How to Setup and Manage an **Observation Unit for Psychiatric Patients in Crisis:** The Sinai Experience



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Learning Objectives

- To understand admission criteria for psych patients
- To review the psychiatric observation/crisis stabilization units
- To exam the Sinai CSU

What is a Mental Health Crisis?



- Personal distress
 - Anxiety, depression, anger, panic, hopelessness
- Obvious change in function
 - Neglect of personal hygiene, unusual behavior
- Catastrophic life events
 - Disruption of personal relationships, support systems or living arrangements
 - Loss of autonomy or parental rights
 - Victimization or natural disasters

Admit or Discharge Inappropriate Admissions from the ED

- Legal and liability of sending patients home
- Secondary utilizes such as police, group homes, nursing homes and families
 - Send to ED to resolve issues
- Lack of appropriate assessment
 - Difficulty in contacting provider
 - Need for collateral information Problem with obtaining old medical records
- Lack of outpatient resources
 - Housing
 - Medication
 - Care givers

Admission Criteria

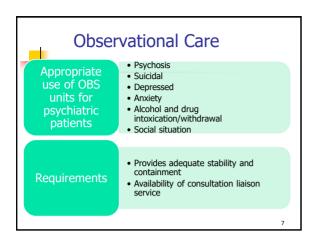
Does the Patient Need to Be Admitted?



- Not always an easy decision
- Use of admission criteria or guidelines for many conditions
 - Risk to self
 - Risk to others
 - Unable to care for self
- Alternatives to inpatient stay

Observation Models

- Emergency department
- Observation unit
- Psychiatric emergency service
- Comprehensive Psychiatric Emergency Program
- Psych ED



Overnight Observation in VA **Medical Center**

- Designed to avoid unnecessary admissions
- 92 pts in 1996, came through ED
- Characteristics
 - 80% unemployed, 41% homeless
 - 55% suicidal or homicidal ideation
 - 49% intoxication, 77% substance use
 - 88% referred to outpatient
- 9.8 inpatient days before and 2.7 days after
- No variables to determine inpatient care

Comprehensive Psychiatric **Emergency Program**



- By law emergency psych eval, tx and dis, extended OBS to 72 hours
- 20% brought by police, self/family 63%
- Dx
 - Schizophrenia 27%
 - Drug and alcohol 14%
 - Bipolar 13%
 - Depression 11%
- Inpatient 43%

Comprehensive Psychiatric **Emergency Program**



- 16% Kids
- Presenting complaint
 - Violent behavior 25%
 - Agitation 24%
 - Suicidal 26%
- Dx
 - Conduct disorder
 - Adjustment disorder
 - Depression
- Admission rate 22%

Acute Stabilization



- Functions
 - Allows time for diagnostic clarity
 - Develop alternatives to admission
 - Respite function
 - Denies dependency needs
- Patient types
 - Schizophrenics
 - Personality disorder
 - Suicidality
 - Substance use disorders
- 41% of total patients seen

Regionalization of Acute Psychiatric

Care

- Prior 30 day period efforts have focused on increasing inpatient beds
- Alternative is prompt access to treatment
- Evaluate and treatment patients in a given area and take patients from EDs
- 30 day period examined all patients from 5 EDs on voluntary holds
- 144 patients had average boarding time of 1 hour and 48 minutes
- 24.8% were admitted



Benefit of Psych OBS

- Reduction in admissions
- Gain in earlier functional independence
- More immediate use of community resources
- Higher level of patient satisfaction
- Promoted better coordinated care



Patient Types

- Who Benefits from Psych OBS
 - Situational depression
 - Wiling to continue therapy after discharge
- Who does not benefit?
 - Suicidal
 - Danger to others
 - Severity of psychiatric symptoms
 - Diagnosis of psychotic disorder



Benefits

- Appropriate level of care
- Reduced elopement
- Reduced restraint use
 - From 3.7 patients per month to 0.7
- Psychiatric inpatient stay
 - 43% decline



Patient Outcome in Psych OBS

- Patient outcome in CSU BPRS changed from moderately ill to mildly ill
- Beck's depression scale improved greatly

The Brief Psychiatric Rating Scale (BPRS) is rating scale which a clinician or researcher may use to measure psychiatric symptoms such as depression, anxiety, hallucinations and unusual behavior.

