

SPSC Symposium 2021



# How to collect speech data with human rights in mind

Healthcare & industry perspective

# Challenge

Identifiable in theory but not in practice

I could know who you are, but I  
don't and I must



# Vocal Biomarkers

Asthma

COVID-19

Cognitive impairment

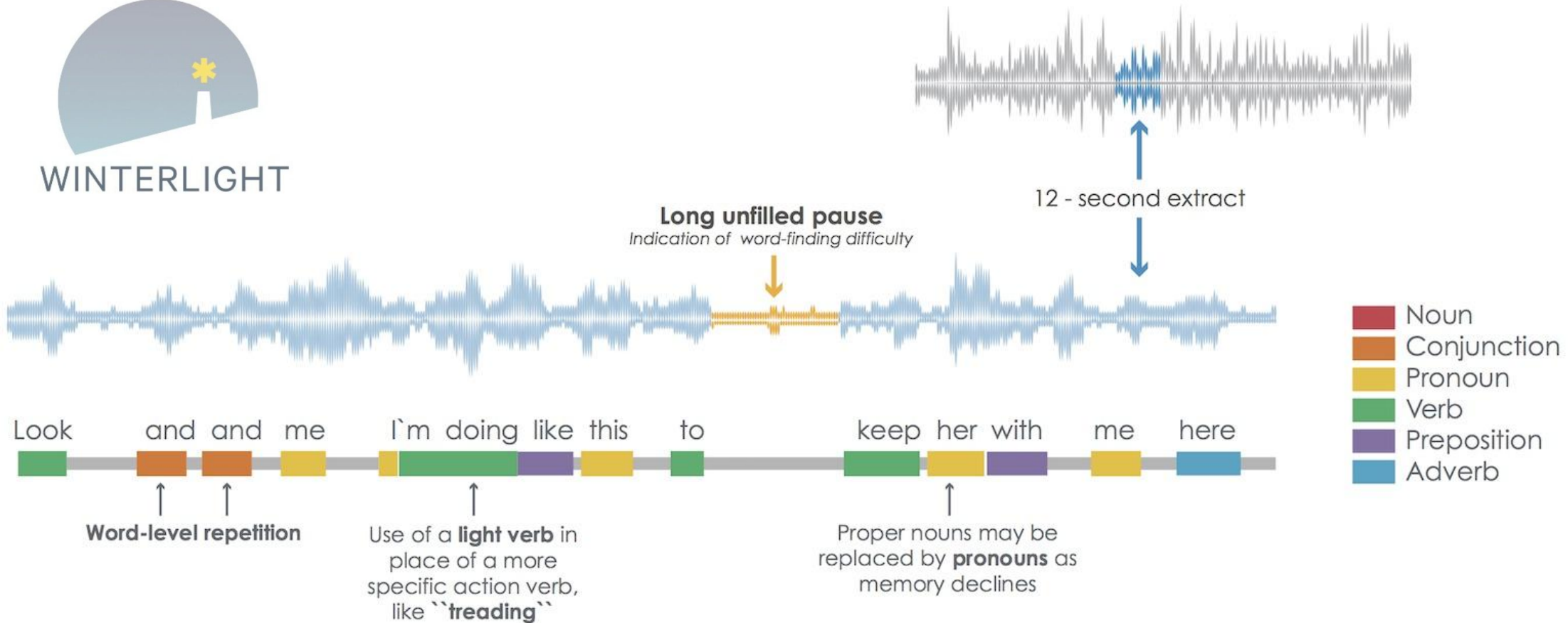
Parkinson's

COPD

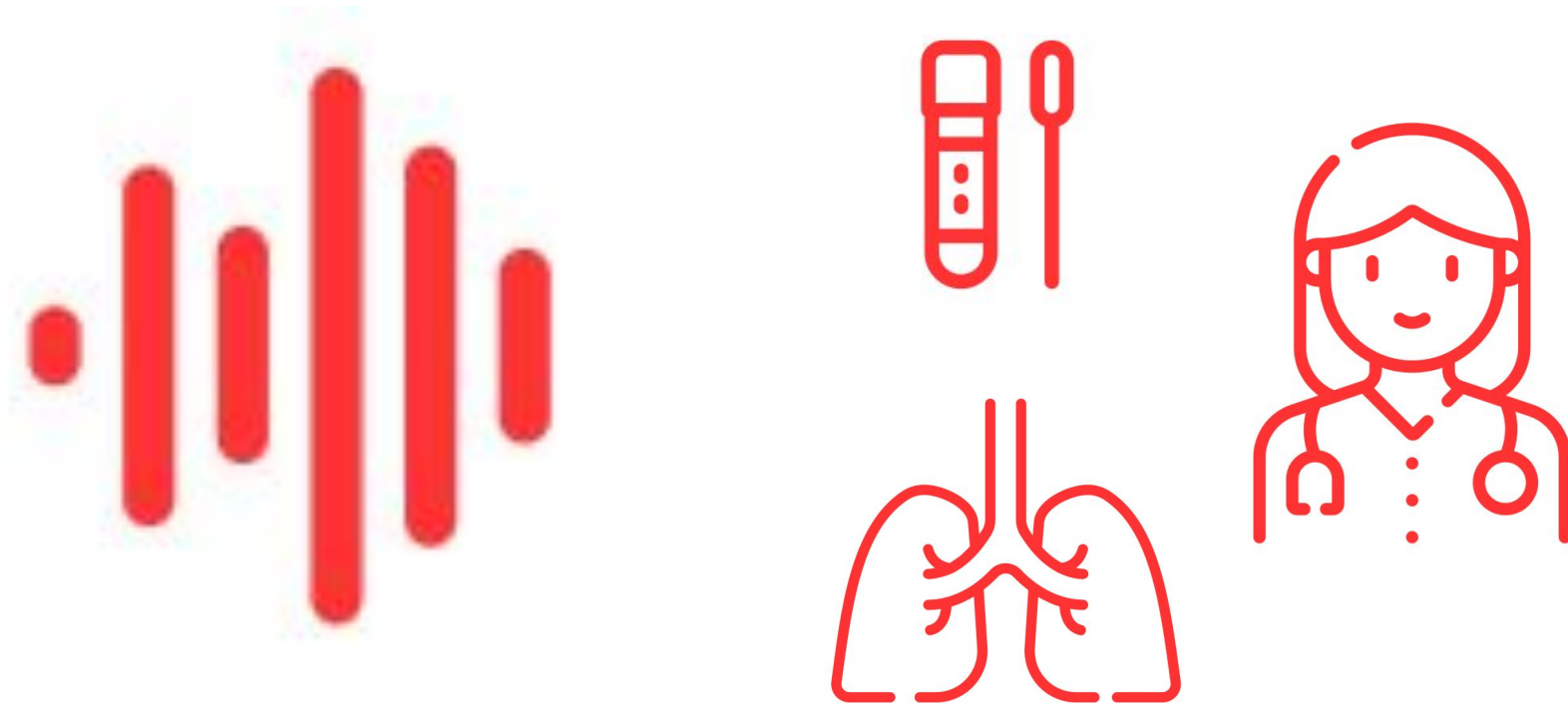
Mood disorders

Sleep apnea

# What are vocal biomarkers?



# Validation of vocal biomarkers



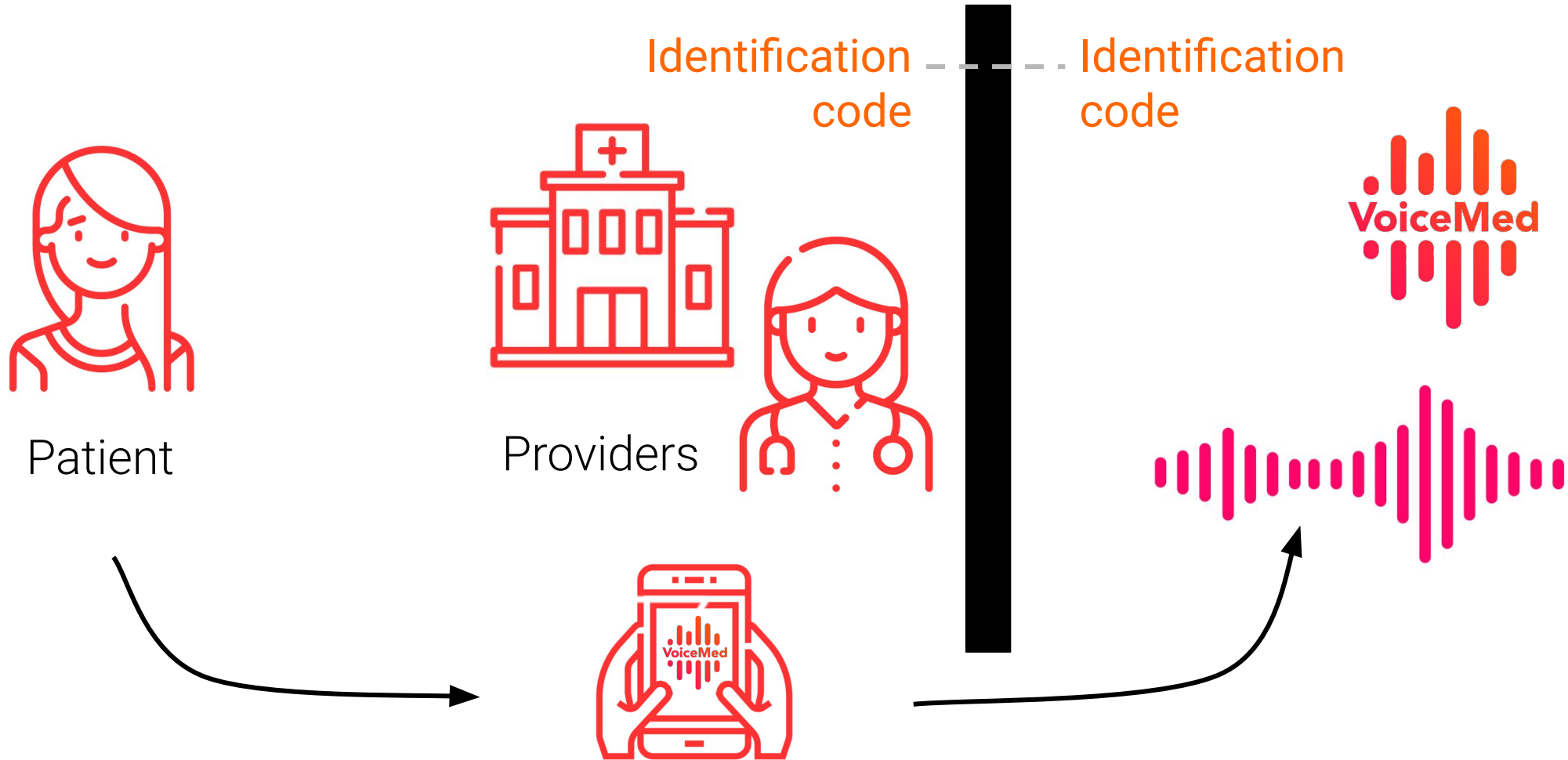
Pairing speech with clinical data

