

My Baby's Movements Table 2: Primary and secondary analysis endpoints

MBM trial groups†			
	Intervention	Control	aOR* (95% CI) p-value
Primary endpoint			
Stillbirths 28+ weeks	312/140,140 [2.2]	367/150,079 [2.4]	1.18 (0.93, 1.50) p=0.18
Key secondary endpoints‡			
Induction of labour 28+ weeks	48,915/140,140 (34.9)	49,422/150,079 (32.9)	0.99 (0.97, 1.02) p=0.80
Caesarean section 28+ weeks	44,549/140,140 (31.8)	47,856/150,079 (31.9)	0.99 (0.97, 1.03) p=0.87
Admission to neonatal nursery 28+ weeks	13,639/139,828 (9.8)	17,719/149,712 (11.8)	0.90 (0.87, 0.94) p<0.01
Admission to neonatal nursery >48 hrs 28+ weeks	7,598/ 139,828 (5.4)	9,808/149,712 (6.6)	0.95 (0.92, 0.99) p=0.01
Composite adverse neonatal outcome 28+ weeks	10,974/139,828 (7.9)	13,063/149,712 (8.7)	1.06 (1.01, 1.11) p=0.03
Small for gestational age 40+ weeks	1,074/45,214 (2.4)	1,235/50,005 (2.5)	1.06 (0.93, 1.22) p=0.39
Post-hoc exploratory endpoints‡			
Preterm births <37 weeks in births 20 weeks or more	11,118/141,339 (7.9)	12,139/151,485 (8.0)	1.04 (0.99, 1.09) p=0.09
Stillbirths 20+ weeks	714/141,339 [5.1]	808/151,485 [5.3]	1.09 (0.92, 1.28) p=0.33
Stillbirths 24+ weeks	435/140,903 [3.1]	499/150,940 [3.3]	1.12 (0.91, 1.37) p=0.29
Stillbirths 37+ weeks	143/130,221 [1.1]	157/139,346 [1.1]	1.34 (0.95, 1.88) p=0.09
Neonatal death 28+ weeks	133/140,140 [0.9]	183/150,079 [1.2]	0.81 (0.54, 1.22) p=0.31
Perinatal deaths 28+ weeks	445/140,140 [3.2]	550/150,079 [3.7]	1.07 (0.86, 1.31) p=0.56
Neonatal deaths 20+ weeks gestation or more	336/141,339 [2.4]	448/151,485 [3.0]	0.85 (0.67, 1.09) p=0.20
Perinatal deaths 20 weeks gestation or more	1,050/141,339 [7.4]	1,256/151,485 [8.3]	1.02 (0.88, 1.18) p=0.78

*aOR = Adjusted Odd Ratio comparing Intervention and Control MBM trial groups adjusted for calendar time, cluster, and hospital effects.

†Data are reported as n/N [rate per 1,000 births] and n/N (%). Denominator for admission to neonatal nursery excludes stillbirths. Composite measure of adverse neonatal outcome defined as one or more of the following in births of 28 weeks' or more gestation: neonatal death (death of a liveborn infant up to 28 days of life); hypoxic ischemic encephalopathy; neonatal seizures; Meconium Aspiration Syndrome; umbilical artery pH <7.0; intubation and ventilation at birth; use of mechanical ventilation (any); neonatal nursery admission >48 hours (including either special or intensive care). Small for gestational age (defined as birthweight below 10th centile according to Intergrowth)

‡Confidence intervals and p-values for secondary and exploratory endpoints were not adjusted for statistical multiplicity.

It made no material difference to the results whether calendar time was fitted as a dichotomous variable (before/after Jan-18) or 4-monthly indicator variables, or as a linear, quadratic or cubic function of days from trial commencement. The intraclass correlation for all stillbirth models was 0.005. ICCs were larger for some of the more frequent outcomes (e.g., induction).