VON VOIGTLANDER WOMEN'S HOSPITAL
MICHIGAN MEDICINE

Comparing Outcomes of the Mother in The MOM Study

The Management of Myelomeningocele Study (MOMS) compared the mother's outcome after correcting spinal defects in the fetus due to Myelomeningocele (MMC) (a severe form of spina bifida). The study compared outcomes in women who had **prenatal** (before birth) surgical repair and **postnatal** (after birth) surgical repair.

Below are the results of MOMS. The table compares the percentage of women with certain pregnancy outcomes based on the type of surgery they had:

	Prenatal Surgery for fetal MMC	**Postnatal Surgery for fetal MMC**
Preterm, Premature Rupture of Membranes (PPROM): A pregnancy complication in which the sac surrounding your baby breaks before week 37 of pregnancy. This can lead to a higher chance of infection and having the baby early.	46%	8%
Average gestational age (number of weeks) at birth	34.1 weeks	37.1 weeks
Gestational age (length of pregnancy) less than 30 weeks	13%	0%
Gestational age (length of pregnancy) 30 -34.6 weeks	33%	5%
Mother needing a blood transfusion at delivery	9%	1%
Chance of uterus rupturing with next pregnancy	11%	0%

Information from the MOMS Trial NEJM. Uterine rupture rate from MMC Registry, North American Fetal Therapy Network (NAFTNet)

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