

Pre-eclampsia may carry long-term heart risks for women

July 3 2019



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Pre-eclampsia is a potentially dangerous condition characterized by high blood pressure that arises in some pregnant women, but a review of published studies indicates that its effects on cardiovascular health can

persist well after pregnancy.

The *Australasian Journal of Ultrasound in Medicine* analysis included 13 studies that measured cardiac function by transthoracic echocardiography between 6 months and 18 years following a pregnancy complicated by [pre-eclampsia](#).

Studies are needed to determine whether long-term cardiovascular screening might benefit women with a history of pre-eclampsia.

"Pre-eclampsia is a real-life 'stress test' and the use of transthoracic echocardiography could help us detect early consequences on the heart before women experience symptoms," said co-author Archana Selvakumar Thayaparan, MbChb, of Western Health, in Australia.

More information: Archana S Thayaparan et al, Pre-eclampsia and long-term cardiac dysfunction: A review of asymptomatic cardiac changes existing well beyond the post-partum period, *Australasian Journal of Ultrasound in Medicine* (2019). [DOI: 10.1002/ajum.12173](https://doi.org/10.1002/ajum.12173)

Provided by Wiley

Citation: Pre-eclampsia may carry long-term heart risks for women (2019, July 3) retrieved 27 April 2024 from <https://medicalxpress.com/news/2019-07-pre-eclampsia-long-term-heart-women.html>

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