From: Berlin, Jesse [JJCUS] </O=JNJ/OU=JANUSTI/CN=RECIPIENTS/CN=JBERLIN>

To: Weinstein, Rachel [JRDUS]
Sent: 2/8/2018 6:39:02 PM

Subject: RE: finally received the full article

Agree – I'm reading through and finding several studies that also looked at ibuprofen and found no association. Lots of comments in Limitations of the individual studies about residual confounding and confounding by indication. Can't dismiss those concerns, but there appears to be some specificity of the association. (Can't get around the confounding by indication issue, although at least one study looked separately at specific indications and the association didn't go away.

Hmmm. We should continue by phone if there's more to discuss.

Enjoy Philadelphia. I've only seen the terra cotta worriers, myself.

JB

From: Weinstein, Rachel [JRDUS]

Sent: Thursday, February 08, 2018 10:46 AM To: Berlin, Jesse [JJCUS] < JBerlin@its.jnj.com > Subject: RE: finally received the full article

Thanks. The weight of evidence is starting to feel heavy to me. We are talking with Rachel Ochs-Ross, the neurologist in CNS today. Originally it was to talk about biologic plausibility for benefit of acetaminophen, but now we've added the studies in prenatal exposure and neurodev outcome.

It looks like there are a bunch of papers from 2016 that we somehow missed. Many of them by Liew et al. Remember we contacted that group and they never got back to us. They did get busy though.

I was going to take Friday off. Bruce and I are spending the weekend in Philly starting Friday night. We're finally going to see those Terra Cotta Warriors; it's his birthday. I'll be working some on Friday. The meeting about this is Monday 8am.

Let me know what you think after you've gone through more of this. Rachel

Rachel Weinstein, Ph.D. Director, Epidemiology



Jamssen Research & Development, LLC 1125 Trenton-Harbourton Road PO Box 200, M/S K304 Titusville, New Jersey 08560 Tel: (609) 730-3781 rweinst1@its.jnj.com

Confidentially Notice: This e-mail transmission may contain confidential or legally privileged information that is intended only for the individual or entity named in the e-mail address. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or relance upon the contents of this e-mail is strictly prohibited. If you have received this e-mail transmission in error, please reply to the sendier, so that Johnson can arrange

for proper delivery, and then please delete the message from your inbox. Thank you.

From: Berlin, Jesse [JJCUS]

Sent: Thursday, February 08, 2018 12:30 PM

To: Weinstein, Rachel [JRDUS] < RWeinst1@its.jnj.com>

Subject: RE: finally received the full article

Just starting to read this on the plane (doing email from plane for the low low price of \$16 for the flight.)

Anyway, initial and mostly irrelevant comment, but I was in grad school with David Kriebel, the second author. Let me know if you want to set up time to talk (although I may be going to Sedona tomorrow). But early Monday (or weekend, I suppose, if there's anything urgent). I'll let you know if I have comments.

Thanks. JB

From: Weinstein, Rachel [JRDUS]

Sent: Wednesday, February 07, 2018 12:45 PM To: Berlin, Jesse [JJCUS] < JBerlin@its.jinj.com>

Subject: finally received the full article

Hi Jesse.

This is a systematic review that came out early this year but there was something wrong with the document from the journal so it took a few weeks to get to me. Note also that there is an SMT on Feb 12 on this topic as well. Thanks,

Rachel

Rachel Weinstein, Ph.D. Director, Epidemiology



Janssen Research & Development, LLC 1125 Trentom-Harbourton Road PO Box 200, M/S K304 Titusville, New Jersey 08560 Tel: (609) 730-3781

rweinst1@its.jnj.com

Confidentiality Notice: This e-mail transmission may contain confidential or legally privileged information that is intended only for the individual or entity named in the e-mail address. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or reliance upon the contents of this e-mail is strictly prohibited. If you have received this e-mail transmission in error, please reply to the sender, so that Johnson & Johnson can arrange for proper delivery, and then please delete the message from your inbox. Thank you.