

**Table 6** Relationship between other risk factors and neurodevelopmental impairments at 2 years of age by gestational age, groups of <34 GWS and >34 GWS

Variable	Hearing impairment					Visual impairment					Language impairment					Motor impairment				
	<34	>34	OR	95% CI	p-value*	<34	>34	OR	95% CI	p-value*	<34	>34	OR	95% CI	p-value*	<34	>34	OR	95% CI	p-value*
	SDG n=16	SDG n=103				SDG n=16	SDG n=103				SDG n=16	SDG n=103				SDG n=16	SDG n=103			
ECN IA-IB	2	1	1.34	0.59–3	0.127	0	0	-	-	-	0	4	1.48	0.72–3.03	0.491	0	0	-	-	-
ECN IIA-IIB	1	1	2	0.18–22	1	1	0	9.65	1.74–53.3	0.333	2	2	2	0.5–7.99	0.524	1	2	1	0.14–7.09	1
Sepsis without isolated pathogen	5	5	4.6	1.63–12.9	0.011	1	1	4.6	0.31–67.5	0.328	4	15	1.22	0.51–2.91	0.72	2	6	1.53	0.31–6.51	0.623
Nosocomial infection	2	4	0.9	0.24–3.29	1	2	0	0.6	0.29–1.22	0.11	4	5	1.44	0.69–2.98	0.58	3	3	1.8	0.55–5.79	0.58
Mechanical ventilation conventional	4	11	1	0.38–2.61	1	3	0	9.6	1.74–53.3	0.017	5	8	1.48	0.72–3.03	0.288	3	4	2.07	0.535–8.06	0.363

Increased risk of visual impairment in the presence of IIA-IIB enterocolitis, sepsis without isolated pathogen, and use of conventional mechanical ventilation. Increased risk of hearing impairment in the presence of sepsis. NEC: necrotizing enterocolitis, GW: gestational weeks. \* Fisher's exact test