

Andrea Veneri

# Iperventilazione

per fisarmonica, suoni pre registrati ed elaborazione digitale del suono

*ACCORDION WAVES suona italiano*

Nuovo C.D.M.I. *prima* Collezione 2021

a cura di Patrizia Angeloni



# Sulla composizione (2020)

Iperventilazione è una composizione per fisarmonica e suoni preregistrati ed elaborazioni digitali del suono.

Questo pezzo trae ispirazione dallo stato di iperventilazione ovvero l'aumento della frequenza degli atti respiratori in condizioni di riposo che porta la quota di anidride carbonica al di sopra della quantità normale prodotta dall'organismo. Questa condizione può portare a stati di agitazione, palpitazione, vertigini, visione offuscata, stordimento e sincope. Un pezzo che, dunque, ha come punto cardine un dato che è fuori dall'ambito musicale ma che concettualmente si lega alla forma, al timbro e alle scelte compositive.

## Note per l'esecuzione

La partitura contiene l'immagine dello spettrogramma della base elettronica. Lo spettrogramma rappresenta sull'asse delle x le frequenze e sull'asse delle y il tempo e funge solo da riferimento grafico per le sincronie. Per realizzare il pezzo bisogna installare l'applicazione che permette di riprodurre il pezzo sul pc o sul mac e scaricare il file audio contenente la base dell'elettronica.

Per visualizzare il timer sincronizzato alla base elettronica sullo smartphone basta connettere ad una rete wifi entrambi i dispositivi e inserire nella barra del browser il numero ip fornito dall'applicazione. Bisogna essere forniti di una scheda audio con almeno quattro uscite indipendenti nel caso in cui si voglia eseguire la versione quadrifonica. La fisarmonica deve essere amplificata da due microfoni il più vicini possibile alla sorgente sonora.

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# Legenda

Le alterazioni poste sulla nota interessata valgono solo per quella nota.

Nel caso in cui non sia possibile eseguire tutte le note indicate negli accordi più corposi si può optare per un cluster compreso fra le note indicate alle estremità.

◊ Aria del Mantice

× Interruzione netta

[ ] Modulo di ripetizione

⌒ Pausa libera

⌒ Cluster

Movimento irregolare seguendo approssimativamente le altezze disegnate

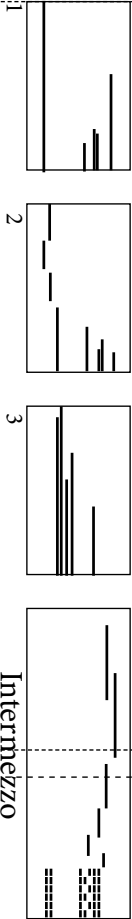
Ribattuto libero in accelerando fino alla successiva nota indicata

Apertura e chiusura del mantice in progressivo addensando fino a compulsa oscillazione ritmica del mantice

