

**Table 2**

Factors Related to Principal Procedure Code Accuracy

		Frequency (percent)			$\chi^2$	<i>p</i>	OR	CI <sub>95</sub> for OR
		Accurate	Error	Total				
Experience (years)*	≤5	148 (77.9)	42 (22.1)	190	6.369	.012	0.27	0.09–0.77
	>5	52 (92.9)	4 (7.1)	56				
Education	Bachelor	180 (80.0)	45 (20.0)	225	2.934	.139	0.2	0.02–1.54
	Associate	20 (95.2)	1 (4.8)	21				
Using the ICD-9-CM book*	Alphabetical only	72 (72.0)	28 (28.0)	100	9.339	.009	–	–
	Alphabetical & tabular list	5 (83.3)	1 (16.7)	6				
	Memory-based	121 (87.7)	17 (12.3)	138				
Using the ICD-9-CM book*	With book	77 (72.6)	29 (27.4)	106	8.864	.003	0.37	0.19–0.73
	Memory-based	121 (87.7)	17 (12.3)	138				
Record study	Entire review	148 (81.3)	34 (18.7)	182	0.004	.952	0.98	0.46–2.07
	Face sheet	49 (81.7)	11 (18.3)	60				
Hospital*	General	128 (75.7)	41 (24.3)	169	10.984	.001	0.22	0.08–0.57
	Specialized	72 (93.5)	5 (6.5)	77				
Nature	Documented	200 (81.3)	46 (18.7)	246	–	–	–	–
	Undocumented	–	–	–				
Topography	Documented	145 (76.7)	44 (23.3)	189	–	–	–	–
	Undocumented	–	–	–				
Approach	Documented	71 (76.3)	22 (23.7)	93	0.207	.649	1.18	0.58–2.39
	Undocumented	52 (73.2)	19 (26.8)	71				
Direction or device	Documented	22 (62.9)	13 (37.1)	35	0.180	.672	1.27	0.42–3.82
	Undocumented	12 (57.1)	9 (42.9)	21				
Readability*	Readable	159 (85.0)	28 (15.0)	187	8.989	.003	3.21	1.46–7.1
	Unreadable	23 (63.9)	13 (36.1)	36				
Abbreviation*	No abbreviation	90 (74.4)	31 (25.6)	121	10	.002	0.29	0.13–0.64
	Clear abbreviation	90 (90.9)	9 (9.1)	99				

\* Significant statistical relation at 95% level