

Embouchure Dystonia Severity Rating Scale (EDSRS)

Patient name/ ID: _____ Date: _____

Instrument: _____ Rater: _____

Instructions for the rater: The patient is standing during musical performance. The performance in three musical tasks categories (ascending and descending fourths, ascending and descending scales, as well as sustained tones) covering the respective wind instrument-typical low, middle and high registers is evaluated. The chronological order of task categories can be varied. The performance is evaluated once with the rater standing between 30-45° to the left, once 30-45° to the right, i.e. rating the performance from a lateral view.

Performance is evaluated for audible and visible signs of embouchure dystonia. Audible signs are defined as blurred/insecure attack of the note, irregular pitch, tremor, inability to produce or sustain a tone. Visible signs are defined as cramping of the lips, lateral or forward movement of the jaw, dystonic facial movements.

Based on these signs, the following scores are attributed as defined below:

0: no symptoms:	No signs of dystonia audible or visible
1: possible/minimal symptoms	Minimal difficulties in the attack of a note, audible in only one of the three pieces in one register. No dystonic cramping of the embouchure visible.
2: mild symptoms:	Difficulties in the attack of a note are audible in at least one piece in at least two registers. No dystonic cramping of the embouchure visible.
3: moderate symptoms:	Onset of a note instable and insecure. Notes cannot be sustained in at least two conditions in at least two registers. Dystonic cramping of the embouchure may be visible.
4: severe symptoms:	Unable to produce a tone upon onset of a note, notes cannot be sustained in at least two registers in at least two conditions. Dystonic cramping of the embouchure is visible.

Fourths L	
Fourths R	
Sustained tones L	
Sustained tones R	
Scales L	
Scales R	
Total score	

Supplementary Figure 2. Scoring sheet. Rating is performed as outlined in the instructions. Then, the symptoms during performance of the three task categories (scales, fourths, and sustained tones) across all registers is rated separately for each body side. The sum of all item ratings represents the total score. L, left; R, right.