



VIRGINIA BUSINESS COALITION ON HEALTH

HOSPITAL REPORT CARD (YR 2004 Data)

Heart - CORONARY ARTERY BYPASS SURGERY (CABG)

DO YOU KNOW?

30 Percent of all direct health care outlays today are a result of *poor quality*.

...*and* Private purchasers absorb about one-third of these costs.

Poor quality costs a typical employer between \$1,900 and \$2,250 per covered employee per year.

Source: Midwest Business Group on Health and Juran Institute 2002

Choose the Right Procedure ... At the Right Hospital



VIRGINIA BUSINESS COALITION ON HEALTH

HOSPITAL REPORT CARD (YR 2004 Data) - Coronary Artery Bypass Surgery

Coronary artery bypass surgery (CABG) is done to bypass a blockage in an artery that supplies blood to the heart. A blood vessel (taken from a patient's chest or leg) is sewn onto an artery on either side of the blockage, allowing blood to flow around the blocked segment.

Hospitals Compared	Patients Per Year (Volume)	% Mortality	Complications									LOS in Days	Total Charges	The Leapfrog Group		
			% BLD	% GIH	% Hmh	% Iat	% Mech	% Misc	% Pneu	% UXE	% UTI			CPOE	IPS	QI
Alexandria Hospital	134	0	0.51	6.97	3.44	15.81	0.51	0	9.28	1.65	10.96	8.74	\$ 62,384	NA	NA	NA
Carilion Roanoke Memorial Hospital	532	1.06	0.34	0.59	4.34	19.24	0.89	0.39	2.31	0.97	2.08	8.37	\$ 59,335	NA	NA	NA
CentraHealth LGH/VBH	270	2.73	0	0	2.89	3.13	0	0.36	1.11	1.38	1.58	7.86	\$ 51,194	NA	NA	NA
Columbia Chippenham Medical Center	459	1.27	2.31	0.5	1.93	1.57	0.27	0.87	0.14	0.27	0.78	8.84	\$ 133,995	*	*	*
Columbia Henrico Doctors Hospital	234	2.57	1.87	0	1.76	7.67	3.54	0.38	4.1	0.57	4.12	9.61	\$ 156,604	*	*	*
Danville Regional Medical Center	126	4.25	0.03	1.47	4.58	14.25	3.14	0.58	0.14	1.69	11.57	9.64	\$ 76,175	NA	NA	NA
Inova Fairfax Hospital	859	1.56	0.36	0	3.22	11.5	4.41	0.88	1.63	1.27	3.87	7.97	\$ 66,098	NA	NA	NA
Lewis-Gale Hospitals	170	0.16	0.03	0.03	5.65	20.27	2.11	0.55	4.8	0.12	3.12	9.16	\$ 69,018	*	*	***
Mary Washington Hospital	200	2.47	1.27	1.39	4.83	16.85	0.56	1.66	4.71	0.37	4.81	8.18	\$ 52,354	NA	NA	NA
MCV Hospital	166	2.14	0.44	0.84	10.8	9.6	6.79	5.06	1.55	0	5.4	9.87	\$ 92,536	NA	NA	NA
Memorial Regional Medical Center	152	0	1.39	0.4	3.65	20.54	1.44	1.05	1.41	0	0	8.69	\$ 88,563	NA	NA	NA
Riverside Regional Medical Center	313	2.54	0.92	0.93	1.18	21.06	1.22	1.6	2.75	0	0.72	8.89	\$ 66,263	**	*	***
Sentara Norfolk General Hospital	1004	0.94	2.47	0.25	1.63	18.42	1.84	1.65	2.18	0.57	3.11	8.81	\$ 64,137	*	***	****
St. Mary's Hospital of Richmond	160	1.48	0	0	2.55	17.84	6.59	1.48	3.67	1.01	1.29	8.72	\$ 89,236	NA	NA	NA
University of Virginia Medical Ctr	303	1.38	0.03	0.37	4.82	6.15	2.95	0.37	1.55	0.96	2.78	7.43	\$ 65,008	NA	NA	NA
Virginia Beach General Hospital	215	1	0	1.18	1.71	20.13	2.2	1.28	3.38	0.42	2.38	8.69	\$ 53,891	*	****	***
Virginia Hospital Center Arlington	91	1.68	0.03	0.03	3.3	3.76	3.45	0.84	4.05	0	13.68	7.6	\$ 64,882	NA	NA	NA
Winchester Medical Center	349	2.76	0	2.59	3.32	5.96	1.51	0.24	4.04	0.85	1.85	8.61	\$ 47,910	*	*	***

Methodology

Measures used to compare these hospitals are: the number of patients treated at each hospital, the percentage of patients who died (mortality), the percentage of patients who developed problems (complications), the average number of days people stay in each hospital (length-of-stay), and each hospital's average charges (costs). This report relies on Virginia All Patient Data (2004). The complications used are identified using guidelines from the Agency for Healthcare Research and Quality (AHRQ).

Legend

Patients Per Year: Number of patients treated at each hospital
Mortality: % of patients who died while being treated
Complications: % of patients who developed problems while being treated
BLD: Blood Clots
LOS: Average number of days people stay in the hospital for treatment.
Total Charges: Average hospital charges for treatment; excludes physician fees and outpatient services.

MI: Heart Attack
Hmh: Hemorrhage Complications
Iat: Iatrogenic or Care Related Complications
MEch: Mechanical Complications
Misc: Miscellaneous complications

Pneu: Pneumonia
Res: Respiratory Problems
UXE: Unexpected Events
UTI: Urinary Tract Infection
Wnd: Wound Infection
DeU: Decubitus Ulcer

The Leapfrog Group www.leapfroggroup.org

LEAPFROG QUALITY & SAFETY PRACTICES:

CPOE: Electronic prescribing systems that intercept, and reduce errors by 50% or more, when they most commonly occur. **IPS:** Staffing ICUs with physicians who have credentials in critical care medicine has shown to reduce the risk of patients dying by more than 10%. **QI:** Quality Index: 27 safe practices that reduce risk of harm to patients in certain processes, systems or environments of care (National Quality Forum).

*** Fully implemented
 ** Good progress in implementing
 * Good early stage effort in implementing
 * Willing to report; did not meet criteria for good early stage effort.
 N/A-Not Applicable (These hospitals were not in target area in 2004)

The Virginia Business Coalition on Health is a Regional Roll-out Leader for the Leapfrog Group for Patient Safety Hospital Survey. Visit www.myVBCH.org for more information and links to our quality initiatives.