

Table 3

Factors Related to Principal Procedure Code Accuracy by Type of Error

		Frequency (percent)			χ^2	<i>p</i>	OR	CI ₉₅ for OR
		Major	Minor	Total				
Experience (years)	≤5	24 (57.1)	18 (42.9)	42	1.521	.318	4	0.38–41.85
	>5	1 (25.0)	3 (75.0)	4				
Education	Bachelor	24 (53.3)	21 (46.8)	45	0.895	.534	–	–
	Associate	1 (100)	–	1				
Using the ICD-9-CM book	Alphabetical only	19 (67.9)	9 (32.1)	28	5.738	.057	–	–
	Alphabetical & tabular list	–	1 (100)	1				
	Memory-based	6 (35.3)	11 (64.7)	17				
Using the ICD-9-CM book *	With book	19 (65.5)	10 (34.5)	29	3.946	.047	3.48	0.99–12.2
	Memory-based	6 (35.3)	11 (64.7)	17				
Record study	Entire review	16 (47.1)	18 (52.9)	34	4.067	.079	0.2	0.04–1.06
	Face sheet	9 (81.8)	2 (18.2)	11				
Hospital	General	23 (56.1)	18 (43.9)	41	0.465	.648	1.92	0.29–12.8
	Specialized	2 (40.0)	3 (60.0)	5				
Nature	Documented	25 (54.3)	21 (45.7)	46	–	–	–	–
	Undocumented	–	–	–				
Topography	Documented	24 (54.5)	20 (45.5)	44	–	–	–	–
	Undocumented	–	–	–				
Approach	Documented	13 (59.1)	9 (40.9)	22	1.177	.278	1.99	0.32–12.3
	Undocumented	8 (42.1)	11 (57.9)	19				
Direction or device	Documented	9 (69.2)	4 (30.8)	13	0.016	.628	1.12	0.18–6.96
	Undocumented	6 (66.7)	3 (33.3)	9				
Readability*	Readable	12 (42.9)	16 (57.1)	28	6.286	.012	0.14	0.02–0.73
	Unreadable	11 (84.6)	2 (15.4)	13				
Abbreviation*	No abbreviation	13 (41.9)	18 (58.1)	31	6.166	.021	0.09	0.01–0.82
	Clear abbreviation	8 (88.9)	1 (11.1)	9				

*Significant statistical relation at 95% level