# Privacy and confidentiality in healthcare

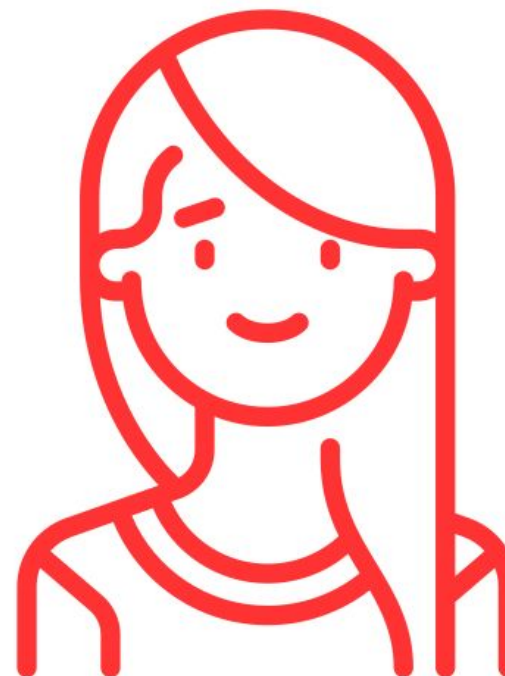
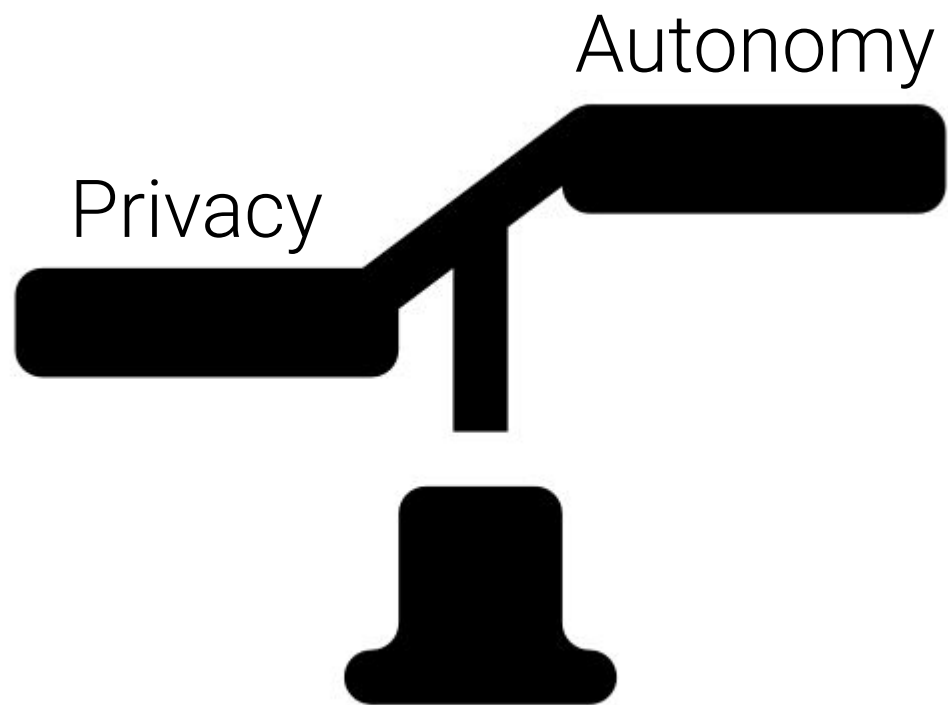
- Doctor-patient relationship
- Good clinical practices



# Identifiable in theory but not in practice



# Privacy vs. autonomy







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