

Exploring the potential of using an automatic clinical document generation tool for occupational therapy using practitioner-patient conversations

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OCCUPATIONAL THERAPIST:

Which daily activity are you having most difficulty doing since your stroke?

CLIENT:

Bathing. I need assistance from my sister.



ADL – Bathing:

Needs assistance from sister following stroke

~50 INITIAL
MINUTES EVALUATION
SESSION

~120 DOCUMENTATION
MINUTES POST-SESSION

~10 AUTOMATIC
MINUTES DOCUMENTATION



Activities of Daily Living:

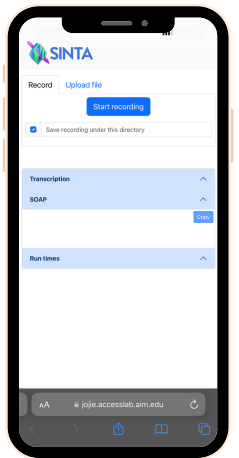
- Bathing: Patient reported that she needs assistance from her sister.

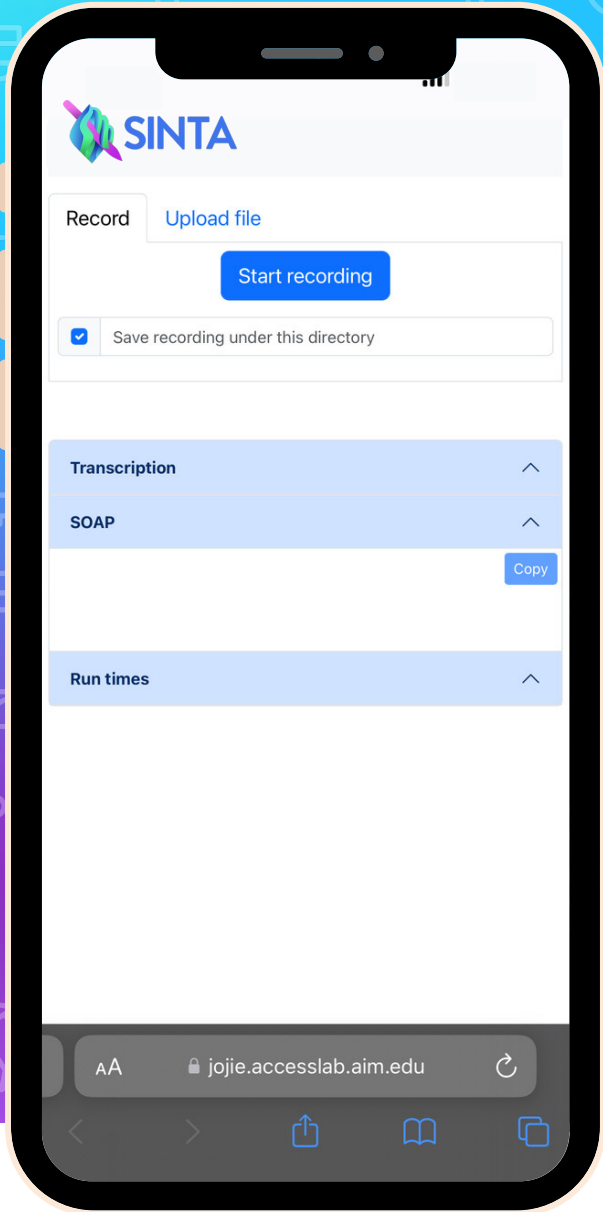


ADL – Bathing:

Reportedly needs assistance from sister following stroke

81.79%
OUTPUT SIMILARITY





≥ 85%
reduction in
documentation
time

risk of over-
dependence

OT-informed development of automatic documentation tools