

Table 2: Levator avulsion rates by imaging modality, laterality and timing of diagnosis.

Comparison		Only CS		Spontaneous delivery		Vacuum extraction		Forceps delivery	
		Rate	p	Rate	p	Rate	p	Rate	p
Imaging Modality	Ultrasound	9/1041 (0.9%)	0.5203**	316/1988 (15.9%)	0.4655*	159/784 (20.3%)	0.7571**	213/436 (48.9%)	0.1385*
	MRI	1/79 (1.3%)		19/140 (13.6%)		2/12 (16.7%)		12/18 (66.7%)	
Laterality	Left LA			10/327 (3.06%)	0.0202*	30/320 (9.38%)	0.3661*	28/178 (15.73%)	0.4819*
	Right LA			23/327 (7.03%)		37/320 (11.56%)		33/178 (18.54%)	
	Unilateral LA			69/767 (3.91%)	< .0001*	60/543 (11.05%)	0.0103*	90/337 (26.71%)	0.3283*
	Bilateral LA			30/767 (9.0%)		36/543 (6.63%)		79/337 (23.44%)	
Timing of imaging after birth	0-1 month	5/224 (2.2%)	0.4802**	98/237 (41.4%)	< .0001*	4/10 (40%)	0.2268**	17/30 (56.7%)	0.1096*
	> 1-3 months	1/204 (0.5%)	0.6347**	52/363 (14.3%)	0.7293*	61/325 (18.8)	0.6268*	74/137 (54%)	0.0240*
	> 3-6 months	1/461 (0.2%)	0.1371**	138/743 (18.6%)	0.0190*	13/85 (15.3%)	0.3064*	18/47 (38.3%)	0.7511*
	> 6-12 months	1/66 (1.5%)	1.0000**	43/400 (10.8%)	0.2141*	45/191 (23.6%)	0.4803*	70/116 (60.3%)	0.0014*
	> 12 months	3/261 (1.2%)	Ref.	66/489 (13.5%)	Ref.	38/185 (20.5%)	Ref.	65/159 (40.9%)	Ref.

* Chi-square test

**Fisher's exact test

