



Mattias Rydberg

Postdoctoral Scholar, Plastic and Reconstructive Surgery

Bio

BIO

Mattias Rydberg, MD, PhD, is a hand surgeon and postdoctoral scholar in the Division of Plastic and Reconstructive Surgery at Stanford University School of Medicine. His research focuses on epidemiology, machine learning, and digital health technologies in hand surgery and musculoskeletal disease. Dr. Rydberg completed his medical and doctoral training at Lund University in Sweden, where his PhD work focused on diabetic hand disorders and large-scale register-based research.

At Stanford, he works in the laboratory of Dr. Paige Fox, studying peripheral nerve disorders, fibroproliferative diseases, and AI-based motion tracking technologies for upper extremity assessment. His current projects include national database studies on diabetes and entrapment neuropathies, frozen shoulder and Dupuytren's disease, and the development of camera-based hand motion analysis tools using machine learning and computer vision.

STANFORD ADVISORS

- Paige Fox, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Body mass index and the risk of ulnar nerve entrapment in individuals without diabetes—a longitudinal cohort study from Sweden** *INTERNATIONAL JOURNAL OF OBESITY*
Rydberg, M., Dahlin, L. B., Nilsson, P. M., Zimmerman, M.
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