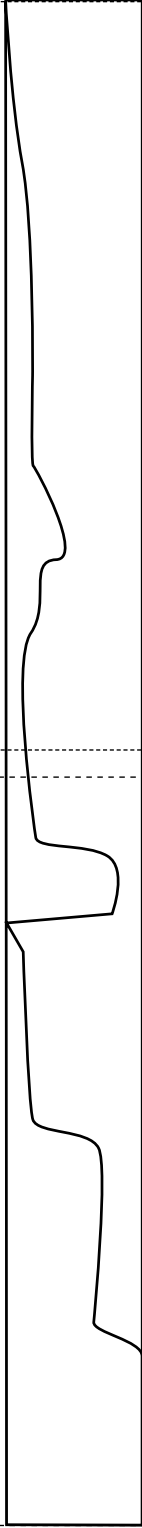
## La Forma

### Sezione 1

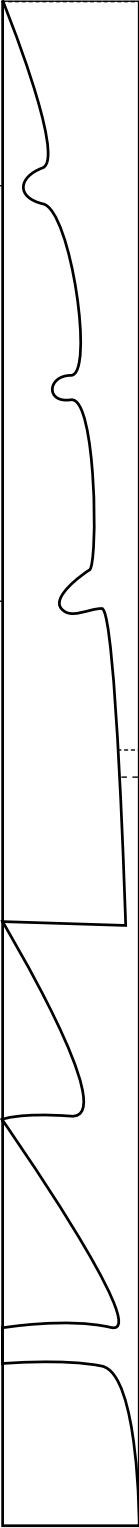
Struttura tessiturale



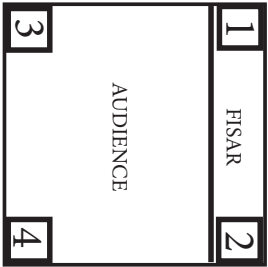
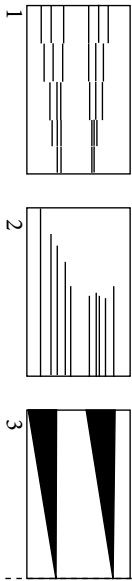
Velocità di respirazione



Tensione Formale



### Sezione 2



## Disposizione altoparlanti

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<https://soundcloud.com/menoinfinito>  
<https://www.arspolietium.com/artists/andrea-veneri/>

# The composition (2020)

Iperventilazione is a composition for accordion and prerecorded sounds and digital sound processing. This piece is inspired by the state of hyperventilation or the increase in the frequency of respiratory acts in conditions of rest which brings the amount of carbon dioxide above the normal amount produced by the body. This condition can lead to states of agitation, throbbing, dizziness, blurred vision, lightheadedness and syncope. A piece that, therefore, has as its pivotal point a fact that is outside the musical sphere but which is conceptually linked to the form, timbre and compositional choices.

## Notes for execution

The score contains an image of the spectrogram of the electronic base. The spectrogram represents frequencies on the x axis and time on the y axis and serves only as a graphic reference for synchronicities.

To create the piece, you need to install the application that allows you to play the piece on your PC or Mac and download the audio file containing the electronics base.

To view the timer synchronized to the electronic base on the smartphone, just connect both devices to a wifi network and enter the ip number provided by the application in the browser bar. You must be equipped with a sound card with at least four independent outputs in case you want to run the quadraphonic version. The accordion must be amplified by two microphones as close as possible to the sound source.

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## Legend

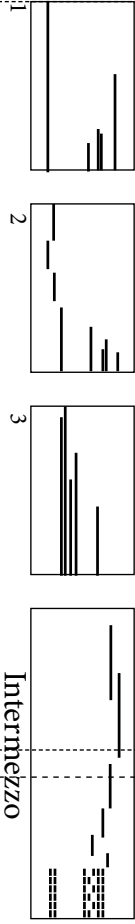
The alterations placed on the affected note are valid only for that note.  
If it is not possible to play all the notes indicated in the more full-bodied chords, you can opt for a cluster between the notes indicated at the ends.

- ◊ Air of the Bellows
- × Net interruption
- [ ] Repetition form
- ⌒ Free break
- ⌒ Cluster
- Irregular movement following approximately the heights drawn
- Free hit in accelerating up to the next indicated note
- Progressive opening and closing of the bellows thickening up to compulsive rhythmic oscillation of the bellows

