Effect of mifepristone and rivano on induction of labor for patients with scar uterus

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: TO study the effect of mifepristone and rivano on induction of labor for patients with scar uterus. Methods: A total of 72 cases who had scar uterus and mid-trimester pregnancy, and were admitted from October 2009 to October 2011 were selected, and randomly divided into two groups: control group with 36 cases and observation group with 36 cases. Patients in control group had intra-amniotic injection of rivano, while patients in observation group had oral administration of mifepristone and intra-amniotic injection of rivano. Uterine contraction time, childbirth time, postpartum hemorrhage volume after delivery, residual amount of placenta and fetal membranes, and the effect of induced labor were observed and compared. Results: There were significant differences in uterine contraction time, postpartum hemorrhage volume after delivery, residual amount of placenta and fetal membranes, and the effect of induced labor between two groups (P<0.05). Conclusions: Combination treatment of mifepristone and rivano is more effective than single treatment on induction of labor for patients with scar uterus. It is worthy clinical application.

[KEY WORDS] Scar uterus; Midtrimester induction of labor; Mifepristone; Rivano