linger, wait for it; it will certainly come and will not delay. Habbakuk 2:1



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FDA Clears Rapid Test for Avian Influenza A Virus in Humans

The U.S. Food and Drug Administration today cleared for marketing a new, more rapid test for the detection of influenza A/H5N1, a disease-causing subtype of the avian influenza A virus that can infect humans.

The test, called AVantage A/H5N1 Flu Test, detects influenza A/H5N1 in throat or nose swabs collected from patients who have flu-like symptoms. The test identifies in less than 40 minutes a specific protein (NS1) that indicates the presence of the influenza A/H5N1 virus subtype. Previous tests cleared by the FDA to detect this influenza A virus subtype can take three or four hours to produce results.

"This test is an important tool to help quickly identify emerging influenza A/H5N1 infections and reduce exposure to large populations," said Daniel G. Schultz, M.D., director of the FDA's Center for Devices and Radiological Health. "The clearance of this test represents a major step toward protecting the public from the threat of pandemic flu."

Influenza A infects both humans and animals. H5N1 is a subtype that is found mostly in birds, although infections have also occurred in humans, mostly in people who have come into contact with the virus through infected poultry. According to the Centers for Disease Control and Prevention, of the few avian influenza viruses that have infected humans, the H5N1 subtype has caused the largest number of detected cases of serious disease and death.

There is a possibility that the influenza A/H5N1 virus subtype could mutate further and spread quickly to humans, causing an influenza pandemic. According to the World Health Organization, there are 412 confirmed human cases of infection from this virus, almost all in Asia and northern Africa. This virus subtype, which can cause life-threatening illness, has not been detected in the Americas.

In clinical studies, the test correctly identified the absence of infection in more than 700 specimens. In addition, the test correctly detected the presence of influenza A/H5N1 virus subtype in 24 cultured specimens from infected patients.

<http://www.fda.gov/bbs/topics/NEWS/2009/NEW01987.html>



PRAYER BOARD

- 4 Let's welcome aboard Bro. Tony Bawalan as he assumes his position as Project Manager of UTOL.
- 4 Let's pray for God's choice for the next board member of UTOL.

LOOKING BACK...

- 4 Bro. Oscar Garcia is back! He is now an active member of the UTOL management & project team... and as member of the Board.
- 4 UTOL had a series of presentations with MV Doulos staff and management team last March.
- 4 UTOL was also given an opportunity to present the hospital ship project to our Filipino Seafarers.