



**VIRGINIA BUSINESS COALITION ON HEALTH**  
**HOSPITAL REPORT CARD (YR 2004 Data)**  
**Orthopedic - HIP (TOTAL) REPLACEMENT**

**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) - Hip (Total) Replacement

The hip joint is where the thighbone (femur) connects to the pelvis. Total hip replacement is surgery that involves replacing the head (top) of the femur and the joint cup of the pelvis with new artificial parts.

Hospitals Compared	Patients Per Year (Volume)	% Mortality	Complications								LOS in Days	Total Charges	The Leapfrog Group		
			% Hmh	% Iat	% Misc	% Res	% MI	% Pneu	% Mech	% UTI			CPOE	IPS	QI
Alexandria Hospital	100	0	0	0	0.71	0	0	0	0	1.47	4.03	\$ 25,375	NA	NA	NA
Augusta Medical Center	128	0.71	0	0	0	0	1.9	1.57	1.63	3.27	3.43	\$ 31,180	NA	NA	NA
Bon Secours-Maryview Medical Center	74	0.89	0.89	5.1	0.89	1.69	0	0	1.84	2.76	3.77	\$ 32,293	*	**	****
Carilion Roanoke Memorial Hospital	216	0.45	0.95	4.24	0.51	0.63	1.08	1.56	0.45	4.2	3.58	\$ 36,962	NA	NA	NA
CentraHealth LGH/VBH	150	0	0	0.57	0	0.51	1.01	0.64	1.23	2.45	3.42	\$ 24,524	NA	NA	NA
Chesapeake General Hospital	85	0	2.72	1.27	2.55	0	0	1.76	0	0.92	4.33	\$ 30,972	*	*	**
Columbia Alleghany Regional Hospital	59	0.1	1.11	2.83	1.17	0.68	0.34	0.17	0	1.3	5.23	\$ 37,563	*	*	***
Columbia Chippenham Medical Center	217	0	0.63	1.43	3.05	0.56	0	0.84	0.59	3.22	4.32	\$ 48,492	*	*	*
Columbia Henrico Doctors Hospital	287	0.41	0.28	0.41	0	1.69	0	0.41	0.92	3.68	3.3	\$ 48,809	*	*	*
Columbia Montgomery Regional Hospital	43	2.17	0	2.17	0	0.68	0.34	2.52	0	0.17	4.2	\$ 46,447	*	*	**
Columbia Reston Hospital Center	129	0.54	0	0.54	1.52	2.54	0	0	0	8.05	3.72	\$ 37,403	*	*	*
Danville Regional Medical Center	52	0.1	0.1	0.66	0.16	0.68	0.34	0.17	0	0.17	3.11	\$ 37,063	NA	NA	NA
DePaul Medical Center	52	0	13.58	2.97	2.97	2.54	0	0	1.47	0	3.33	\$ 20,334	*	*	***
Fauquier Hospital	49	0	1.71	3.8	0	0	0	0	3.68	0	5.08	\$ 40,684	NA	NA	NA
Inova Fair Oaks Hospital	91	0	0	5.61	1.54	0	0	0	2.94	2.94	3.4	\$ 28,609	NA	NA	NA
Inova Fairfax Hospital	239	0	1.13	2.27	0.9	0	0.85	0	0.87	0.87	3.98	\$ 26,334	NA	NA	NA
Johnston Memorial Hospital	86	0	0	6.15	1.49	0	1.27	2.46	0.59	5.29	3.88	\$ 24,842	NA	NA	NA
Lewis-Gale Hospitals	133	0	1.24	4.05	0	0	0.63	0	0	2.47	3.63	\$ 48,620	*	*	***

Loudoun Hospital Center	43	0	0	0	9.4	0	0	0	0	2.94	5.26	\$ 30,369	NA	NA	NA
Martha Jefferson Hospital	120	0	1.85	8.79	2.11	0	0	0	0.82	4.17	3.57	\$ 24,609	NA	NA	NA
Mary Immaculate Hospital	73	0	3.49	0	0	0.68	0.34	0.17	0	2.62	3.84	\$ 41,839	*	*	****
Mary Washington Hospital	186	0	5.44	0.85	1.27	0	0	2.35	2.32	3.87	3.64	\$ 24,202	NA	NA	NA
MCV Hospital	138	0	1.7	3.07	1.5	0.63	0	0	1.23	2.45	4.15	\$ 43,395	NA	NA	NA
Mem Hospital of Martinsville & Henry Co.	42	0	6.05	0	3.65	0	0	0	2.6	0.87	4.4	\$ 20,493	NA	NA	NA
Memorial Regional Medical Center	94	0	3.97	2.18	2.41	2.03	0.51	0.99	0	2.6	4.35	\$ 49,260	NA	NA	NA
Mount Vernon Hospital	459	0	0.75	1.71	1.84	1.01	0	0	0.84	0.63	3.8	\$ 26,422	NA	NA	NA
Obici Hospital	43	0	8.17	3.03	5.13	0	0	0	2.94	5.88	3.62	\$ 28,278	*	**	**
Riverside Regional Medical Center	174	0.47	0.95	4.92	0.84	1.25	0.51	0.49	0	4.33	3.76	\$ 31,932	**	*	***
Rockingham Memorial Hospital	45	0	0	7.13	11.37	0	0.85	2.35	0	7.35	3.65	\$ 22,830	NA	NA	NA
Sentara CarePlex Hospital	62	0.1	0.1	4.46	5.04	0.68	0.34	2.52	1.14	2.27	4.22	\$ 31,929	*	****	***
Sentara Leigh Hospital	328	0	0.17	2.66	3.75	1.6	0.17	0.18	0.42	2.23	3.96	\$ 24,554	*	***	***
St. Mary's Hospital of Richmond	274	0.71	3.95	5.19	1.39	1.45	0.36	0	1.55	1.52	4.32	\$ 44,674	NA	NA	NA
University of Virginia Medical Ctr	133	0	0.69	2.91	0.51	0	1.27	0	0	2.18	3.8	\$ 37,820	NA	NA	NA
Virginia Beach General Hospital	95	0	0	3.56	1.98	0.63	0	0	0.82	2.45	4.18	\$ 34,959	*	****	***
Virginia Hospital Center Arlington	114	0	0	1.36	0	0	0	0	1.34	2.67	3.79	\$ 30,347	NA	NA	NA
Williamsburg Community Hospital	56	0.1	3.68	4.19	1.25	0.68	0.34	2.52	1.13	2.43	4.83	\$ 22,936	*	**	***
Winchester Medical Center	151	0.66	3.36	3.3	0.63	0	0	0	1.34	1.34	4.31	\$ 22,511	*	*	***
Wythe County Community Hospital	34	0	0	4.36	0	0	0	0	2.45	0	3.1	\$ 25,487	NA	NA	NA

**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  
**Hmh:** Hemorrhage Complications  
**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.

**Iat:** Iatrogenic or Care Related Complications  
**Misc:** Miscellaneous complications  
**Res:** Respiratory Problems  
**MI:** Heart Attack      **Mech:** Mechanical Complications  
**Pneu:** Pneumonia      **UTI:** Urinary Tract Infection

**The Leapfrog Group [www.leapfroggroup.org](http://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 (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](http://www.myVBCH.org) for more information and links to our quality initiatives.