

Sample
Medical Management Report
March 1, 2008 - February 28, 2009

Average Number of Employees: X Average Number of Lives: X x 2.5

Medical Inpatient Utilization

	3/1/08 – 2/28/09
Total Number of Admissions	125
Total Number of Actual days	408
Total Number of Requested days	442
Total Number of Recommended days	370
Total Number of Conserved days	17
Total Number of Administrative days	0
Total Number of Non-Recommended days	52
Average Length of Stay (days)	3.26
Total Number of Cases transferred to Case Management from Utilization Review	5
# Sent for MD Review	11

	Milliman Care*	CMS
Actual bed days per 1000	177.65	147.3
Admits/1000	51.80	45.1

*Based on Milliman Care Guidelines Inpatient & Surgical Care



Behavioral Health Utilization

	3/1/08 – 2/28/09
Total Number of Admissions	1
Total Number of Actual IP days	10
Total Number of Requested IP days	10
Total Number of Recommended IP days	10
Total Number of Conserved days	0
Total Number of Administrative IP days	0
Total Number of Non-Recommended days	0
Average Length of Stay (days)	10
Total Number of Cases transferred to Case Management from Utilization Review	0
# Sent for MD Review	0

	Milliman Care*	CMS
Actual bed days per 1000	16.55	3.6
Admits/1000	2.55	.40

*Based on Milliman Care Guidelines Inpatient & Surgical Care

Admits by Presenting Diagnosis

	3/1/08 – 2/28/09
Infection and Parasitic Diseases	
- Infection after hip surgery	1
-Infected renal stent	1
Cancer	
-Ependymoma (spinal tumor)	2
Endocrine System	
-Diabetes mellitus	2
-Crohn's disease	2
-Viral meningitis	1
Nervous System and Sense Organs	
-Multiple Sclerosis	1
-Epilepsy	3
-Disorder of brain	1
Circulatory System	
-Angina pectoris	2
-Coronary artery disease	3
-Embolism	1
-Arrhythmias	2
-Carotid stenosis	2
-Blood clot	1
-Acute coronary syndrome	1

Diagnosis - continued	3/1/08 – 2/28/09
Respiratory System -Pneumonia -Asthma -Bronchitis	4 1 1
Digestive System -Ulcer -Hernia -Crohn's disease -Gastroenteritis, colitis -Intestinal obstruction -Liver disorder -Diverticulitis -Appendicitis -Pancreas	1 1 3 2 1 1 2 2 2
Genitourinary System -Disorder of menstruation -Other female genitourinary disorder -Renal failure	2 3 1
Skin and Subcutaneous -Cellulitis -Infected hemangioma	2 1
Musculoskeletal System & Connective Tissue -Arthritis/osteoarthritis -Knee disorder -Cervical disorder -Lumbar disorder	5 3 3 2
Congenital Anomalies -Anomaly of the heart -Anomaly of respiratory system	1 2
Conditions Originating in the Perinatal Period -Premature birth -Respiratory distress -Perinatal jaundice -Infectious conjunctivitis -Coombs	2 1 1 1 1
Symptoms, Signs, Ill-Defined Conditions -Alternate level of consciousness -Symptoms involving respiratory system & chest -Symptoms of urinary system -Symptoms involving the abdomen/pelvis -Other ill-defined symptoms (vertigo, nausea, vomiting, fever)	2 6 1 5 3
Childbirth -Pregnancies	30
Injury and Poisoning -Fell down steps causing contractions (@38 6/7weeks) -Allergic reaction to bee sting	1 1



