



EMERGENCY MEDICAL SERVICES

LOYOLA UNIVERSITY CHICAGO · STRITCH SCHOOL OF MEDICINE

Paramedics Wanted to Help *Build AI Tools* for Stroke Detection

Helping build decision-support tools that work for those on the front lines

We need your frontline expertise. *Even the most accurate models fail without input from practitioners who use them daily.*

WHAT WE'RE STUDYING

RESEARCH FOCUS

- How AI model predictions compare to current tools like CPSS and VAN
- What factors shape paramedic trust and acceptance of model recommendations
- How AI tools can integrate into existing prehospital workflows

WHAT'S INVOLVED

- Single 45–60 minute Zoom interview
- Review 12 real, anonymized prehospital stroke cases
- Scheduled at your convenience
- IRB-approved · Voluntary · All data de-identified

INTERVIEW PROCESS

01

ASSESS

Provide your initial stroke severity assessment

02

VIEW

See the AI model's prediction and output

03

REFLECT

Share whether you'd revise your assessment and why

04

DISCUSS

Talk through workflow and implementation

RESEARCH TEAM

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• Samie Tootooni, PhD

*Assistant Professor, Dept. of Health Informatics and Data Science
Associate Director, Center for Health Outcomes and Informatics Research (CHOIR)*

• Dr. Mark Cichon, DO, FACEP

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• Michael Saban, MS

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INTERESTED IN PARTICIPATING?

Reply directly or pass this along to a colleague who might be a great fit.

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