INVESTIGATION THE OPINIONS OF PREGNANT WOMEN ABOUT ENTONEX GAS FOR PAINLESS DELIVERY
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Background and objectives: With attention to different nondrug and drug methods of painless delivery such as entonex gas, but unfortunately, the most people concerned about it and having fear to use it. The purpose of this study was to assess the opinions of pregnant women about the entonex gas for painless delivery.

METHODS: In a clinical trial study we a total of 98 pregnant women in active phase of delivery was studied randomly in two group (intervention group=49, control group=49). Opinions of pregnant women about entonex gas compared with in two groups and also in intervention group in before and after using entonex gas.

FINDING: Opinions of the majority of pregnant women in intervention group (before receiving gas) and control group was poor (42/1%, 64/7%). percentage of positive opinions had increased after receiving entonex gas (p<0.05). Between opinions scores mean of intervention group in before (p<0.05) and after (p<0.05) receiving entonex gas with control group had statistically significant difference. Positive opinions in intervention group had been the more than the control group. Most differences in mean scores of opinions of intervention group in before and after receiving the gas there was in: previous experience of intolerance labor pain (p<0.05), having less information about gas as painless delivery method (p<0.05), experience more effective analgesic with using gas (p<0.05), having rate of less complications (p<0.05), and more satisfaction due to using gas (p<0.05). The amount of suffering of complication gas was mild in most intervention group (60/5%). Percentage of positive opinions women about entonex gas had increased in after receiving gas grossly and negative opinions had decreased.

CONCLUSION: This study had shown that using entonex gas had caused more positive opinion, less labor pain, more satisfaction.

Key words: labor pain, nitrous oxide, pregnancy

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