

Table 2. Severity of factors from HIE neonates exposed to maternal diabetes compared to non-exposed neonates.

<i>Neonatal assessment</i>	None-IDM	IDM	<i>p-value</i>
	n = 71	n =14	
Days on ventilatory support [‡] , median [IQR]	4 [21]	8 [23]	**P=0.0047^c
Invasive ventilation support, n (%)	51 (71.8)	10 (71.4)	<i>P</i> >0.9999 ^c
Age at full oral feeds, days, median [IQR]	7 [41]	15 [91]	*P=0.0432^c
Discharge with gavage, n (%)	9 (12.7)	5 (35.7)	*P=0.0490^b
Length of NICU stay, days, median [IQR]	11 [38]	18 [24]	*P=0.0483^c
At least one hypoglycemia, n (%)	21 (29.6)	7 (50.0)	<i>P</i> =0.2117 ^b
Number of hypoglycemia, median [IQR]	1 [13]	3 [20]	*P=0.0202^c
Multiple hypoglycemic episodes, n (%)	6 (8.4)	6 (42.8)	**P=0.0036^b
At least one hyperglycemia, n (%)	43 (60.6)	10 (71.4)	<i>P</i> =0.5537 ^b
Insulin prescribed, n (%)	2 (14.3)	12 (85.7)	<i>P</i> >0.9999 ^b
Lowest hypoglycemia, mean (SD)	1.8 (0.8)	1.4 (0.5)	<i>P</i> =0.2296 ^a
Highest hyperglycemia, median [IQR]	14.4 [30.7]	13.7 [12.7]	<i>P</i> =0.7464 ^c
Duration of abnormally low glycemia, hours, mean (SD)	1.0 (3.7)	5.4 (11.5)	*P=0.0100^a
Duration of abnormally high glycemia, hours, mean (SD)	12.9 (23.3)	8.6 (10.5)	<i>P</i> =0.2583 ^a
Renal insufficiency, n (%)	50 (70.4)	10 (71.4)	<i>P</i> >0.9999 ^b
Duration renal insufficiency, hours, median [IQR]	35.0 [360.0]	43.5 [157.0]	<i>P</i> =0.9645 ^c
Hepatic enzymes elevation, n (%)	38 (53.5)	7 (50.0)	<i>P</i> >0.9999 ^b
Duration of hepatic enzymes elevation, hours, median [IQR]	26.0 [312.0]	16.0 [450.0]	<i>P</i> =0.8602 ^c
Hematologic dysfunction [§] , n (%)	33 (46.5)	6 (42.9)	<i>P</i> >0.9999 ^b
Duration of hematologic dysfunction, hours, median [IQR]	0 [240]	0 [281]	<i>P</i> =0.9567 ^c
Myocardial dysfunction, n (%)	5 (7.0)	1 (7.1)	<i>P</i> >0.9999 ^b
Hypotension [¶] , n (%)	45 (63.4)	8 (57.1)	<i>P</i> =0.7651 ^b
Vasopressors, n (%)	25 (35.2)	3 (21.4)	<i>P</i> =0.3707 ^b
Antiseizure medications, n (%)			<i>P</i> =0.2525 ^b
None	33 (46.5)	4 (28.6)	
Phenobarbital	38 (53.5)	10 (71.4)	
≥ 2 AEDs	20 (28.2)	4 (28.6)	<i>P</i> >0.9999 ^b

NICU, neonatal intensive care unit; AED, antiepileptic drug

‡Defined as number of days on invasive, non invasive ventilation or nasal canula

§ Defined as INR>1.8 or platelets <50 000 with need of transfusion

¶Treated with fluids, cortisone or vasopressors

^a*P* values by Independent sample t-tests^b*P* values by Fisher's exact test^c*P* values by Mann-Whitney U test