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## **Risk Factors and Safety of External Cephalic Version in the Third Trimester of Breech Presentation Pregnancy**

**Xiaoping Huang<sup>\*</sup>, Yan Zhang and Yanli Sheng**

*Department of Obstetrical, Jiangnan University Affiliated Obstetrics and Gynecology Hospital, Wuxi Maternal and Child Healthcare Hospital, China*

**KEYWORDS** Breech Presentation. Pregnancy. Safety. Effect. Treatment. Assessment

**ABSTRACT** The aim of this study was to identify the risk factors and assess the efficacy and safety of external cephalic version (ECV) for women with breech presentation pregnancy in the third trimester. A total of 50 patients with breech presentation pregnancy admitted to the researchers' hospital from March 2018 to May 2019 were recruited in this clinical trial. All patients were treated with ECV. The success rate of ECV was calculated. In addition, the influencing factors of the ECV success were statistically analysed. The overall success rate of ECV achieved up to 80.0 percent. The influencing factors associated with successful and safe ECV consisted of the palpable foetal head and the descent of foetus into the pelvic cavity (both  $P < 0.05$ ), whereas parity and placental position were not the risk factors of ECV success (both  $P > 0.05$ ). For women with breech presentation pregnancy, it is feasible to apply ECV after comprehensive assessment of the pregnancy-associated risk factors.