

Quantitative cardiac imaging in women with a history of preeclampsia

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Statements pertaining to the thesis

“Quantitative cardiac imaging in women with a history of preeclampsia”

1. A decrease in mechanical diastolic function can exist in the absence of changes in flow-based diastolic function or clinical symptoms in women with a history of preeclampsia. *(This thesis)*
2. Cardiac screening after a preeclamptic pregnancy may help identify early markers associated with the development of heart failure. *(This thesis)*
3. The cardiac sequelae of preeclampsia are more diastolic in nature than systolic. *(This thesis)*
4. Residual hypertension appears to be the primary driver of cardiac dysfunction after a preeclamptic pregnancy. *(This thesis)*
5. Quantitative cardiac analysis provides added value to the evidence of cardiac dysfunction when applied in conjunction with qualitative analysis. *(The field of radiology)*
6. Qualitative cardiac analysis provides valuable, personalized context to the evidence that quantitative cardiac analysis provides. *(The field of radiology)*
7. Whether a modality or technique is considered the gold standard in cardiac imaging is often secondary to affordability and availability. *(The field of radiology)*
8. Improvements in maternal cardiac health will lead to benefits that transcend generations, since a lack of maternal presence leads to dysfunction to the (late) mother's children, and her potential grandchildren. *(Societal impact)*
9. A pregnancy takes approximately nine months, but nine women working together cannot deliver a child in one month.
10. If you can't explain it simply, you don't understand it well enough. *(Albert Einstein)*
11. Mother is the first other. *(Hideaki Anno, 庵野 秀明)*

Yentl Brandt,
January 22nd 2025