

## CLINIC DETAILS

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Name:

Age/Sex:

Date of testing:

Brief history:

PTA Right:

PTA Left:

### **MISHA-Random Adaptive Marathi Sentence Identification in Noise**

MISHA-Random Adaptive Marathi Sentence Identification in Noise (M-RAMSIN) test developed by Vanaja, Nandurkar, Valame, Bantwal and Khan, 2023 assesses speech perception in quiet and speech perception in noise.

Speech Perception in quiet: To provide information regarding the ability to recognise speech stimuli in quiet M-RAMSIN obtains two measures - SRT-50 and WRS at 65dB SPL.

- For SRT-50 in quiet, 5-word sentences are presented and the individual is expected to repeat the words heard. SRT-50 refers to the intensity at which a person can understand 50% of words.
- Word recognition score (WRS) at 65dB SPL indicates the percentage of words correctly identified at the conversational speech level and reflects an individual's performance in quiet situations.

Speech Perception in Noise: To obtain information regarding the ability to recognize speech stimuli in the presence of noise in the same ear, the individual is expected to repeat 5-word sentences presented while ignoring the speech babble noise. The two measures obtained in noise are SNR-50 and WRS at 0 dB SNR.

- SNR-50 refers to the signal to noise ratio needed to correctly recognize and repeat 50% of words presented.
- WRS at 0 dB SNR indicates the percentage of stimuli correctly identified when speech stimuli and speech babble noise are presented simultaneously at the same intensity in the same ear.

**Results of M-RAMSIN (Vanaja, Nandurkar, Valame, Bantwal and Khan, 2023)**

Test/s done- SRT-50/ WRS at 65 dB SPL/ SNR-50/ WRS at 0 dB SNR

Audiometer used:

Tested by:

List number:

**Transducer: Headphone**

	Right ear	Left ear
SRT-50		
WRS at 65 dB SPL		
SNR-50 (Adaptive/FN)		
WRS at 0 dB SNR		

**Transducer: Sound-field**

	Unaided	Aided Right	Aided Left	Aided Binaural
SRT-50				
WRS at 65dB SPL				
SNR-50 (Adaptive/FN)				
WRS at 0 dB SNR				

**Recommendations:**

**Signature of the Audiologist**