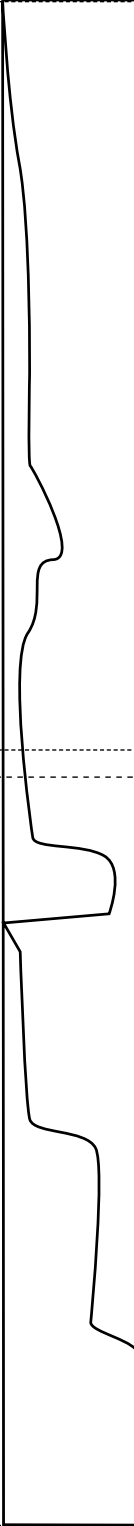
## Form

### Section 1

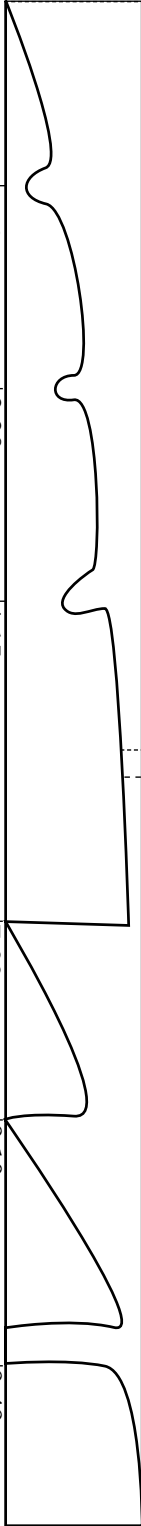
Textural structure



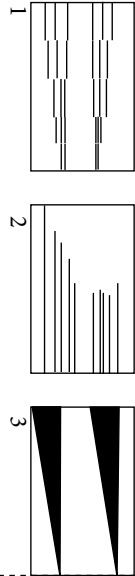
Breathing speed



Formal tension

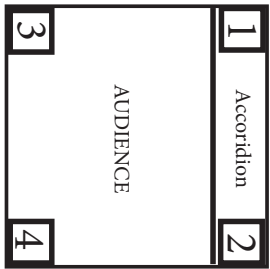


### Section 2



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<https://soundcloud.com/menoinfinio>  
<https://www.arspolecium.com/artists/andrea-veneri/>

## Speaker layout



# Iperventilazione

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(2020)

0:20 0:40 1:00 1:20 1:40 2:00

*f* *p* *f* *pp* *ff* *p* *p* *mf* *mf* *mf* *p* *f*

*15ma* *5"* *5"*

*8vb* *8vb*



This section of the score spans from 4:00 to 5:00. The spectrogram at the top shows a dense, noisy texture with a prominent horizontal band of energy around 400-500 Hz. The musical score below is written for two staves, Treble and Bass clef. The key signature has one flat (B-flat). The notation includes various dynamics and articulations:

- 4:00:** An "irregolare" (irregular) section marked with a bracket containing 's' and 'x'.
- 4:15 - 4:20:** A "molto rall." (very slowing down) section indicated by a downward-pointing arrow.
- 4:20 - 4:40:** The music features a series of notes in the Treble clef, starting with a dynamic of  $p > pp < mp$ . The Bass clef has a whole note chord.
- 4:40 - 5:00:** The music continues with a series of notes in the Treble clef, ending with a dynamic of  $mf$ . The Bass clef has a whole note chord.

This section of the score spans from 5:20 to 6:40. The spectrogram at the top shows a dense, noisy texture with a prominent horizontal band of energy around 400-500 Hz. The musical score below is written for two staves, Treble and Bass clef. The key signature has one flat (B-flat). The notation includes various dynamics and articulations:

- 5:20 - 5:40:** The music features a series of notes in the Treble clef, starting with a dynamic of  $p$ . The Bass clef has a whole note chord.
- 5:40 - 6:00:** The music continues with a series of notes in the Treble clef, ending with a dynamic of  $mf$ . The Bass clef has a whole note chord.
- 6:00 - 6:20:** The music features a series of notes in the Treble clef, starting with a dynamic of  $ff$ . The Bass clef has a whole note chord.
- 6:20 - 6:40:** The music continues with a series of notes in the Treble clef, ending with a dynamic of  $f$ . The Bass clef has a whole note chord.

|                                                                                 |      |      |      |                 |      |      |      |
|---------------------------------------------------------------------------------|------|------|------|-----------------|------|------|------|
|                                                                                 | 7:00 | 7:20 | 7:40 | 8:00<br>c.a. 3" | 8:10 | 8:20 | 8:33 |
| <p><i>p</i></p> <p><i>f</i></p> <p><i>p subito</i></p> <p><i>irregolare</i></p> |      |      |      |                 |      |      |      |

|                                                                                                                                                                  |      |      |      |      |      |      |      |       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|-------|-------|
|                                                                                                                                                                  | 8:40 | 8:55 | 9:00 | 9:20 | 9:26 | 9:40 | 9:49 | 10:00 | 10:20 |
| <p><i>mf</i></p> <p><i>irregolare</i></p> <p><i>mf</i></p> <p><i>f</i></p> <p><i>p</i></p> <p><i>f</i></p> <p><i>ff</i></p> <p><i>simile</i></p> <p><i>3</i></p> |      |      |      |      |      |      |      |       |       |

Fine riproduzione

10:30

|                           |
|---------------------------|
| <p><i>p</i></p> <p>8"</p> |
|---------------------------|