

TABLE 1.
Aging Voice Index

Aging Voice Index (AVI)	0	1	2	3	4
1 People ask, "What's wrong with your voice?"	Never	Rarely	Sometimes	Usually	Always
2 Because of my voice problem, people can't hear me.	Never	Rarely	Sometimes	Usually	Always
3 My voice problem frustrates me.	Never	Rarely	Sometimes	Usually	Always
4 My voice problem causes me to run out of air when I talk.	Never	Rarely	Sometimes	Usually	Always
5 I am frustrated by the changes in my voice.	Never	Rarely	Sometimes	Usually	Always
6 People think I'm sick because of my voice problem.	Never	Rarely	Sometimes	Usually	Always
7 Because of my voice problem, I speak less.	Never	Rarely	Sometimes	Usually	Always
8 It takes effort for me to speak.	Never	Rarely	Sometimes	Usually	Always
9 It annoys me when my voice doesn't work well.	Never	Rarely	Sometimes	Usually	Always
10 My voice problem affects what I want to do.	Never	Rarely	Sometimes	Usually	Always
11 People make negative judgments about me based on my voice.	Never	Rarely	Sometimes	Usually	Always
12 I worry about my voice.	Never	Rarely	Sometimes	Usually	Always
13 I had to stop taking part in an activity that is important to me because of my voice problem (singing, volunteer, work, etc).	Never	Rarely	Sometimes	Usually	Always
14 Because of my voice problem, other people talk for me.	Never	Rarely	Sometimes	Usually	Always
15 I don't like the way my voice sounds.	Never	Rarely	Sometimes	Usually	Always
16 My voice problem makes me sad.	Never	Rarely	Sometimes	Usually	Always
17 I completely lose my voice.	Never	Rarely	Sometimes	Usually	Always
18 I feel hindered (held back) because of my voice problem.	Never	Rarely	Sometimes	Usually	Always
Even though I have a voice disorder, . . .	4	3	2	1	0
19 I talk on the telephone as much as I want.	Never	Rarely	Sometimes	Usually	Always
20 I like the way my voice sounds.	Never	Rarely	Sometimes	Usually	Always
21 I can talk as much or long as I want.	Never	Rarely	Sometimes	Usually	Always
22 My family and close friends understand me when I talk.	Never	Rarely	Sometimes	Usually	Always
23 My voice is as good as I want it to be.	Never	Rarely	Sometimes	Usually	Always
Total					/92

Voice Related Quality of Life (V-RQOL)

How to complete this Questionnaire:

- We are trying to learn more about how a voice problem can interfere with your daily activities.
- Please answer all questions based upon what your voice has been like over the past 2 weeks. There are no “right” or “wrong” answers.
- Considering both how severe the problem is when you get it, and how frequently it happens, please rate each item below on how “bad” it is (that is, the amount of each problem you have).

1 - 5 Rating Scale

- 1 = None, not a problem
- 2 = A small amount
- 3 = A moderate (medium) problem
- 4 = A lot
- 5 = Problem is “as bad as it can be”

Situation	Frequency of Problem
I have trouble speaking loudly or being heard in noisy situations	1 2 3 4 5
I run out of air and need to take frequent breaths when talking	1 2 3 4 5
I sometimes do not know what will come out when I begin speaking	1 2 3 4 5
I am sometime anxious or frustrated (because of my voice)	1 2 3 4 5
I sometimes get depressed (because of my voice)	1 2 3 4 5
I have trouble using the telephone (because of my voice)	1 2 3 4 5
I have trouble doing my job or practicing my profession (because of my voice)	1 2 3 4 5
I avoid going out socially (because of my voice)	1 2 3 4 5
I have to repeat myself to be understood	1 2 3 4 5
I have become less outgoing (because of my voice)	1 2 3 4 5

TOTAL	_____
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The overall quality of my voice during the last to weeks has been (please circle)				
Poor	Fair	Good	Very Good	Excellent

Hogikyan ND, Sethuraman G. Validation of an instrument to measure voice-related quality of life (V-RQOL). Journal of Voice. 1999. 13:557-569.

Voice Handicap Index (VHI-10)

