

### TWIN PREGNANCY IN A NON-COMMUNICATING UTERINE HORN RUPTURE AND FETAL SALVAGE

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A case is presented of twin pregnancy in an uncommunicating rudimentary uterine horn. The pregnancy proceeded to 23 gestational weeks, when the rudimentary horn ruptured. At laparotomy two salvaged fetuses were lying free in the peritoneal cavity delivered and ruptured horn was repaired with primary closure.

**KEY WORDS:** Twin pregnancy, uterine anomaly, uterine rupture,

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### BLOOD PRESSURE CHANGE DURING SECOND TRIMESTER PREGNANCY TERMINATION USING MISOPROSTOL

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**OBJECTIVE:** To investigate whether misoprostol for second trimester pregnancy termination has any effect on hemodynamics of patients. **METHODS:** A total of 66 women were subjected for second trimester pregnancy termination. Misoprostol administered intravaginally 800 µg every 6 h up to a maximum of 3 doses in 24 h for maximum of 48 hr. Blood pressure (BP) was measured before and 4 hr after the first dose of misoprostol using auscultatory method from right antecubital artery with regard to Korotkoff sound five. **RESULTS:** One patient excluded from the study. Mean age, parity and gestational ages of patients were  $28 \pm 1.1$  year,  $1.1 \pm 1.3$  and  $20.2 \pm 1.2$  weeks respectively. The overall mean induction-abortion interval was  $12.2 \pm 7.1$  h. Fifty seven of 65 patients (87.7%) delivered within 24 h. None of the patient required further interventions to affect delivery since all of them were aborted within 48 hours (100% success rate). There was a significant decrease in fourth hr systolic ( $p < 0.001$ ) and diastolic ( $p < 0.001$ ) BP with respect to baseline (Table 1). **CONCLUSION:** Hemodynamic evaluation of all patients in the present study showed that systolic and diastolic BP decreased significantly. If this finding is supported by larger randomised prospective clinical trials, it will be possible to benefit from uterotonic action and the antihypertensive effect of misoprostol concomitantly especially during the 3rd and 4th stages of delivery in patients with hypertensive disorders.

**Table 1** Overall BP change of patients (n=65)

	Baseline	4 hrs later	P* value
Systolic BP (mmHg)	$118.4 \pm 14.6$	$104.8 \pm 13.6$	$<0.001$
Diastolic BP (mmHg)	$77.5 \pm 10.7$	$67.1 \pm 10.6$	$<0.001$

BP; blood pressure, Values are means  $\pm$  SD, \* Paired samples t-test

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