

FEDERAL CORRECTIONAL COMPLEX BUTNER
HEALTH SERVICES PROCEDURE MANUAL

SUBJECT/TITLE: Medical Bedding Authorization and Issuance

1. PURPOSE AND SCOPE

To establish local procedures and indications for the Federal Correctional Complex Butner for the authorization and issuance of specialized medical bedding and equipment such as hospital bedframe, lower bunk, specialty air mattress, pressure relief mattress, egg crate overlay mattress, trapeze system, and the wedge pillow.

2. STANDARDS REFERENCED:

Braden Scale for Predicting Pressure Sore Risk (Attachment B)

3. PROCEDURES GUIDELINES.

A. General Guidelines: Inmates that do not meet the criteria listed in this procedure should be assigned to standard correctional bedding based on assignments from the inmate's unit team. **Appendix A** provides a quick reference for the indications for medical bedding and equipment.

B. Equipment and Bedding Indications for Authorization

1) Wedge Pillow

- a. Inmates who require the head of bed elevated greater than 30 degrees due to such conditions as obstructive sleep apnea, congestive heart failure, or chronic obstructive pulmonary disease
- b. Inmates who require elevation of lower extremities with conditions such as ortho-static hypotension, chronic lower extremity edema or lymphedema, chronic venous stasis wounds, or status post lower extremity orthopedic surgery.
- c. Can be issued by a physician, mid-level practitioner, physical therapist, or occupational therapist.

2) Lower Bunk Authorization

- a. Appendix B lists the criteria listed on the FCC Butner Medical Lower Bunk/ Stair Restriction Form (FCCBUT-08).
- b. Those inmates who have insufficient strength or motion to transfer safely to an upper bunk should be issued an authorization for a standard height low bunk
- c. Issued by primary care physician or mid-level practitioner. Can be temporarily issued by physical therapy or occupational therapy for status post surgical patients only.
- d. Inmates who require trapeze bars for transfers and bed mobility can still utilize a standard lower bunk depending on their functional levels. Facilities can weld the trapeze to the bottom of the upper bunk. A PT/OT evaluation will make the determination of whether the inmate requires a

hospital bed or standard lower bunk.

3) **Egg crate overlay**

- a. Inmates with minimal risk to ulceration as defined by the **Braden Scale with scores of 17 to 20**. See Appendix C.
- b. Inmates who have documented history of chronic back pain and continued pain after intervention by physical therapy, orthopedics, physiatry and/or neurology
- c. Newly diagnosed inmates with spinal pain will undergo a trial of at least three months of physical therapy prior to issuance of the egg crate with issuance being based upon no objective improvement.
- d. Inmates with a history of total joint replacement of the hip, knee, or shoulder.
- e. Can be issued by a physician, mid-level practitioner, physical therapist, or occupational therapist.

4) **Manual Hospital Bed**

- a. Compromised bed mobility due to permanent neurologic disorder affecting two or more extremities.
- b. Loss of spinal or lower extremity range of motion limiting ability to lie in bed supine or on side that can NOT be remedied by use of wedge pillow.
- c. Any medical condition such as orthostatic hypotension or chronic congestive heart failure which requires the head of bed elevated 45 degrees or higher.
- d. Any permanent disability with supporting documentation from Physical or Occupational Therapy stating safe bed mobility is not possible or unsafe with use of a standard height low bunk.
- e. Can be prescribed by the patient's primary care physician only.

5) **Pressure Relief Mattress**

- a. Available in the KCI Therarest or KCI Atmos Air 4000 models in 26" and 36" width for use on standard lower bunks and manual hospital beds.
- b. Inmates determined to have low to moderate risk of ulceration as defined by the **Braden Scale with scores of 16 to 10** (Appendix C).
- c. Primary reason for prescribing this type of mattress is protecting skin integrity in those inmates with co-morbid disorders.
- d. Neurologic deficits which limit mobility and place inmates at risk for skin ulceration include the following but not limited to: parkinson disease with rigidity, amyotrophic lateral sclerosis, and multiple sclerosis.
- e. Inmates diagnosed with chronic regional pain syndrome may also qualify for the pressure relief mattress prescription once all other pain control measures to include physical and occupational therapy have been exhausted .
- f. Inmates with chronic low back pain with or without a past history of spine surgery may be eligible but issuance will be based upon individual assessment of complications. Inmates with chronic back pain will have had to attempt a trial of egg crate mattress use without relief and

consistently demonstrate to two or more health care providers at least two of the four symptoms below to qualify for a pressure reduction mattress:

- 1) Chronic leg weakness
- 2) Positive foot drop
- 3) Abnormal deep tendon reflexes in the lower extremities
- 4) Loss of sensation along specific dermatomes or peripheral nerves fields.

g. Can be issued by a physician, mid-level practitioner, physical therapist, or occupational therapist.

