

Stanford



Simon Thalén

Postdoctoral Scholar, Radiological Sciences Laboratory

Bio

BIO

I am a clinical physiology resident at Karolinska University Hospital and completed my thesis on cardiovascular magnetic resonance imaging (MRI). With a background in mathematics, I am trying to live at the intersection of mathematics, technology, and medicine. My thesis focused on MRI evaluation of constrictive heart diseases, such as pericardial effusion and constrictive pericarditis. I used phase contrast MRI to measure respiratory variation in mitral and tricuspid peak early blood flow velocities and T1 mapping to characterize pericardial effusion fluid.

HONORS AND AWARDS

- The Wallenberg Foundation Postdoctoral Scholarship Program at Stanford, Knut och Alice Wallenberg Foundation (20240403)

PROFESSIONAL EDUCATION

- Doctor of Medicine, Karolinska Institutet (2018)
- PhD, Karolinska Institutet , Medical sciences (2024)
- MD, Karolinska Institutet , Medicine (2018)

STANFORD ADVISORS

- Daniel Ennis, Postdoctoral Faculty Sponsor

LINKS

- Github: <https://github.com/SuperSimon81>

Publications

PUBLICATIONS

- **Cardiovascular magnetic resonance as an initial screening tool in individuals with SLE and chest pain.** *Lupus science & medicine* Samuelsson, I., Thalén, S., Grosso, G., Lundin, M., Engblom, H., Sörensson, P., Gunnarsson, I., Ugander, M., Svenungsson, E. 2025; 12 (2)