

Infant mortality risk increases with maternal alcohol use

February 25 2013



Maternal alcohol-use disorder increases the risk of both sudden infant death syndrome (SIDS) and non-SIDS-related infant mortality, according to a study published online Feb. 25 in *Pediatrics*.

(HealthDay)—Maternal alcohol-use disorder increases the risk of both sudden infant death syndrome (SIDS) and non-SIDS-related infant mortality, according to a study published online Feb. 25 in *Pediatrics*.

Colleen M. O'Leary, Ph.D., from the University of Western Australia in Perth, and colleagues used International Classification of Diseases 9/10 codes in health, mental health, and/or drug and alcohol datasets (1983 to 2005) to identify mothers with an alcohol diagnosis as well as matched mothers without an alcohol diagnosis (matched for [maternal age](#), race, and year of birth of their children). The Midwives Notification System was used to identify offspring (exposed, 21,841; comparison, 56,054).

The researchers found that there were 303 cases of SIDS and 598 cases of [infant mortality](#) excluding SIDS. A maternal alcohol diagnosis recorded during pregnancy was associated with the highest risk of SIDS (adjusted hazard ratio [aHR], 6.92), as was a diagnosis within one year after pregnancy (aHR, 8.61). The risk of [infant deaths](#) excluding SIDS was more than doubled with an alcohol diagnosis recorded during pregnancy (aHR, 2.35). At least 16.41 percent of SIDS and 3.40 percent of infant deaths not classified as SIDS were attributable to maternal alcohol-use disorder.

"Maternal alcohol-use disorder is a significant risk factor for SIDS and infant mortality excluding SIDS," O'Leary and colleagues conclude.

More information: [Abstract](#)
[Full Text \(subscription or payment may be required\)](#)

[Health News](#) Copyright © 2013 [HealthDay](#). All rights reserved.

Citation: Infant mortality risk increases with maternal alcohol use (2013, February 25) retrieved 22 April 2023 from
<https://medicalxpress.com/news/2013-02-infant-mortality-maternal-alcohol.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
