

SIGNS & SYMPTOMS OF VOICE DISORDERS

I. Nine Primary Symptoms of Voice Problems

Hoarseness
Vocal Fatigue
Breathy voice
Reduced phonational range
Aphonia
Pitch breaks or inappropriately high pitch
Strain\struggle voice
Tremor
Pain and other physical sensations

II. Perceptual Signs of Voice Problems

➤ Pitch

Monopitch (reduced pitch variability)
Inappropriate pitch
Pitch breaks
Reduced pitch range

➤ Loudness

Monoloudness (reduced loudness variability)
Loudness variation (soft, loud or uncontrolled)
Reduced loudness range

➤ Quality

Hoarse or rough
Breathy
Tension
Tremor
Strain\struggle
Sudden interruption of voicing
Diplophonia

➤ Other Behaviors

Stridor
Excessive throat clearing

➤ Aphonia

Consistent
Episodic

III. Acoustic Signs of Voice Problems

➤ Fundamental Frequency

Mean or average speaking fundamental frequency

Frequency variability

Phonational range

Perturbation

➤ Amplitude

Average overall sound pressure level (SPL)

Amplitude variability

Dynamic range

Perturbation

➤ Signal - to -noise ratio (harmonics- to- noise ratio)

Vocal rise or fall time

Voice tremor

Phonation time

Voice stoppers

Frequency breaks