6) Trapeze System

- a. Inmates who during a *Physical or Occupational Therapy evaluation* demonstrate compromised bed mobility that would preclude safe, independent bed mobility with the use of other assistive devices and a manual hospital bed.
- b. Inmates will typically have a primary diagnosis which limits overall strength coupled with a secondary diagnosis which limits upper extremity function such as:
 - i. Paraplegia *with* rotator cuff injury limiting upper body mobility to one extremity.
 - ii. Paraplegia with a frequent turn schedule secondary complication of chronic ulceration.
 - iii. Severely de-conditioned elderly inmate with chronic obstructive pulmonary disease demonstrating the inability to transfer safely from supine to sitting position.
- c. Can be prescribed by the patient's primary care physician only after PT or OT evaluation or by PT/OT after receiving a referral for that particular patient..

7) Specialty Air Mattress

- a. These are powered specialty medical beds used for inmates with existing pressure ulcers or those with such impaired function and health as to pose an extremely high risk for pressure ulcer development. Typically these patients will have some form of neurologic disorder or spinal cord injury.
- b. Inmates at moderate to high risk with **Braden Scales below 10** (Appendix C) will require examination by either physician, mid-level, or therapist to determine the most appropriate bedding surface to provide optimal support to maintain appropriate skin integrity.
- c. Health Service Administrator is responsible for the procurement of these specialty medical beds.
- d. Can be prescribed by the patient's primary care physician only.

C. Responsibilities:

- 1). Physicians
 - a. Authorized to prescribe any of the specialty medical bedding and equipment.
 - b. Responsible for PT/OT consult submission for functional assessment to

determine bedding/equipment needs.

- 2) Mid-level Providers - (Nurse Practitioners and Physician Assistants)
 - a. Authorized the prescription of wedge pillows, egg crate mattresses, lower bunk passes, and pressure relief mattresses.
 - b. Submission of PT/OT consults for functional assessment to determine bedding/equipment needs.
- 3) Physical Therapists and Occupational Therapists
 - a. Authorized the prescription of wedge pillows, egg crate mattresses, lower bunk passes, and pressure relief mattresses.
 - b. Performs functional assessments to determine bedding/equipment needs.
 - c. Training of patients in use of specialty equipment to assist with transfers or bed mobility
 - d. Serve as consultant to primary care team in regards to bedding and equipment options.
 - e. Responsible for the procurement of all trapeze parts.
- 4) Nursing and Paramedics
 - a. Authorized to dispense any of the above medical bedding equipment with appropriate authorization.
 - b. Should report any inappropriate use or frequent requests for replacement of medical bedding/equipment to the prescribing provider.
 - c. Reporting when specialized bedding/equipment is no longer needed due to inmate transfer, death, or resolution of impairment.
- 5) Health Service Administrator and Assistant Health Service Administrators
 - a. Procurement of medical specialty beds and pressure reduction mattresses.
 - b. Approval of purchase requests for specialty bedding/equipment.
- 6) Central Supply
 - a. Ordering and stocking of wedge pillows and egg crate mattresses.
 - b. Issuing of wedge pillows and egg crate mattresses to authorized FMC inmates.
- 6) Warehouse
 - a. Processing of purchase requests through warehouse and notification of credit card holder of equipment arrival.
 - b. Storage of pressure reduction mattresses.
- 7) Custody
 - a. Confiscation of any equipment that is being used by an inmate without written authorization from an approved medical care provider.
 - b. Ensure that inmates authorized specialty bedding and equipment are allowed access and use of prescribed bedding/equipment.

8) Facilities

- a. Responsible for the installation of trapeze bars such that individual trapeze parts can not be removed to be used as weapons.
- b. Coordinate with Rehabilitation Services for room modifications to improve an inmate's function and safety.

