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## Left Ventricular Chamber Quantification With Three-Dimensional Echocardiography

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VRIJE UNIVERSITEIT

**LEFT VENTRICULAR CHAMBER QUANTIFICATION WITH THREE-  
DIMENSIONAL ECHOCARDIOGRAPHY: A CLINICAL PERSPECTIVE**

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor of Philosophy aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. J.J.G. Geurts,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Geneeskunde  
op dinsdag 5 april 2022 om 11.45 uur  
in een bijeenkomst van de universiteit,  
De Boelelaan 1105

door

Mohamed Fathy Abdelzaher Aly

geboren te Fayoum, Egypte

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