

Covenant Health Advanced Care at Home

HEALTH FACILITIES COMMISSION

AUGUST 2024



Patient Metrics

2 nd Quarter Data	
Admissions	124
Patient Days	466
Average Daily Census	5.1
Av. ACH Length of Stay	4.0
Av. Total Length of Stay	6.4
Unanticipated Mortality	0
Escalation of Care	12

Data by Hospital

Fort Sanders Regional Medical Center

Admissions	74
Patient Days	270
Average Daily Census	2.9
Av. ACH Length of Stay	3.8
Av. Total Length of Stay	6.8
Unanticipated Mortality	0
Escalation of Care	8

Parkwest Medical Center

Admissions	50
Patient Days	196
Average Daily Census	2.1
Av. ACH Length of Stay	4.4
Av. Total Length of Stay	5.8
Unanticipated Mortality	0
Escalation of Care	4

Patient Demographics



Demographics	
Average Patient Age	71
Counties of Origin	9
Counties include Knox, Loudon, Sevier, Anderson, Blount, Jefferson, Grainger, Monroe, and Roane	

Top DRGs	Total DRGs: 33
Septicemia or Severe Sepsis	46
Heart Failure	12
Cellulitis	11

Escalations by Diagnoses



Patient Diagnosis	Escalation	No Escalation	Grand Total
070-NONSPECIFIC CEREBROVASCULAR DISORDERS WITH MCC	-	1	1
177-RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	-	3	3
178-RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH CC	-	1	1
189-PULMONARY EDEMA AND RESPIRATORY FAILURE	-	8	8
190-CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH MCC	-	5	5
191-CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH CC	-	3	3
193-SIMPLE PNEUMONIA AND PLEURISY WITH MCC	1	5	6
194-SIMPLE PNEUMONIA AND PLEURISY WITH CC	-	2	2
196-INTERSTITIAL LUNG DISEASE WITH MCC	-	1	1
202-BRONCHITIS AND ASTHMA WITH CC-MCC	-	2	2
252-OTHER VASCULAR PROCEDURES WITH MCC	1	-	1
291-HEART FAILURE AND SHOCK WITH MCC	3	9	12
300-PERIPHERAL VASCULAR DISORDERS WITH CC	-	1	1
314-OTHER CIRCULATORY SYSTEM DIAGNOSES WITH MCC	1	-	1
371-MAJOR GASTROINTESTINAL DISORDERS AND PERITONEAL INFECTIONS WITH MCC	1	-	1
392-ESOPHAGITIS GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS WITHOUT MCC	-	1	1
602-CELLULITIS WITH MCC	-	1	1
603-CELLULITIS WITHOUT MCC	-	11	11
641-MISCELLANEOUS DISORDERS OF NUTRITION METABOLISM FLUIDS AND ELECTROLYTES WITHOUT MCC	-	1	1
644-ENDOCRINE DISORDERS WITH CC	-	1	1
659-KIDNEY AND URETER PROCEDURES FOR NON-NEOPLASM WITH MCC	1	-	1
660-KIDNEY AND URETER PROCEDURES FOR NON-NEOPLASM WITH CC	-	1	1
683-RENAL FAILURE WITH CC	-	1	1
688-KIDNEY AND URINARY TRACT NEOPLASMS WITHOUT CC-MCC	-	1	1
689-KIDNEY AND URINARY TRACT INFECTIONS WITH MCC	-	1	1
690-KIDNEY AND URINARY TRACT INFECTIONS WITHOUT MCC	-	3	3
698-OTHER KIDNEY AND URINARY TRACT DIAGNOSES WITH MCC	-	3	3
759-INFECTIONS FEMALE REPRODUCTIVE SYSTEM WITHOUT CC-MCC	-	1	1
809-MAJOR HEMATOLOGICAL AND IMMUNOLOGICAL DIAGNOSES EXCEPT SICKLE CELL CRISIS AND COAGULATION DISORDERS WITH CC	-	1	1
853-INFECTIOUS AND PARASITIC DISEASES WITH O.R. PROCEDURES WITH MCC	-	1	1
871-SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV GREATER THAN 96 HOURS WITH MCC	3	30	33
872-SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV GREATER THAN 96 HOURS WITHOUT MCC	1	12	13
975-HIV WITH MAJOR RELATED CONDITION WITH CC	-	1	1
Grand total	12	112	124

