

Supplementary Table 1. Multivariate Analysis of prenatal influencers on neonatal outcome in infants born growth restricted before completed 32 weeks of gestation. Adjustment was done for significant results of the univariate analysis and in a second analysis additionally for PETN. Result are reported for significant results of the univariate analysis.

	Risk factor	Adjustment was done for significant results from univariate analysis			Adjustment was done for significant results from univariate analysis and PETN intake		
		OR	confidence interval	p	OR	confidence interval	p
Neonatal Outcome Death (any)	GA at birth (days)	0.927	0.880 - 0.977	0.005	0.18	0.865 - 0.973	0.004
	Birthweight (pc)	0.573	0.412 - 0.797	0.001	0.570	0.406 - 0.801	0.001
	GA CPR < 1(weeks)	0.762	0.537 - 1.080	0.127	0.784	0.545 - 1.127	0.189
	Maternal age (years)	0.958	0.828 - 1.109	0.566	0.928	0.796 - 1.083	0.344
	Maternal BMI (kg/m ²)	1.123	0.986 - 1.279	0.081	1.112	0.975 - 1.268	0.114
	gender: female	0.284	0.043 - 1.873	0.191	0.217	0.028 - 1.680	0.143
	PETN				2.911	0.508 - 16.675	0.230
Postnatal death	GA at birth (days)	0.973	0.946 - 1.000	0.052	0.974	0.947 - 1.002	0.069
	Maternal age (years)	0.918	0.834 - 1.010	0.078	0.895	0.803 - 0.997	0.045
	Maternal BMI (kg/m ²)	1.016	0.935 - 1.104	0.714	1.002	0.919 - 1.092	0.968
	gender: female	0.83	0.272 - 2.533	0.743	0.842	0.272 - 2.603	0.765
	PETN				2.195	0.662 - 7.280	0.199
Mortality and severe neonatal morbidity	GA at birth (days)	0.929	0.867 - 0.995	0.034	0.912	0.843 - 0.987	0.023
	Birthweight (pc)	0.482	0.301 - 0.773	0.002	0.428	0.233 - 0.786	0.006
	GA CPR < 1(weeks)	0.660	0.454 - 0.960	0.030	0.659	0.420 - 1.033	0.069*
	APGAR score at 5 minutes	0.885	0.450 - 1.743	0.725	0.729	0.335 - 1.589	0.427
	Maternal age (years)	1.067	0.923 - 1.234	0.381	1.019	0.851 - 1.221	0.839
	Maternal BMI (kg/m ²)	1.071	0.916 - 1.252	0.392	1.027	0.865 - 1.219	0.761
	gender: female	0.105	0.005 - 2.362	0.156	0.033	0.001 - 2.140	0.109
	PETN				8.032	0.717 - 89.924	0.091
Postnatal mortality and severe neonatal morbidity	GA at birth (days)	0.936	0.874 - 1.002	0.057	0.921	0.851 - 0.997	0.042*
	Birthweight (pc)	0.474	0.294 - 0.764	0.002	0.435	0.240 - 0.787	0.006
	GA CPR < 1(weeks)	0.655	0.447 - 0.961	0.031	0.683	0.437 - 1.068	0.095*
	APGAR score at 5 minutes	0.910	0.453 - 1.86	0.790	2.660	0.328 - 21.592	0.360
	Maternal age (years)	1.034	0.884 - 1.208	0.678	0.777	0.343 - 1.761	0.546
	Maternal BMI (kg/m ²)	1.081	0.915 - 1.278	0.359	0.991	0.820 - 1.198	0.927
	Gender: female	0.128	0.006 - 2.949	0.199	1.039	0.864 - 1.249	0.683
	PETN				0.530	0.001 - 3.471	0.168
Severe neonatal morbidity	GA at birth (days)	0.932	0.863 - 1.007	0.076	6.934	0.692 - 69.489	0.100
	Birthweight (pc)	0.529	0.313 - 0.896	0.018	0.926	0.852 - 1.007	0.073
	GA CPR < 1 (weeks)	0.525	0.320 - 0.862	0.011	0.521	0.295 - 0.917	0.024
	NA pH	0.682	0.230 - 2.023	0.490	0.533	0.317 - 0.898	0.018
	Maternal age (years)	1.127	0.938 - 1.354	0.203	0.770	0.258 - 2.296	0.639
	Maternal BMI (kg/m ²)	1.074	0.889 - 1.297	0.462	1.107	0.910 - 1.346	0.310
	gender: female	0.075	0.002 - 3.661	0.192	1.064	0.879 - 1.288	0.526
	PETN				0.068	0.001 - 4.602	0.211
IVH (any)	Maternal age (years)	0.91	0.832 - 0.996	0.040	2.325	0.231 - 23.357	0.474
	Maternal BMI (kg/m ²)	0.963	0.884 - 1.050	0.392	0.904	0.822 - 0.994	0.038
	gender: female	1.373	0.470 - 4.011	0.562	0.960	0.880 - 1.047	0.355
	PETN				0.904	0.822 - 0.994	0.551
severe IVH (grade III or III+)	Emergency C-section	7.352	1.222 - 44.24	0.029	1.330	0.427 - 4.145	0.623
	Maternal age (years)	0.909	0.774 - 1.066	0.240	6.842	1.135 - 41.245	0.036
	Maternal BMI (kg/m ²)	3.996	0.795 - 1.104	0.645	0.895	0.753 - 1.064	0.209
	gender: female	0.985	0.170 - 5.696	0.987	0.925	0.779 - 1.099	0.375
	PETN				1.109	0.186 - 6.611	0.910
PHT (any)	Birthweight (pc)	0.830	0.631 - 1.093	0.185	1.750	0.255 - 12.021	0.569
	GA CPR < 1 (weeks)	0.677	0.499 - 0.920	0.013	0.841	0.635 - 1.114	0.228
	Maternal age (years)	0.909	0.791 - 1.045	0.179	0.692	0.504 - 0.950	0.023
	Maternal BMI (kg/m ²)	0.977	0.860 - 1.109	0.715	0.898	0.774 - 1.043	0.159
	gender: female	0.782	0.154 - 3.962	0.766	0.971	0.854 - 1.105	0.660
	PETN				0.757	0.145 - 3.948	0.742
	Birthweight (pc)	0.807	0.599 - 1.089	0.161	1.500	0.285 - 7.902	0.633

