

Table 5 (supplemental): The rate of AKI in patients admitted to the cancer center as % of total cases for each cancer diagnosis used in billing.

Cancer diagnosis based on billing codes	In-Hospital AKI		Total
	No	Yes (%)	
Adrenal	5	0 (0)	5
Bladder	109	10 (8)	119
Bone/cartilage	82	6 (7)	88
Brain	109	7 (6)	116
Breast	190	20 (10)	210
Burkitt's tumor/lymphoma	10	1 (9)	11
Cerebral meninges	4	0 (0)	4
Cervix	54	5 (8)	59
Colon	100	10 (9)	110
Esophagus	50	10 (16)	60
Eye	4	1 (20)	5
Hodgkin's disease	61	5 (6)	66
Hypopharynx	6	1 (14)	7
Kidney	80	20 (20)	100
Larynx	30	0 (0)	30
Letterer-siwe disease	1	0 (0)	1
Leukemia	339	68 (17)	407
Leukemic reticuloendotheliosis	4	0 (0)	4
Lip	3	0 (0)	3
Liver, gallbladder & ducts	51	9 (15)	60
Lung, bronchial tree and trachea	223	18 (8)	241
Lymphoma	82	16 (16)	98
Lymphosarcoma	11	0 (0)	11
Malignant histiocytosis	1	0 (0)	1
Melanoma	61	9 (13)	70
Metastatic cancer	364	56 (13)	420
Mixed lymphosarcoma	9	3 (25)	12
Multiple myeloma	96	24 (20)	120
Mycosis fungoides	16	2 (11)	18
Myelodysplastic syndrome	41	6 (13)	47
Nasal/middle ear/sinus	10	2 (17)	12
Nasopharynx	6	1 (14)	7
Neurofibromatosis	5	0 (0)	5
Oral cavity	52	7 (12)	59
Oropharynx	14	3 (18)	17

Other female genital cancer	15	2 (12)	17
Other/ill-defined	40	2 (5)	42
Ovary/fallopian tube/uterine adnexa	76	7 (8)	83
Pancreas	71	12 (15)	83
Penis	6	0 (0)	6
Peritoneum	22	5 (19)	27
Pineal	1	0 (0)	1
Pituitary/craniopharyngeal duct	7	2 (22)	9
Plasmacytoma	1	0 (0)	1
Polycythemia vera	1	0 (0)	1
Prostate	127	15 (10)	142
Rectum/anus	96	15 (14)	111
Renal pelvis	5	1 (17)	6
Reticulosarcoma	95	16 (14)	111
Salivary glands	4	0 (0)	4
Scrotum	1	0 (0)	1
Sezary's disease	1	0 (0)	1
Skin	23	0 (0)	23
Small intestine	5	0 (0)	5
Soft tissue	90	8 (8)	98
Spinal cord	1	0 (0)	1
Stomach	37	5 (10)	42
Testis	14	3 (18)	17
Thymus/heart/mediastinum	11	2 (15)	13
Thyroid	33	1 (3)	34
Ureter	3	0 (0)	3
Urethra	10	0 (0)	10
Uterus	52	11(17)	63
Total	3131	427 (12)	3558

Table 6 (supplemental): The comparison of results from dataset on patients admitted to the cancer center that excluded 10% of patients with missing serum creatinine with results from dataset that included all patients by using imputed serum creatinines for the missing values.

	Original data	Imputed data					P value*
		1	2	3	4	5	
AKI (%)	12.0	14.2	13.8	14.3	14.2	13.9	>0.5
Risk (% of AKI)	68	65	63	64	63	65	
Injury (% of AKI)	21	22	24	22	24	23	
Failure (% of AKI)	11	13	13	14	13	12	
In-hospital mortality	167 (4.7%)	176 (4.5%)	180 (4.6%)	179 (4.6%)	174 (4.5%)	180 (4.6%)	>0.5
Cost of stay (mean in \$)							>0.5
No- AKI	60652	59648	59578	59478	59456	59394	
AKI	136112	128014	130742	127599	128246	130761	
Percent increase	55%	53%	54%	53%	54%	55%	

* p values between results from the original data and the imputed data .