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METHODS OF APPLYING BASIC TECHNIQUE IN VOCAL PERFORMANCE

Annotation: Vocal science is a field dedicated to studying the human voice, developing it, and expanding the artistic possibilities of vocal performers. This article explores the main goals and tasks of vocal science, including the development of technical skills, maintaining vocal health, and fostering creative approaches. The research focuses on analyzing both the theoretical and practical aspects of vocal technique, as well as improving pedagogical approaches.

Keywords: vocal science, vocal technique, vocal health, creative approach, vocal pedagogy, skill development.

Vocal science is a scientific and practical field that aims to elevate the human voice to the level of art. This field is focused not only on developing musical performance skills but also on preserving vocal health, expanding vocal capabilities, and enhancing the artist's creative dimensions. The voice is a natural gift of a person, and its proper development requires special knowledge, skills, and long-term practice. Through the art of singing, a performer conveys their emotions and creative ideas to the audience; therefore, this process demands not only technical knowledge but also deep creativity. Vocal technique is one of the most fundamental elements of vocal science, serving to control the voice and maximize its potential.

This technique primarily includes processes such as correct breathing, utilizing resonators, developing articulation, and expanding the vocal range. Correct breathing technique is the foundation of vocal art; improper breathing can lead to strain on the vocal cords, resulting in a hoarse or uneven voice. Singers often learn to breathe using the diaphragm, as this method not only strengthens and stabilizes the voice but also ensures its quality and endurance. For example, professional singers, regardless of whether they perform in classical or contemporary genres, regularly practice specific breathing exercises to maintain vocal stability. Additionally, using resonators is an inseparable part of vocal technique. The human voice depends on the natural capabilities of the resonators, and the resonance amplifies the sound, making it richer and more vibrant for the listener. The voice resonator primarily operates through the skull, mouth, and nasal cavities. By learning to properly control resonance, a singer can give their voice a deeper and more emotional tone. Furthermore, articulation is essential for an expressive vocal output. Articulation exercises ensure the clear and smooth pronunciation of words, making the performance more understandable and enjoyable for the listener. Together, these elements form a perfect vocal technique, enabling the performer to execute any musical piece at a high level.

Maintaining vocal health is one of the key aspects of vocal science, as the vocal cords are delicate in structure. Excessive strain, incorrect technique, or failure to follow hygienic guidelines can harm the voice. Professional singers adhere to certain hygiene practices to preserve their voices: they avoid cold drinks, dusty or dry environments, and refrain from straining their voices without proper

warm-up exercises. For example, to prevent vocal damage, singers regularly perform specific warm-up exercises to prepare their vocal cords for performance. Additionally, sufficient sleep and a healthy lifestyle are essential for maintaining vocal health. World-renowned singers, such as Luciano Pavarotti and Adele, have strictly followed vocal hygiene practices and regularly undergone medical checkups to maintain their voices in perfect condition for many years.

Creative approach is one of the most important elements of vocal art. Every musical piece has its own emotional mood and content, which the singer conveys to the audience through a creative interpretation. The creative process requires not only perfect control over the voice but also the ability to express individuality in the performance. When different singers perform the same piece, they give it a unique flavor through their vocal tone, style, and expression. Therefore, creative exploration should develop alongside vocal technique; through creativity, the singer establishes an emotional connection with the audience, capturing their hearts.

Vocal pedagogy is the practical aspect of vocal science, aimed at developing the voice potential of students and eliminating their technical shortcomings. Vocal pedagogues teach voice technique by taking into account the individual characteristics of each student, and help enhance their creative abilities. In this process, students learn not only technical knowledge but also creative approaches and stagecraft. For example, vocal pedagogues such as Manuel Garcia in history created innovative methods not only for voice technique but also for developing the students' creative sides. Skill development in vocal art is a continuous process. Even after achieving technical perfection, a singer must expand their capabilities by working with new pieces, genres, and complex styles. A prominent example of this is Andrea Bocelli, who has explored various genres, from classical music to modern musical styles, enriching his creative dimensions. Working on each new piece ensures the singer's growth technically, creatively, and emotionally.

Vocal art requires not only technique and theoretical knowledge but also creativity and constant hard work. By maintaining vocal health, developing technique, and harmonizing the creative approach, the singer can perfect their artistry. Therefore, vocal science is an important field that unlocks the marvelous potential of the human voice and discovers the world of creativity.

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