

Levels of Anxiety during the 1st Stage of Labour, Respectively Cervical Effacement

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Abstract : Studies have found that women, during the 1st stage of labour, respectively cervical effacement, experience anxiety. This study aims to measure the degree of anxiety during cervical effacement, using Hopkins Symptom Checklist-25 (HSCL-25) for measuring anxiety symptoms (HSCL-25). A randomized prospective study with 300 women during the 1st stage of labour was conducted where cervical effacement percentage in parallel with the symptoms of anxiety was examined. Anxiety degree levels were examined by HSCL-25. Results showed that 81% were primiparous, while 19% were multiparous. All participants experienced anxiety symptoms, and the degree of anxiety depended on the stage of the birth process. Groups-based modeling according to HSCL- 2 identified three distinct groups of anxiety symptoms: group 1 (low degree, 32 cases or 11%), group 2 (mild degree, 186 cases or 62%), and group 3 (high degree, 82 cases or 27%). Depending on the percentage of cervical effacement, the anxiety degree increased. In a cervical effacement of 0-60%, 125 cases or 41.6% had symptoms of anxiety, while in a cervical effacement of 60-100%, 174 cases or 58.4% had symptoms of anxiety (Chi-Square $X^2(4, N=300)=10.755, p=0.02$). This study showed a correlation between cervical effacement and the degree of anxiety. Further, it was found that the majority of participants experienced symptoms of anxiety during the cervical effacement process. The degree of anxiety increased in direct proportion to the degree of the cervical effacement process. The higher the percentage of cervical effacement, the higher the degree of anxiety. A continuing assessment of the psychological well-being of women throughout the birth process.

Keywords : anxiety, cervical effacement, pregnancy, HSCL-25

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