
From: Wells, Eden (DHHS)
Sent: Tuesday, October 20, 2015 2:57 PM
To: Laura Carravallah; Laura Carravallah
Cc: Valacak, Mark; 'plevine@gcms.org'; 'Kay Doerr'
Subject: Re: NSF certified water pitchers for copper reduction

Great thought about the ophthalmology! Keep me in touch---we are going to advise OB-Gyns about the importance of counseling their pregnant patients as well. Materials forthcoming.

Eden

From: Laura Carravallah <Laura.Carravallah@hc.msu.edu>
Sent: Tuesday, October 20, 2015 2:55 PM
To: Wells, Eden (DHHS); Laura Carravallah
Cc: Valacak, Mark; 'plevine@gcms.org'; 'Kay Doerr'
Subject: RE: NSF certified water pitchers for copper reduction

Thank you, Eden. I have put calls to the Hepatology departments for both UM and Henry Ford, and am awaiting their calls back. Pete Levine from our medical society has also sent out emails to all of our gastroenterologists and ophthalmologists (who would find Kayser-Fleischer rings in the iris) to see if we can get an estimate of how many patients we may have.

I will send an email as soon as I hear from any of them.

Laura

From: Wells, Eden (DHHS) [mailto:WellsE3@michigan.gov]
Sent: Tuesday, October 20, 2015 2:51 PM
To: Laura Carravallah; Laura Carravallah
Cc: Valacak, Mark
Subject: Fw: NSF certified water pitchers for copper reduction

Good afternoon, Dr. Carravallah,

We will keep looking, but our chief toxicologist affirmed my concern about filters for copper being able to reduce low enough for Wilson's and unfortunately they do not appear to be able to reduce lead.

Eden

Eden V. Wells, MD, MPH, FACPM
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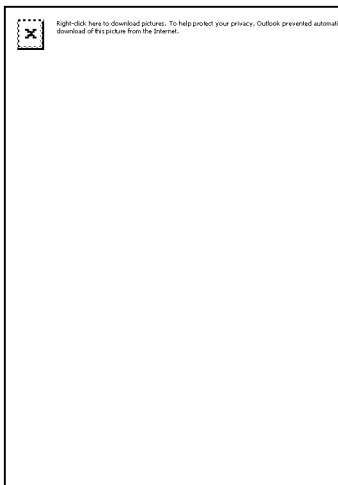
Phone: 517-335-8011
welise3@michigan.gov

From: Wells, Eden (DHHS)
Sent: Tuesday, October 20, 2015 2:49 PM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: Re: NSF certified water pitchers for copper reduction

You are SO great, thank, you---that WAS my suspicion!

From: Dykema, Linda D. (DHHS)
Sent: Tuesday, October 20, 2015 2:49 PM
To: Wells, Eden (DHHS); Quiggle, Lisa (DHHS)
Subject: RE: NSF certified water pitchers for copper reduction

<http://www.nsf.org/consumer-resources/what-is-nsf-certification/water-filters-treatment-certification/contaminant-testing-procedures>



Contaminant Testing Procedures - NSF International

Water treatment products must reduce a specific amount of a contaminant effectively in order to earn NSF certification for that purpose. The table below shows the ...

[Read more...](#)

NSF info at this page indicates that filters certified for copper reduction can take a 3 ppm or 3000 ppb level down to 1300 ppb. Not good enough for people with Wilson Disease who need copper <100. None of the filters certified to remove copper that I can see are also certified to remove lead.

Lisa is at a meeting in WI. She can confirm if she's able to see her e-mail.

From: Wells, Eden (DHHS)
Sent: Tuesday, October 20, 2015 2:10 PM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: Re: NSF certified water pitchers for copper reduction

Linda and Lisa---Just following up. Do the filters that I send you in lat evenings email for Dr. C reduce copper to below 100 PPB, and if so, are they NSF certified to m=remove lead also? I promised Dr. C I would follow up with her about this---even though I am concerned about need to directly link with the providers.

Eden

From: Wells, Eden (DHHS)
Sent: Monday, October 19, 2015 8:52 PM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: Fwd: NSF certified water pitchers for copper reduction

The copper issue is really going to be one for a few individuals if any, and copper removal would babe an issue for them pre and post river switch- per my other email I am trying to caution making recommendations we are not qualified to make...

Sent from my iPhone

Begin forwarded message:

From: Laura Carravallah <Laura.Carravallah@hc.msu.edu>
Date: October 16, 2015 at 11:10:20 AM EDT
To: "Valacak, Mark" <MVALACAK@gchd.us>, "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
Cc: "Henry, James" <jhenry@gchd.us>
Subject: RE: NSF certified water pitchers for copper reduction

Will these filters (listed below) also remove lead? If so, can just recommend those filters to the patients (I am working with Pete to estimate how many there may be) and that may be our solution. They would need to meet the recommendations of the Wilson's Disease Society that Eden sent.

Pete said he can send out email on Monday.

Do you have recommendations as to how to proceed Mark?

From: Valacak, Mark [<mailto:MVALACAK@gchd.us>]
Sent: Friday, October 16, 2015 11:04 AM
To: Laura Carravallah; Wells, Eden (DHHS)
Cc: Henry, James
Subject: FW: NSF certified water pitchers for copper reduction

I asked Jim Henry of my environmental health staff to research the copper filter reduction issue and talk to the people at NSF. His findings are below. I had a friend who used to work at NSF but is long retired. I remembered from a conversation that often manufactures get products certified for particular chemicals and there is a cost increase with each particular additional certification. So they limit the testing based upon what makes economic sense for them. In this example, it does not mean that the filters we are distributing do not reduce copper but more likely that they did not pay for that certification test to be run. If that test was not run they cannot claim to be "certified by NSF". Oddly Brita does advertise that their filter reduces copper but it is not listed on the sheet in the box as certified by NSF for that.

NSF did supply the filters list certified for copper reduction, which is included below for your information.

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Public Health

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From: Henry, James
Sent: Friday, October 16, 2015 10:23 AM
To: 'MVALACAK@gchd.us'
Subject: NSF certified water pitchers for copper reduction

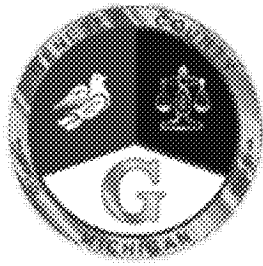
Mark,

I spoke with NSF. They reviewed their records and the filters being distributed below are not certified for copper reduction. NSF informed me that they should reduce copper (because they reduce lead), but they will not make that statement.

The email below has a link to NSF certified filters for copper removal, which may be beneficial for those with copper sensitivities. I saw that Dr. Carravallah spoke with Mark Edwards regarding copper levels. He may be able to provide more (unofficial) information regarding the filters' capability to remove copper.

- Brita Faucet Filtration System, model number SAFF-100
- PUR Faucet Mount, model number FM-3700B
- Zero Technologies Water Treatment Pour Through Pitcher, model number ZD-018

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Jim

From: Costello, Mindy [<mailto:mcostello@nsf.org>]
Sent: Friday, October 16, 2015 9:43 AM
To: Henry, James
Subject: NSF certified water pitchers for copper reduction

<http://info.nsf.org/Certified/DWTU/Listings.asp?ProductFunction=053%7CCopper+Reduction&ProductType=Pour+Through&submit2=Search>

If you need additional information or have further questions, please let me know.
 Thank you for your inquiry.

Kind regards,
 Mindy Costello RS MS
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