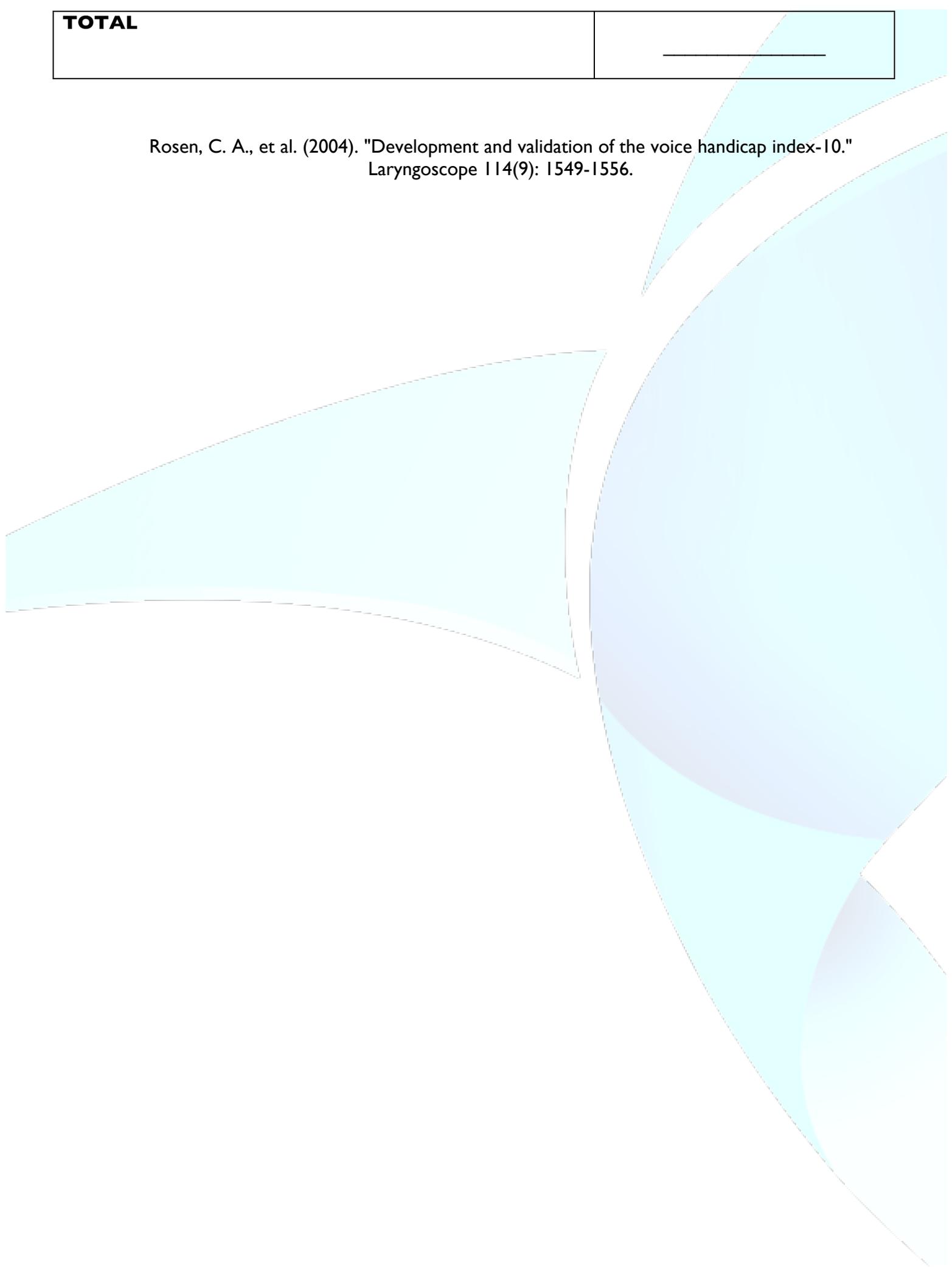
How to complete this Questionnaire:

<ul style="list-style-type: none"> These are statements many people have used to describe their voices and the effects of their voices on their lives. Please circle the response that indicates how frequently you have the same experience. 	<p>0 - 4 Rating Scale</p> <p>0 = Never 1 = Almost never 2 = Sometimes 3 = Almost always 4 = Always</p>
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Situation	Frequency of Problem				
My voice makes it difficult for people to hear me	0	1	2	3	4
People have difficulty understanding me in a noisy room	0	1	2	3	4
My voice difficulties restrict my personal & social life	0	1	2	3	4
I feel left out of the conversations because of my voice.	0	1	2	3	4
My voice problem causes me to lose income.	0	1	2	3	4
I feel as though I have to strain to produce voice	0	1	2	3	4
The clarity of my voice is unpredictable.	0	1	2	3	4
My voice problem upsets me	0	1	2	3	4
My voice makes me feel handicapped	0	1	2	3	4
People ask, "What's wrong with your voice?"	0	1	2	3	4

TOTAL	_____
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Rosen, C. A., et al. (2004). "Development and validation of the voice handicap index-10." Laryngoscope 114(9): 1549-1556.