9) Counselors

- a. Make bed assignments in accordance with guidance from medical staff
- b. Coordinate with Facilities and Rehabilitation Services for any inmate complaints regrading room accessibility.

D. Bedding/Equipment Prescription

- 1) Healthcare Provider should evaluate the inmate to determine functional impairment.
- 2) Should a medical mattress/equipment be indicated, the health care provider should annotate this in the medical record and complete an Idle Form (FCCBUT-07) with the required equipment and expiration date.
- 3) FMC inmates will receive the wedge pillow or egg crate mattress at Central Supply. All others will receive the equipment from the nursing/paramedic staff during official equipment issue times.
- 4) The AHSA for the respective institutions will need to be notified for issue of the pressure reduction mattress, manual hospital bed, and trapeze as these items will need to be obtained from storage and possible arrangements for changing the inmate's housing assignment will need to be made.
- 5) The counselor will make the arrangements for bed assignments upon receiving a copy of the FCCBUT-07 Idle form from the inmate.
- 6) Rehabilitation Services will contact Facilities for the installation of trapeze bars if indicated.

Criteria for Mattresses and Hospital Beds

Appendix A

See Braden Scale Reference	Manual Hospital Bedframe	Wedge Pillow	Egg Crate Overlay	Pressure Relief Mattress	Specialty Air Mattress	Trapeze System
Do Not use Braden Scale as criteria to authorize.	Based upon compromised bed mobility and/or Significant loss of ROM . see policy.					PT or OT Eval
Pulmonary disease/ poor gas exchange, CHF, GERD, LE elevation.		✘				PT or OT Eval
Minimal Risk (Braden 20-17), Chronic LBP. See policy statement 3.b.c.d.			✘			PT or OT Eval
Low-Moderate Risk (Braden 16-10) Chronic LBP w/ documented nerve damage. See policy statement 5.f.				✘		PT or OT Eval
Mod to High Risk of Pressure Ulcer (≤ 9)					✘	PT or OT Eval

Federal Correctional Complex - Butner, North Carolina

MEDICAL LOWER BUNK / STAIR RESTRICTION GUIDELINES

Listed below are medical/physical conditions which require consideration for approval of stair and/or lower bunk restrictions. Restrictions are/may be time dependent and should have a finite time listed with the specific limiting factor warranting the restriction. Determination of the restriction and time factor will be made during a clinic visit with written approval on the Idle, Convalescent, and Change in Work Classifications Form (FCCBUT-07) provided to the inmate and documented in the medical record.

The below listed medical/physical conditions are placed in one of two categories: **Absolute or Temporary Indications** for lower bunk or stair restriction. The categories were developed to provide a reference point for our healthcare providers.

ABSOLUTE

GI/Metabolic

Morbid Obesity 300 + lbs
Chronic Diarrhea/Inflammatory Bowel Disease

Musculoskeletal

Severe arthritis (upper extremities, shoulder, spine, hips and lower extremities)
Absence of limb or portion of limb
Cervical spondylosis with cord impingement
ACL or MCL deficient knee
S/P total joint replacement
Shoulder instability

Eye

Uncorrected vision of 20/200 or less in both eyes

Cardiac

CHF on medication
Coronary artery disease, symptomatic
Arrhythmias

Liver

Cirrhosis with ascites

Pulmonary

Severe COPD on medication
Oxygen dependent

Neuro

Seizure disorder
CVA
Paresis of any degree
Movement disorders
Diabetes with documented neuropathy
Myelopathy from any cause
Brain damage

TEMPORARY - this category is for a post-operative condition or disease entity known to be self-limiting.

- S/P ortho-spinal surgery (per ortho/neurosurgery)
- S/P ACL reconstruction (6 months)
- Adhesive capsulitis (6 weeks - 12 months)
- Vestibular dysfunction
- MMK (bladder suspension) (6weeks)
- Laparoscopy/cholecystectomy (2 weeks)
- Acute infective polyneuritis (Guillain-Barre Syndrome)
- Cast or equivalent applied to upper or lower extremity

- Adhesive capsulitis of the shoulder
- S/P Arthroscopy (2-6 weeks)
- S/P rotator cuff repair (3-6 months)
- Abdominal hernia repair (6 weeks)
- TAH/BSO (4 weeks)
- S/P tendon repair (6 weeks - 6 months)
- S/P fracture

