

Description on MDVP (described by Rune Sterling, student of music)

Before we begin, the recording microphone needs to be in a distance of 4 cm from the patient's mouth.

We record 3 samples /AE/, /I/ and a sentence "The blue spot is on the key again"

Each sample is recorded and analysed by the program, it divides it into 32 parameters which is displayed graphically.

/AE/ and /I/ needs to be in the patient's usual tone of voice.

When the sentence is spoken it must not be directly into the microphone, it needs to be held in a 45° angle to avoid overload in the analysis. The sentence is phonetically balanced, it holds the most important vowels

After each recording you press the "all" button to make a complete MDVP analysis.

Never forget to save, press "F6", if it is a new patient, then create a new folder and rename it as the patient's social security number.

Out of 32 parameters we pay attention to four parameters in particular jitter, shimmer, average fundamental frequency and DUV (Degree of Voicelessness)

Jitter – Frequency variation, the ability to hold a certain note for a period of 4 seconds

Shimmer – Intensity variation, the ability to control the voice and it's loudness

Fo – Average Fundamental frequency,

DUV – Degree of Voicelessness