Voice-Vibratory Assessment with Laryngeal Imaging (VALI) - Stroboscopy

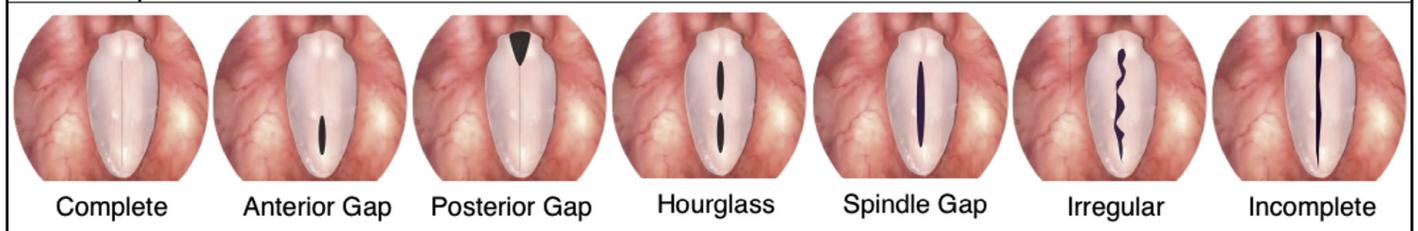
Poburka, B., Patel, R., and Bless, D. 2016

Case #:		Confirm case #:	

Glottal Closure

Definition: Appearance of glottis during the most closed portion of the glottal cycle

Rating: Rate at normal pitch and loudness.



Amplitude	
Definition:	Magnitude of lateral movement of the vocal folds.
Rating:	Rate at point of contact.

Right: _____ %
Left: _____ %

F0: _____ Hz.

Mucosal Wave	
Definition:	Magnitude of movement of the muc. membrane.
Rating:	Rate at normal pitch and loudness.

Right: _____
Left: _____

F0: _____ (Hz.)

Vertical Level	
Definition:	Do VFs meet on plane?
Rating:	Circle one

on-plane

off-plane; left lower

off-plane; right lower

Non-vibrating Portion	
Definition:	A dynamic segments of tissue that appears stiff.
Rating:	Shade in affected area. Full ovals = 10% of TVF.

Right: _____ (ovals = 10%)
Left: _____

Supraglottic Activity	
Definition:	Constriction of supraglottic structures.
Rating:	Rate anteroposterior & mediolateral planes.

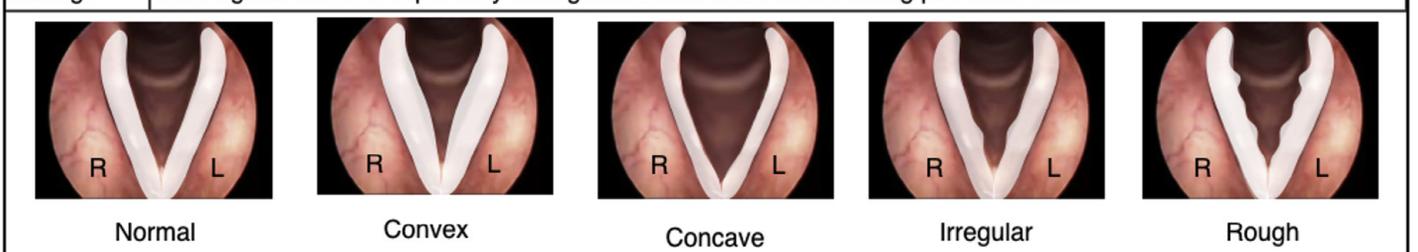
↕ A-P: _____
↔ ML: _____

F0: _____ (Hz.)

Free Edge Contour

Definition: Smoothness &/or straightness of free edge.

Rating: Rate right & left VFs separately during abduction. Write in one rating per vocal fold.



Right: _____	Left: _____
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Consensus Auditory-Perceptual Evaluation of Voice (CAPE-V)

Name: _____

Date: _____

The following parameters of voice quality will be rated upon completion of the following tasks:

1. Sustained vowels, /a/ and /i/ for 3-5 seconds duration each.
2. Sentence production:

a. The blue spot is on the key again.	d. We eat eggs every Easter.
b. How hard did he hit him?	e. My mama makes lemon muffins.
c. We were away a year ago.	f. Peter will keep at the peak.
3. Spontaneous speech in response to: "Tell me about your voice problem." or "Tell me how your voice is functioning."

Legend: C = Consistent I = Intermittent
 MI = Mildly Deviant
 MO = Moderately Deviant
 SE = Severely Deviant

			<u>SCORE</u>	
Overall Severity _____	MI	MO	SE	C I _____/100
Roughness _____	MI	MO	SE	C I _____/100
Breathiness _____	MI	MO	SE	C I _____/100
Strain _____	MI	MO	SE	C I _____/100
Pitch (Indicate the nature of the abnormality): _____	MI	MO	SE	C I _____/100
Loudness (Indicate the nature of the abnormality): _____	MI	MO	SE	C I _____/100
_____	MI	MO	SE	C I _____/100
_____	MI	MO	SE	C I _____/100

COMMENTS ABOUT RESONANCE: NORMAL OTHER (Provide description): _____

ADDITIONAL FEATURES (for example, diplophonia, fry, falsetto, asthenia, aphonia, pitch instability, tremor, wet/gurgly, or other relevant terms):

Clinician: _____