

Appendix 1.

List of participating centers and collaborators of the JUMODA (JUmeaux Mode d'Accouchement) study group and the GROG (Groupe de Recherche en Obstétrique et Gynécologie):

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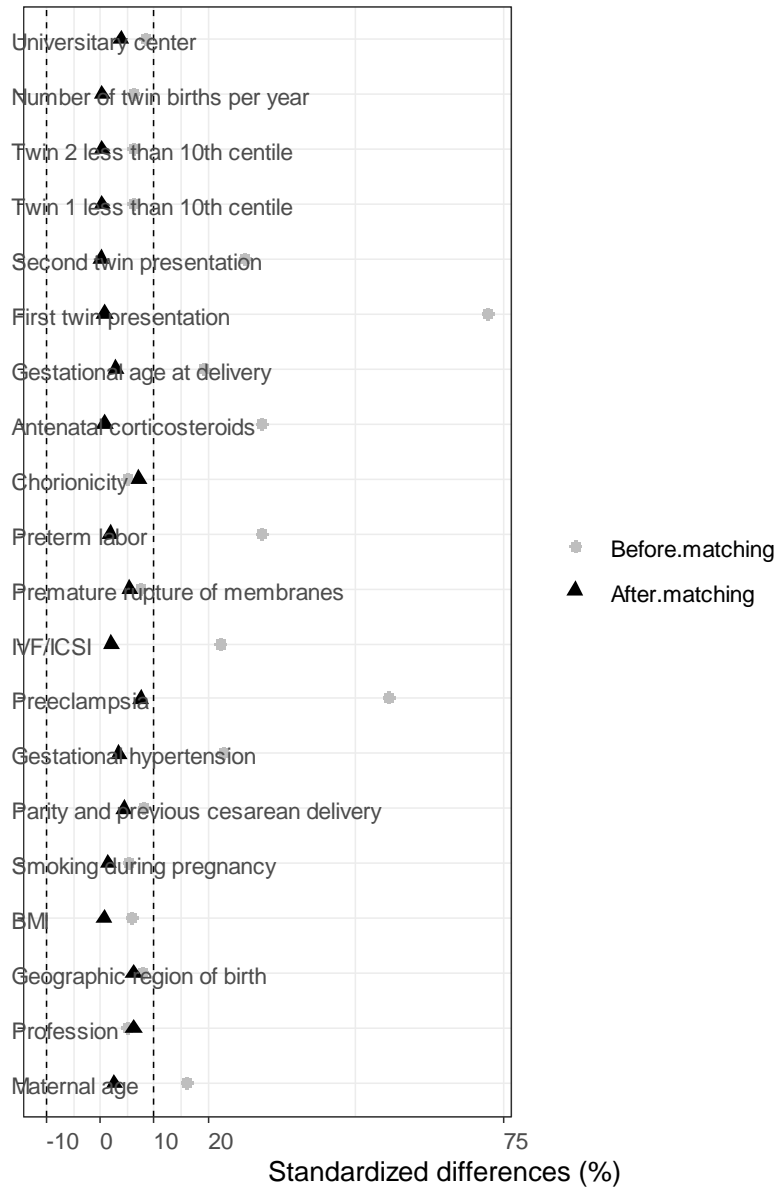
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Appendix 2. Standardized differences before and after inverse probability of treatment weighting.



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Appendix 3. Neonatal Outcomes for First and Second Twin According to Planned Mode of Delivery for Very Preterm Twin Pregnancies

	First twin				Second twin			
	PCD	PVD	p	Crude RR (95%CI)	PCD	PVD	p	Crude RR (95%CI)
	N=192 n %	N=232 n %			N=192 n %	N=232 n %		
Survival at discharge without severe neonatal morbidity*	151 (78.7)	194 (83.6)	.19	1.72 (0.44-1.18)	157 (81.8)	181 (78.0)	.34	0.79 (0.49-1.28)
Death	5 (2.6)	1 (0.4)	.06		7 (3.7)	4 (0.9)	.22	
Intrapartum	0	0			0	0		
Neonatal	5	1			7	4		
Severe neonatal morbidity								
Bronchopulmonary dysplasia	30 (15.6)	31 (13.4)	.57		25 (13.0)	43 (18.7)	.11	
Intraventricular hemorrhage grade III-IV	5 (2.6)	5 (2.2)	.76		2 (1.0)	4 (1.7)	.55	
Periventricular leukomalacia	4 (2.1)	2 (0.9)	.31		3 (1.6)	2 (0.9)	.53	
Necrotizing enterocolitis grade ≥2	5 (2.6)	3 (1.3)	.32		1 (0.5)	3 (1.3)	.41	
Other neonatal morbidity outcomes								
Apgar score less than 4 at 5 min	7 (3.7)	4 (1.7)	.22		4 (2.1)	5 (2.2)	.96	
Neonatal trauma	1 (0.5)	0	-		2 (1.0)	1 (0.4)	.46	
Long bone fracture	1	0			2	1		
Brachial plexus palsy	0	0			0	0		
Skull fracture	0	0			0	0		
Encephalopathy	0	0	-		0	1 (0.5)	-	
2 or more seizures within 72 h after birth	0	0	-		0	0	-	
Endotracheal tube greater than 24 h within 72 h after birth	56 (29.2)	50 (21.6)	.07		55 (28.7)	61 (26.3)	.59	
Proven neonatal sepsis	30 (15.6)	34 (14.7)	.78		27 (14.1)	33 (14.2)	.96	

* Severe neonatal morbidity defined as any of the following: bronchopulmonary dysplasia, grade-3 or -4 intraventricular hemorrhage, periventricular leukomalacia, stage-2 or -3 necrotizing enterocolitis

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Appendix 4. Neonatal Outcomes According to Planned Mode of Delivery for Very Preterm Twin Pregnancies With Spontaneous Preterm Births (n=702)

	PCD N=240 n %	PVD N=462 n %	p
Primary outcome			
Survival at discharge without severe neonatal morbidity*	189 (78.8)	373 (80.4)	.53
Secondary outcomes			
Death	8 (3.3)	5 (1.1)	.04
Intrapartum	0	0	
Neonatal	8	5	
Severe neonatal morbidity			
Bronchopulmonary dysplasia	36 (15.0)	74 (16.0)	.73
Intraventricular hemorrhage grade III-IV	6 (2.5)	9 (2.0)	.63
Periventricular leukomalacia	7 (2.9)	4 (0.9)	.04
Necrotizing enterocolitis grade ≥2	3 (1.3)	6 (1.3)	.96
Other neonatal morbidity outcomes			
Apgar score less than 4 at 5 min	8 (3.3)	9 (2.0)	.26
Neonatal trauma	3 (1.3)	1 (0.2)	0.08
Encephalopathy	0	1 (0.2)	-
2 or more seizures within 72 h after birth	0	0	-
Endotracheal tube greater than 24 h within 72 h after birth	68 (28.3)	111 (24.0)	.21
Proven neonatal sepsis	38 (15.8)	67 (14.5)	.64

* Severe neonatal morbidity defined as any of the following: bronchopulmonary dysplasia, grade-3 or -4 intraventricular hemorrhage, periventricular leukomalacia, stage-2 or -3 necrotizing enterocolitis.