PHT requiring NO therapy	GA CPR < 1 (weeks)	0.713	0.521 - 0.975	0.034	0.995	0.873 - 1.135	0.941
	Maternal age (years)	0.883	0.754 - 1.033	0.119	0.741	0.536 - 1.026	0.071*
	Maternal BMI (kg/m ²)	1.004	0.882 - 1.143	0.954	0.885	0.730 - 1.025	0.094
	gender: female	0.647	0.115 - 3.640	0.621	0.995	0.873 - 1.135	0.941
	PETN				0.619	0.104 - 3.670	0.597
Gastrointestinal complications requiring surgery	GA at birth (days)	0.972	0.921 - 1.025	0.296	1.991	0.334 - 11.871	0.450
	Birthweight (pc)	0.701	0.499 - 0.986	0.041	0.984	0.937 - 1.034	0.534
	GA CPR < 1 (weeks)	0.601	0.388 - 0.931	0.023	0.752	0.552 - 1.024	0.070*
	Maternal age (years)	1.148	0.977 - 1.349	0.094	0.670	0.457 - 0.980	0.039
	Maternal BMI (kg/m ²)	1.061	0.916 - 1.229	0.427	3.061	0.378 - 24.780	0.431
	gender: female	6.379	0.639 - 63.687	0.114	0.724	0.004 - 117.935	0.736
	PETN				1.117	0.971 - 1.286	0.122
BPD	GA at birth (days)	0.937	0.889 - 0.989	0.017	1.045	0.913 - 1.196	0.523
	GA CPR < 1 (weeks)	0.838	0.602 - 1.165	0.292	2.973	0.403 - 21.942	0.285
	Maternal age (years)	0.998	0.870 - 1.145	0.980	0.561	0.093 - 3.377	0.528
	Maternal BMI (kg/m ²)	1.003	0.879 - 1.145	0.964	0.939	0.890 - 0.991	0.022
	gender: female	0.725	0.144 - 3.649	0.696	0.813	0.571 - 1.159	0.253
	PETN				1.006	0.875 - 1.157	0.933
ROP	GA at birth (days)	0.859	0.773 - 0.954	0.005	1.005	0.879 - 1.148	0.945
	APGAR score at 5 minutes	1.082	0.347 - 3.373	0.892	0.763	0.150 - 3.888	0.745
	Maternal age (years)	0.943	0.790 - 1.126	0.519	0.670	0.139 - 3.236	0.618
	Maternal BMI (kg/m ²)	1.139	0.906 - 1.433	0.265	0.858	0.722 - 0.954	0.005
	gender: female	0.217	0.016 - 2.899	0.248	1.087	0.346 - 3.411	0.886
	PETN				0.936	0.768 - 1.142	0.516
Discharge supported by home medical equipment	GA at birth (days)	0.945	0.905 - 0.987	0.010	1.136	0.901 - 1.433	0.280
	Maternal age (years)	1.043	0.930 - 1.170	0.475	0.229	0.016 - 3.273	0.277
	Maternal BMI (kg/m ²)	1.019	0.900 - 1.155	0.763	1.237	0.108 - 14.117	0.864
	gender: female	0.581	0.103 - 3.277	0.539	- 0.486	(- 1.153) - 0.180	0.139*
	PETN				- 4.090	(- 6.914) - (- 1.267)	0.008
Length of stay on NICU - discharge (Survivors)	GA at birth (days)	- 0.792	- 1.547 - - 0.037	0.041	- 6.294	(- 16.468) - 3.881	0.204
	GA CPR < 1 (weeks)	- 3.630	- 7.024 - - 0.235	0.038	21.121	(- 10.197) - 52.439	0.169
	APGAR score at 5 minutes	- 3.134	- 15.107 - 8.839	0.583	44.542	8.568 - 80.516	0.019*
	Mode of delivery (secondary vs. primary C-section)	- 2.174	- 33.278 - 28.929	0.883	2.283	(- 17.222) - 21.788	0.804
	DV: reverse flow	37.174	- 5.877 - 80.226	0.085	0.540	(- 0.850) - 1.931	0.416
	Stressed obstetric history (yes)	12.010	- 9.814 - 33.834	0.258	- 0.749	(- 2.191) - 0.693	0.282
	Maternal age (years)	- 0.232	- 1.754 - 1.291	0.749	5.430	(- 10.521) - 21.382	0.475
	Maternal BMI (kg/m ²)	0.093	- 1.468 - 1.654	0.093	- 21.141	(- 37.429) - (- 4.853)	0.015*
	gender: female	5.659	- 13.672 - 24.990	0.540	0.18	0.865 - 0.973	0.004*
	PETN				0.570	0.406 - 0.801	0.00*1