Reported Major Inpatient Procedures

3/1/08-2/28/09	
Other Infectious/Parasitic Disease <i>-Incision and drainage of left hip</i>	1
Neoplasm <i>-Laminectomy for tumor removal</i>	1
Nervous System and Sense Organs <i>-Right craniotomy and tumor resection</i>	1
Circulatory System <i>-Coronary artery bypass graft</i> <i>-Ablation</i> <i>-Angioplasty</i> <i>-Carotid endarterectomy</i>	2 1 1 2
Digestive System <i>-Gastric ulcer oversew</i> <i>-Hernia repair</i> <i>-Bowel resection</i> <i>-Liver abscess, CT guided drainage of abscess</i> <i>-Sigmoid colon resection</i> <i>-Appendectomy</i> <i>-Cholecystectomy</i>	1 1 2 1 1 2 1
Female Genitourinary System <i>-Hysterectomy</i> <i>-Vesicovaginal fistula repair</i> <i>-Repair of 2nd degree cystocele, 3rd degree rectocele</i>	3 1 1
Musculoskeletal System <i>-Shoulder replacement</i> <i>-Hip replacement</i> <i>-Realignment of knee</i> <i>-Knee replacement</i> <i>-Fusion cervical</i> <i>-Fusion lumbar</i> <i>-Incision and drainage</i>	1 4 1 2 3 1 1
Deliveries <i>-Cesarean</i> <i>-Vaginal</i>	9 21



Admits by:

Service Types	3/1/08-2/28/09
Inpatient Medical	78
Inpatient Surgical	49
Admit Types	
Non-urgent	65
Through the ER	49
Transfer	1
Urgent, Non-ER	10
Service Not Recommended	2
Gender	
Female	87
Male	40
Relationship	
Self	34
Male Spouse	0
Female Spouse	72
Male Child	11
Female Child	10



Total Medical IP Savings

Direct savings (conserved & denied days)	3/1/08-2/28/09
17 Conserved days \$5305/day x 17	\$ 90,185.00
52 Non-recommended days \$5305/day x 52	\$275,860.00
69 Acute care physician visits (\$273/visit)	\$ 18,837.00
Total Medical Utilization Savings	\$384,882.00

Observations

Multiple admissions with total inpatient days

11 patients with 2 admissions:

- Chest pain, pancreatitis (3 days)
- Chest pain, allergic reaction (3 days)
- Delivery, post-partum fever (8 days)
- Viral encephalitis, diabetic ketoacidosis (4 days)
- Respiratory distress, chronic lung disease (5 year old- 9 days)
- Hysterectomy, vesicovaginal fistula repair (8 days)
- Right carotid endarterectomy, left carotid endarterectomy (2 days)
- Atrial fibrillation, diverticulitis (10 days)
- Liver abscess, liver abscess (14 days)
- Chest pain, unstable angina (3 days)
- Diverticulitis, bowel resection (5 days)

3 patients with 3 admissions:

- Left total hip replacement, incision and drainage of left hip, right total hip replacement (9 days)
- Chemotherapy, chemotherapy, removal of spinal cord tumor (8 days)
- Seizures, seizures- video EEG, seizures (8 days)

2 patients with 4 Admissions:

- C-section, cellulitis of hand, Crohn's disease, cholecystectomy (8 days)
- Multiple sclerosis with neglect (46 days, recommended 1 day), dementia (1 day not recommended), dementia (10 days for inpatient behavioral health), urinary tract infection (3 days).

1 patient with 6 Admissions:

- Crohn's disease for each admission (7 days)



Excessive length of stays

- Forty-six (46) days for one patient for one admission: This patient had multiple sclerosis with progressive dementia and suffered neglect and abuse at home. She was admitted to hospital for care. CMS recommended one day for an evaluation of her medical condition. CMS did not recommend coverage for the next 45 days while Adult Protective Services became involved to investigate neglect and abuse, and for placement services and guardianship issues. The file was open to case management to assist with numerous social issues and to monitor services.
- Twenty-nine (29) days for one patient for one admission: This patient underwent spinal surgery prior to this admission during which time the surgeon “nicked” a ureter causing extensive abdominal complications. This caused the patient to exceed her Life Time Maximum and loss of health insurance coverage through the Fund. This file was open to case management to assist this patient to investigate alternative insurance sources and for overall assistance on behalf of the Fund. The family did pursue legal counsel in regards to this chain of events. The Fund is aware of the potential for subrogation.
- Three (3) day length of stay for a woman who underwent a total abdominal hysterectomy. The physician nicked the bladder necessitating one additional inpatient day. The Fund is aware to investigate this file for potential subrogation.

