

MedTranslate – User Guide

Overview

MedTranslate is a web-based healthcare translation app. It allows users to speak in one language, see a live transcript and get enhanced and translated text with audio playback. The app uses AI for transcription, translation and optional grammar and medical text enhancement.

Getting Started

1. **Open the Landing Page**

Open [home.html](#) in your browser. Click **Start Translating** to access the translation interface.

2. **Select Languages**

Use the **I speak** dropdown to select your input language.


Use the **I want to translate to** dropdown to select the target language.

3. **Start Speaking**

Click  **Start Speaking**.

Speak naturally. Your speech will be transcribed live.

4. **Stop Recording**


Click  **Stop** to finish recording.

The app will process your speech, enhancing and translating it.

Reading the Output

- **Original Transcript:** Shows what you spoke.
- **Enhanced Text:** Corrected grammar and optional medical-aware improvements.
- **Translated Text:** Your speech translated into the selected target language.

Audio Playback

Click  **Speak Translation** to hear the translated text in audio.

The voice matches the selected language whenever possible.

Tips for Best Results

Speak clearly and at a normal pace.

Ensure your microphone is working.

Only supported languages can be translated. Check the dropdown list.

The app processes everything in memory. No data is stored.

Privacy and Security

All text is processed securely in memory.

No transcripts are saved or shared.

Input validation ensures unsupported languages or empty text are handled safely.

Troubleshooting

If speech recognition does not work, ensure your browser supports the Web Speech API.

If audio playback fails, check your device volume and browser permissions.

If translation fails, verify that both source and target languages are selected.