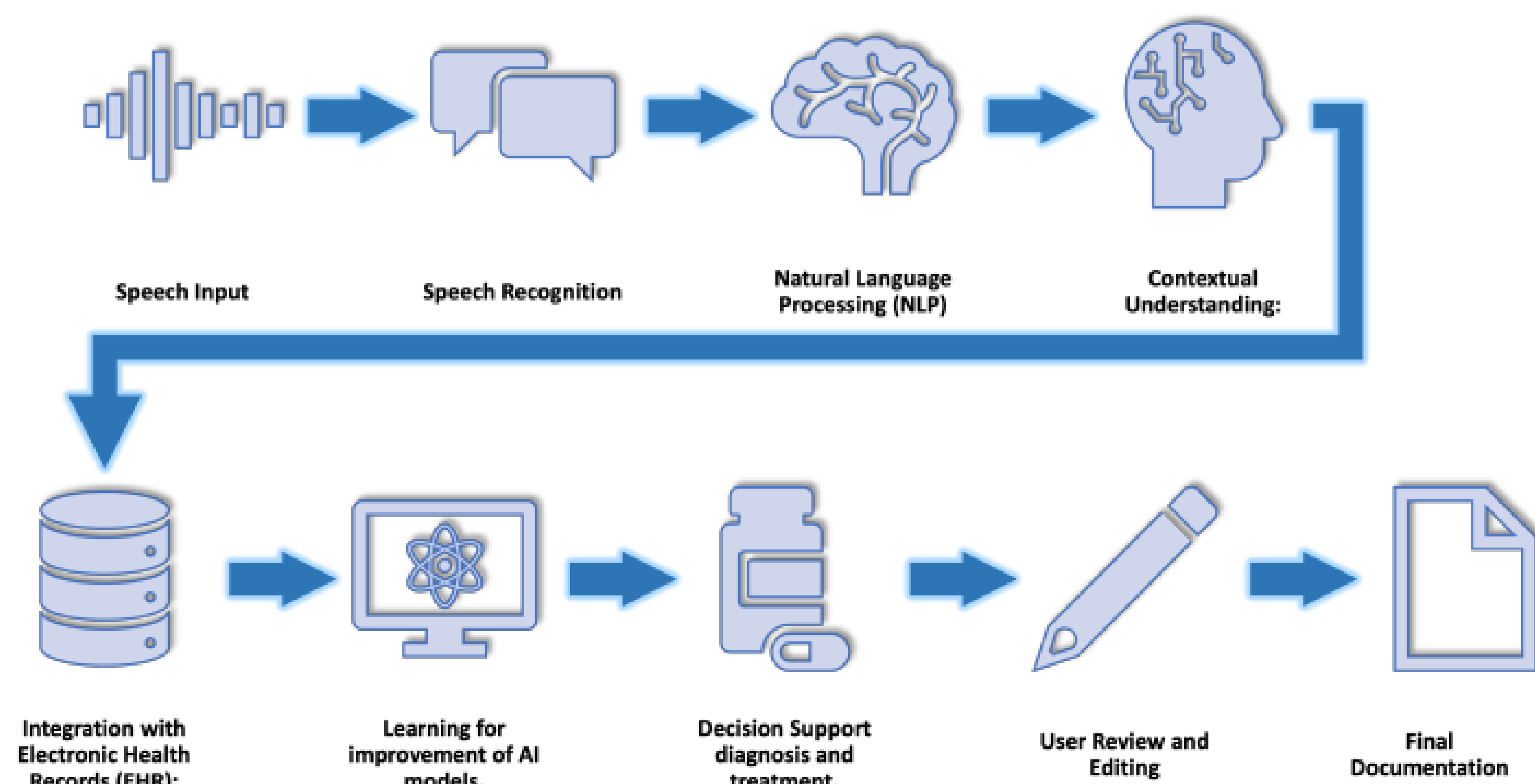


INTRODUCTION

- Strong patient engagement can enhance Telehealth, making it a vital part of patient-centered care.
- Barriers to engagement include lack of personal connection and administrative tasks that hinder meaningful interactions.
- AI scribing helps by transcribing interactions, allowing providers to focus more on patient care.

This study explores the impact of AI scribing on provider experiences with technology and patient engagement.

HOW AN AI-BASED SCRIBE WORKS



<https://www.linkedin.com/pulse/transforming-healthcare-glimpse-ai-revolution-satish-swarnkar-3a8vc>

Subject:

Chief Complaint:

Brendan is a 75 year old male presenting today for medication refills and ongoing back pain.

HPI:

Patient reports needing refills for multiple medications including a heart medication (R pressure medication (L-opril). Patient is unsure of the specific names and dosages for I have their wife send in a list.