Routed Services

- Two (2) cases were re-routed from requested inpatient procedures to outpatient procedures.
- Three (3) cases were admitted to the hospital as inpatient after undergoing an outpatient procedure.

Deliveries

- Five (5) C-section patients chose to be discharged in 3 days instead of the allowed 4 days.
- One (1) C-section patient chose to be discharged in 2 days instead of the allowed 4 days.
- One (1) vaginal delivery patient chose to be discharged in 1 day instead of the allowed 2 days.

Non-Recommended Days

- 45 days, patient awaited placement and guardianship.
- 1 day, delay in treatment.
- 1 day, patient should have been admitted to a psychiatric bed.
- 4 days, 2 cervical fusion surgeries not medically necessary.
- 1 day, patient should have been outpatient.



Medical Management

3/1/08 – 2/28/09

Medical Management	# Cases
Case Management	25
Case Management Therapy (concurrent review)	12
Therapy Consults (retrospective review)	1

Case Management Diagnoses

Diagnosis	3/1/08-2/28/09
Cancer	
-Esophagus	1
-Pancreas	1
-Female breast	1
-Multiple myeloma	1
-Ependymoma	1
-Neuroectodermal tumor (in the brain)	1
Circulatory System	
-Pulmonary embolism	1
Infectious and Parasitic Disease	
-Infection	2
Endocrine, Nutritional, and Metabolic Immunity	
-Diabetes	1
-Variable immune deficiency syndrome	1
Diseases of blood and blood forming organs	
-Other disease of blood	1
Nervous System	
-Multiple sclerosis	1
-Nonmalignant mass	2
Genitourinary System	
-Chronic renal failure	1
Congenital Anomalies	
-Heart	1
Conditions originating in the perinatal period	
-Premature infant	1
Musculoskeletal and Connective Tissue	
-Arthritis/osteoarthritis	2
-Knee disorder	1
-Lumbar disorder	2
Other Injury	
-Traumatic brain injury	1
-Pain management	1

Case Management Therapy Diagnoses

Diagnosis	3/1/08-2/28/09
Other -Developmental delays (child) -Speech disturbance	2 1
Nervous System -Cerebral palsy	1
Musculoskeletal and Connective Tissue -Arthritis /osteoarthritis -Knee disorder -Joint disorder -Cervical disorder -Lumbar disorder	1 1 1 2 1
Congenital Anomalies -Congenital musculoskeletal anomaly	2
Injury -Injury of knee, leg, ankle, foot -Traumatic brain injury	1 1

Therapy Consult

Injury of shoulder/upper arm

Consults (Medical Necessity Determinations)

During the period of 3/1/08-2/28/09 CMS provided 45 medical necessity determinations for the client.



Return on Investment
3/1/08-2/28/09

	Savings	Billing
Utilization Review Medical, Substance Abuse, Mental Health	\$ 384,882.00	\$ 20,518.00
Physician Fees - Utilization Review		\$ 2,544.75
Case Management		\$ 13,314.27
Direct Savings	\$ 48,985.24	
Indirect Savings	\$ 0.00	
Physician Fees - Case Management		\$ 1,123.00
Therapy Case Management	\$ 32,446.63	\$ 3,391.71
Therapy Consults	\$ 7,542.00	\$ 183.26
Consults (medical necessity determinations)	\$ 157,055.00	\$ 7,122.43
Physician Fees - Consults	-	\$ 2,218.50

Total Direct Savings: \$473,855.87

Total Charges: \$50,415.92

Total Return on Investment: \$9.40
(based upon direct savings)

