**Documentation for the PPH and Oxytocin Route Study**

Administration of oxytocin is recommended for prevention of PPH (blood loss) during the third stage of labor, however, research on the route of administration is scarce. A double-blind randomized controlled trial investigated the effect of route of prophylactic administration of oxytocin (IV infusion or IM injection) on PPH outcomes[[1]](#footnote-1). Study subjects (n = 477) identified as women and were in active labor at a hospital in Argentina. All women consented to be the study, didn’t have a c-section, and had heart rate and blood pressure measurements taken throughout the delivery.

There are 42 variables on this file. The following is a brief description of the variables:

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| --- | --- | --- |
| **Variable Name** | **Description** | **Additional Information** |
| PatientID | Patient’s ID | 3001-3549 |
| Age | Age | years |
| EdStatus | Education status | no diploma  HS diploma  post secondary |
| MaritalStatus | Marital status | 1 = Married/Union  2 = Single  3 = Widowed/Divorced |
| BBO | Baby’s birth order | first  second  third or more |
| GestAge | Gestational age | weeks |
| Diploma | Does the mother have a high school diploma? | 0 = no  1 = yes |
| Partner | Does the mother have a legal partner at home (either married or in a civil union)? | 0 = no  1 = yes |
| Only | Will this baby be an only child? | 0 = no  1 = yes |
| PriorPPH | Prior PPH indicator | 0 = No prior PPH  1 = prior PPH  2 = Not known |
| NoPriorIllness | No prior illness/condition upon arrival to hospital indicator | 1 = No prior illness/condition  0 = Yes prior illness/condition |
| HypertensionStatus | Prior chronic hypertension indicator | 1 = Prior chronic hypertension  0 = No prior chronic hypertension |
| PreeclampsiaStatus | Prior pre-eclampsia indicator | 1 = Prior pre-eclampsia  0 = No prior pre-eclampsia |
| DiabetesStatus | Prior diabetes indicator | 1 = Prior diabetes  0 = No prior diabetes |
| EpilepsyStatus | Prior epilepsy indicator | 1 = Prior epilepsy  0 = No prior epilepsy |
| AsthmaStatus | Prior asthma indicator | 1 = Prior asthma  0 = No prior asthma |
| HbBaseline | Prepartum Hemoglobin (Hb) measurement [baseline] | grams/deciliter (g/dL) |
| SBPBaseline | Prepartum systolic blood pressure (SBP) [baseline] | millimeters of Mercury (mmHg) |
| DBPBaseline | Prepartum diastolic blood pressure (DBP) [baseline] | millimeters of Mercury (mmHg) |
| HRBaseline | Prepartum pulse rate (HR) [baseline] | beats/minute |
| StudyGroup | Study group indicator | IV = IV infusion  IM = IM injection |
| SBP15 | Systolic blood pressure (SBP) 15 minutes after birth | millimeters of Mercury (mmHg) |
| DBP15 | Diastolic blood pressure (DBP) 15 minutes after birth | millimeters of Mercury (mmHg) |
| HR15 | Pulse rate (HR) 15 minutes after birth | beats/minute |
| SBP30 | Systolic blood pressure (SBP) 30 minutes after birth | millimeters of Mercury (mmHg) |
| DBP30 | Diastolic blood pressure (DBP) 30 minutes after birth | millimeters of Mercury (mmHg) |
| HR30 | Pulse rate (HR) 30 minutes after birth | beats/minute |
| BloodLoss30 | Blood loss 30 minutes after birth | milliliters (ml) |
| SBP45 | Systolic blood pressure (SBP) 45 minutes after birth | millimeters of Mercury (mmHg) |
| DBP45 | Diastolic blood pressure (DBP) 45 minutes after birth | millimeters of Mercury (mmHg) |
| HR45 | Pulse rate (HR) 45 minutes after birth | beats/minute |
| SBP60 | Systolic blood pressure (SBP) 60 minutes after birth | millimeters of Mercury (mmHg) |
| DBP60 | Diastolic blood pressure (DBP) 60 minutes after birth | millimeters of Mercury (mmHg) |
| HR60 | Pulse rate (HR) 60 minutes after birth | beats/minute |
| BloodLoss60 | Blood loss (in mL) 60 minutes after birth | milliliters (mL) |
| DiagPPHStatus | Diagnosed PPH indicator | 1 = Diagnosed with PPH  0 = Not diagnosed with PPH |
| TotalBloodLoss | Total blood loss when active bleeding stopped | milliters (mL) |
| HbPost | Postpartum Hemoglobin (Hb) measurement [post] | grams/deciliter (g/dL) |
| BL500 | Total blood loss equals or exceeds 500 mL indicator | 1 = Total blood loss ≥ 500 mL  0 = Total blood loss < 500 mL |
| BL750 | Total blood loss equals or exceeds 750 mL indicator | 1 = Total blood loss ≥ 750 mL  0 = Total blood loss < 750 mL |
| BL1000 | Total blood loss equals or exceeds 1000 mL indicator | 1 = Total blood loss ≥ 1000 mL  0 = Total blood loss < 1000 mL |
| BL1500 | Total blood loss equals or exceeds 1500 mL indicator | 1 = Total blood loss ≥ 1500 mL  0 = Total blood loss < 1500 mL |

1. Durocher, J., Dzuba, I. G., Carroli, G., Morales, E. M., Aguirre, J. D., Martin, R., ... & Winikoff, B. (2019). Does route matter? Impact of route of oxytocin administration on postpartum bleeding: A double-blind, randomized controlled trial. *PLOS ONE*, *14*(10), e0222981. [↑](#footnote-ref-1)