Patient has been experiencing back pain for approximately three months, which began boxes. The pain is located over the left part of their buttocks and is described as a dull, and goes, lasting for a long time before subsiding and then returning. Patient denies an sensations. They report some leg weakness, which they attribute to a previous knee su

ROS:

ROS is otherwise negative, see HPI.

Current Medications:

Medication	Dose	Route	Frequency
R-statins (Rosuvastatin)	20 mg	Oral	Once daily
L-opril (Lisinopril)	10 mg	Oral	Once Daily

Allergies:

Allergen	Reaction
Ibuprofen	Asthma, hives
Penicillin	Hives

Objective:

BP:	118/76
BP Location:	Right arm
Patient Position:	Sitting
Pulse:	72
Temp	97.8 F (36.6 C)

Example Note Generated by AI-based Scribe

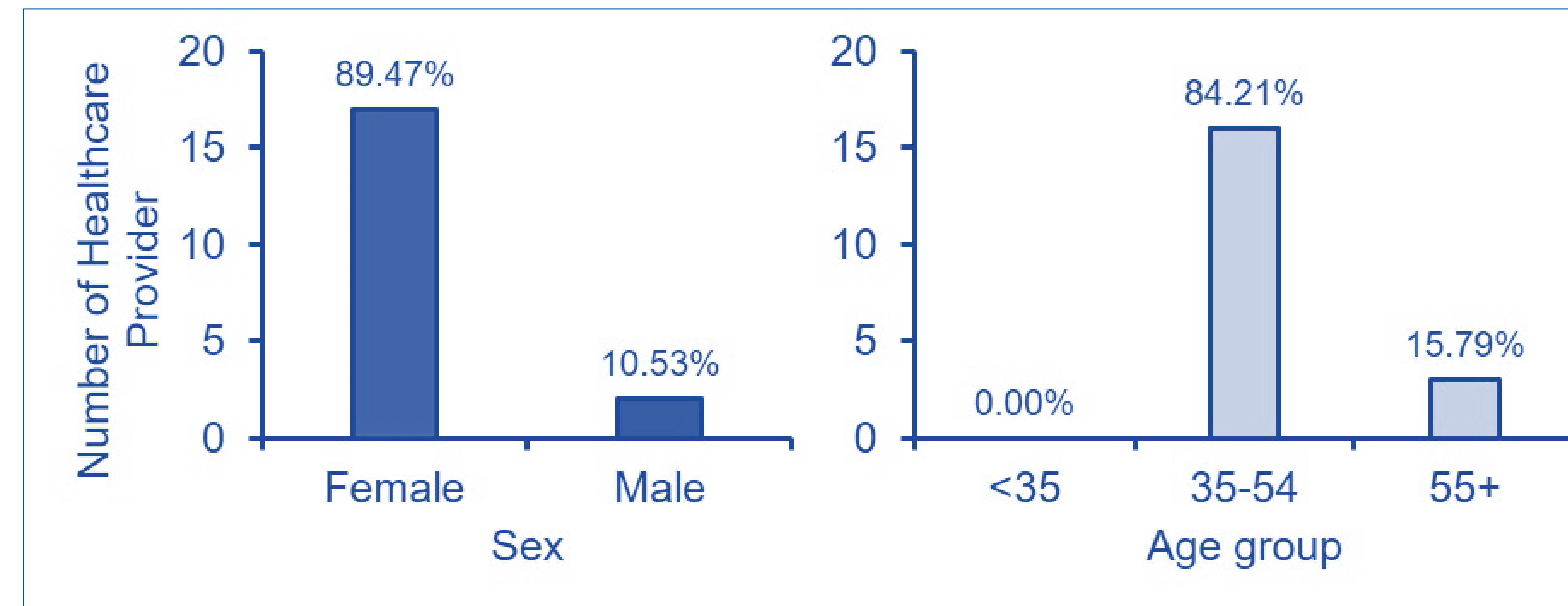
METHODS: Longitudinal Survey of Provider-Users

Group of Pilot Users

(n=19)

Specialties: Behavioral health (Psychiatry, social work, and counseling), geriatrics, and urgent care

Care setting: Virtual



AI Scribe Product
AutoScribe,
(Ambience Healthcare,
San Francisco CA)

RESULTS



61.5%

of providers agreed that the AI-based scribe decreased feelings of **burnout**.

76.9%

satisfaction with time spent on **documentation**.

76.9%

of providers agreed that the AI-based scribe increased **patient engagement**.

84.6%

satisfaction with the **quality** of the digital scribe.

CONCLUSION

- An AI-based scribe improves patient-provider interactions.
- Automating documentation tasks allows providers to focus more on patient care.
- Future work will focus on addressing cost-effectiveness of the AI-scribing tool.

