

Remarkable People.
Remarkable Medicine.

Forsyth MEDICAL CENTER

Neuro ICU Data

Neuro ICU Conference Room

9 July 2007

1:00 PM

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Remarkable Medicine.

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IP Neuro Diagnoses Cases Only

Definition:

**MDC 1 Diseases and Disorders of the
Nervous System**

IP Neuro Diagnoses By Specialty: 2005 to May 2007 YTD

	2005			2006			2007		
	Cases	ALOS	Net Income Per Case	Cases	ALOS	Net Income Per Case	Cases	ALOS	Net Income Per Case
Neurology - FCN	151	8.1	(\$4518)	147	11.3	(\$7779)	81	12.5	(\$5750)
Neurology - Other	52	7.9	(\$2239)	29	9.9	(\$9612)	25	7.0	(\$1237)
Neurosurgery	186	7.5	(\$1872)	178	7.9	\$1887	69	6.8	\$1777
Radiology	24	2.0	(\$3920)	16	1.8	(\$6282)	3	1.7	(\$3598)
Hospitalist	7	25.3	(\$17,821)	17	15.5	(\$11,897)	20	14.5	(\$5397)
Total Product Line	435	8.0	(\$1634)	429	9.5	(\$3865)	182	9.3	(\$1932)

Comparison of 2007 Total Cases To Neuro Cases, By Specialty

	2007 Total Cases			2007 Neuro Cases			ALOS Var.	NI Var.
	Cases	ALOS	Net Income Per Case	Cases	ALOS	Net Income Per Case		
Neurology - FCN	91	14.9	(\$3747)	81	12.5	(\$6750)	2.4	(\$2003)
Neurology - Other	36	11.4	(\$3079)	26	7.9	(\$1297)	3.5	\$2442
Neurosurgery	56	5.8	\$1957	59	5.8	\$1777	0.0	\$180
Radiology	14	1.4	(\$379)	3	1.7	(\$3599)	(0.3)	(\$3220)
Hospitalist	41	14.4	(\$4771)	20	14.5	(\$5397)	(0.1)	(\$626)
Total Product Line	294	11.4	(\$1693)	182	9.0	(\$1932)	2.1	(\$249)

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Neuro Diagnoses Cases: Explanation of Annual Net Income Variance

- **Increase in reimbursement**
 - More significant impact for FCN patients
- **Decrease in labor costs**
 - 2005: \$2,007,967 (\$5383 per case)
 - 2006: \$2,643,471 (\$7203 per case)
 - 2007: \$1,009,941 (\$6433 per case)
- **Effects of strategic sourcing**
 - Drug and other direct costs have decreased 13.7% from 2005 to 2007

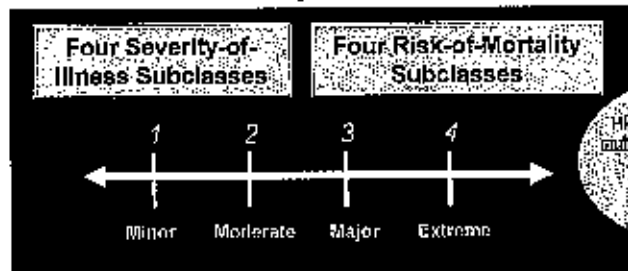
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Explanation of APR-DRG

3M All Patient Refined Diagnostic Related Group severity grouper (APRDRG ©)

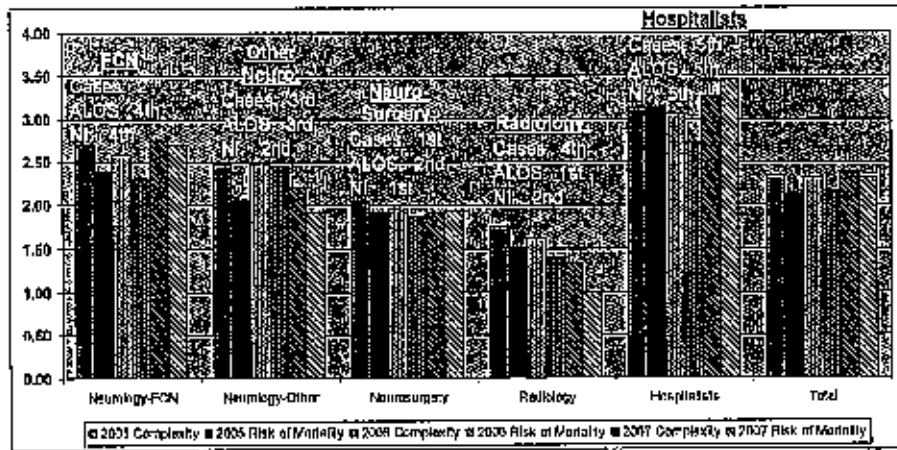
Measures distinct patient attributes and interactions of those attributes, such as:

- Multiple diagnoses
- OR and non-OR procedures
- Impact of age on principle diagnosis



High SOI and ROM = multiple serious diseases and the interaction of those disorders

APR-DRG: Complexity and Risk of Mortality Indicators (1-4 scale)



Acuity Indicators: APR-DRG and CMI

	CMI			Complexity (APR-DRG)			Risk of Mortality (APR-DRG)		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Neurology - FCN	1.62	1.81	2.22	2.68	2.59	2.75	2.39	2.30	2.68
Neurology - Other	1.48	1.33	1.30	2.46	2.48	2.20	2.08	2.45	1.92
Neurosurgery	2.67	2.86	2.65	2.03	1.98	1.91	1.92	1.86	1.83
Radiology	1.81	2.18	2.12	1.75	1.61	1.33	1.50	1.38	1.00
Hospitalist	2.27	2.27	2.51	3.14	3.08	3.25	3.14	2.71	3.45
Total Product Line	2.11	2.34	2.30	2.34	2.31	2.37	2.13	2.15	2.32