Patient Events

Event	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024
CAUTI	0	0	0	0	0
CLABSI	0	0	0	0	0
MRSA	0	0	0	0	0
Surgical site infections	0	0	0	0	0
C. Diff	0	0	0	0	0
Falls with harm	0	0	0	2	0
Pressure Injuries (not present on admission)	0	0	0	0	0

Readmission Rates



Readmissions	ACH	*Hospital
% Inpatient 30 day Readmit	15.32%	17.25%

**Combined Data for Fort Sanders Regional and Parkwest Medical Centers*

Readmissions by DRG



Primary ICD10 Diagnosis	30 Day Readmit
A41.9 - Sepsis unspecified organism	4
R55 - Syncope and collapse	1
E87.1 - Hypo-osmolality and hyponatremia	1
I11.0 - Hypertensive heart disease with heart failure	1
J90 - Pleural effusion not elsewhere classified	1
J96.21 - Acute and chronic respiratory failure with hypoxia	1
R40.4 - Transient alteration of awareness	1
T83.511A - Infection and inflammatory reaction due to indwelling urethral catheter initial encounter	1
J96.21 - Acute and chronic respiratory failure with hypoxia	1
E80.6 - Other disorders of bilirubin metabolism	1
N39.0 - Urinary tract infection site not specified	1
I13.0 - Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease or unspecified chronic kidney disease	1
E11.621 - Type 2 diabetes mellitus with foot ulcer	1

Patient Experience Scores



In February 2024 we implemented additional patient surveys to review real time patient experiences. Q2 results below.

Survey Question	Result	Survey Size
Overall rating of care	86.67	15
Likelihood of recommending	93.33	15

% Safe place to receive care	100%
% Caregiver is well supported	99%
% Want to be hospitalized at home again	98.1%
% Care from my in-home providers	95.2%
% Care from my virtual care team	95.5%
% Equipment easy for me to use	97%

Program Totals

Patient Volume by Quarter



Patient Metrics	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024
Admissions	44	54	90	93	124
Patient Days	272	273	438	634	466
Average Daily Census	3.0	3.0	4.8	5.1	5.1
Av. ACH Length of Stay	6.9	5.1	4.8	4.4	4.0
Av. Total Length of Stay	7.4	6.8	6.9	6.8	6.4
Unanticipated Mortality	0	0	0	0	0
Escalation of Care	3	8	16	6	12
Average Age	69	71	71	73	71

Admissions by DRG



Top DRGs	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024
871-SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV GREATER THAN 96 HOURS WITH MCC	6	7	26	21	33
291-HEART FAILURE AND SHOCK WITH MCC	3	3	7	12	12
177-RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	2	6	17	11	3
193-SIMPLE PNEUMONIA AND PLEURISY WITH MCC	3	3	7	8	6
872-SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV GREATER THAN 96 HOURS WITHOUT MCC	4	7	4	8	13
189-PULMONARY EDEMA AND RESPIRATORY FAILURE	3	1-	6	6	8
603-CELLULITIS WITHOUT MCC	1	8	2	5	11
190-CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH MCC	3	3	5	4	5
698-OTHER KIDNEY AND URINARY TRACT DIAGNOSES WITH MCC	1	2	2	4	2
070-NONSPECIFIC CEREBROVASCULAR DISORDERS WITH MCC	-	-	-	2	1
602-CELLULITIS WITH MCC	1	2	-	1	1

Patient Satisfaction by Quarter



Survey Question	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024
Overall rating of care	84.62	71.43	85.71	84.21	86.67
Likelihood of recommending	76.92	76.92	85.71	89.47	93.33

Readmissions by Quarter



Readmissions	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024
% Inpatient 30 day Readmissions	26.83%	9.43%	15.91%	12.90%	15.32%