Uterine rupture is a major obstetric emergency as a threat to the life of the fetus and of the mother as well. The overall incidence of uterine rupture during pregnancy is 0.07% and the incidence of uterine rupture on an unscarred uterus is 0.012%. Fetal mortality is 60-70%. The most common risk factor for uterine rupture is represented by the uterine scar, and most cases occur in patients with a history of birth by caesarean section. Normally, on nuligest patient uterine rupture is considered to be almost impossible. Rupture of a pregnant uterus in early pregnancy and an unscarred uterus are extremely rare, and some non-specific symptoms might appear before this occurrence, thereby delaying the diagnostic and therapeutic management. Therefore, early diagnosis and emergency surgery are critical to decrease maternal and fetal mortality. Maternal and fetal prognosis is reserved and even more serious as uterine rupture occurs on an unscarred uterus.

We present a rare case of spontaneous uterine rupture on a nuligest patient with unscarred, malformed uterus (double), in an early secondary trimester pregnancy (15 weeks).