The Beck Depression Inventory (BDI) is a 21-item, self-report rating inventory that measures characteristic attitudes and symptoms

of depression



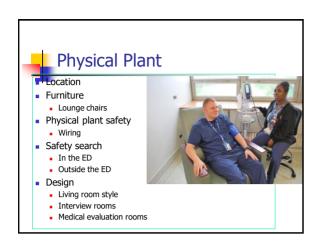
Clinical Profile

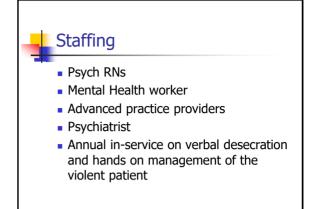
- Young males
- Stress related, anxiety, affective spectrum psychotic disorders
- CGI-S improved
- Inpatient admission from OBS associated with selfreferral, older, lower GAF scores and < improvement well or adaptively one is meeting
- The Clinical Global Impression Severity scale (CGI-S) is a 7-point scale that requires the clinician to rate the severity of the patient's illness at the time of assessment, relative to the clinician's past experience with natients who have the same
- The Global Assessment of Functioning (GAF) is a numeric scale (1 through 100) to rate subjectively the social, occupational, and psychological functioning of adults, e.g., how various problems-in-living

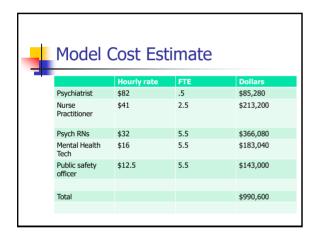


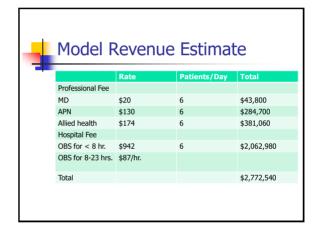
Requirements of Psych OBS

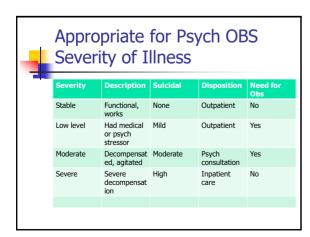
- Security and safety measures
- Restraint and/or seclusion
- Therapeutic setting
- Available mental health resources

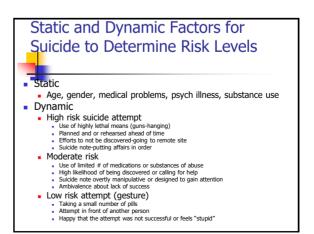














Treatment Protocols

- Depression
 - Need for safety and eval of self-destruction
- Agitated
 - Intensive treatment
- Psychotic patient
 - Antipsychotic +/- benzo
- Manic
 - Antipsychotic +/- benzo



Alcohol and Substance Use

- Psych patients have high rate of substance use disorder
- Differentiate substance use from psychiatric illness
- Observation of intoxication
- Treat minor withdrawal
- Start Suboxone
- Need for SBIRT



OBS Treatment

- Most primarily focused on medications
- Need to involve social work, case management and discharge planer
- Few provide any non-meds treatment
- Family involvement
- Provide peer support services
- Safety planning
- Connection to other services



Interventions

- Brief intervention
 Fleishmann: Effectiveness of brief intervention and contact
 - International study of 8 EDS
 - Brief intervention and enhanced follow up
 - Reduced number of deaths
- Enhanced Intervention

 of an emergency room intervention for adolescent female suicide attempters J Consulting & Clinical Psych 2000;68:1081-
 - 18 month study of female Hispanic patients
 - Soap opera video, family therapy, and staff training
 - Reduced suicide re-attempts and ideation



Reimbursement



- All inclusive bundled billing around \$100 per patient per hour, up to a max of 20 hours.
- No pro fees or other charges
- Crisis stabilization code S 9484
- Medicare
 - Unscheduled psych eval-very poor reimbursement
- Private insurers
 - Negotiated per-diem rate
 - ACOs

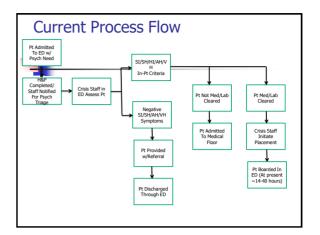


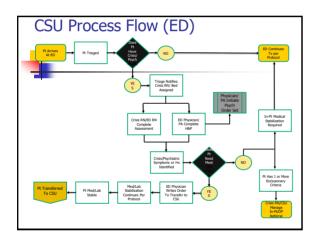
Sinai CSU

- Establish pilot to determine the best practice
- Treatment safe/low stimulation milieu to rapidly assess, stabilize and discharge patient
- Population adults 18-64 self-preservation & ADLs
- Capable of decrease pt boarding time in ED
- Increase utilization of ED resources/beds
- Increase pt access to psych services/tx
- Earlier psych consult & meds
- Increase pt connection with outpatient services
- Initiate psych assessment earlier in process

Sinai CSU Process Objectives

- Decrease pt boarding time in ED
- · Increase utilization of ED resources/beds
- · Increase pt access to psych services/tx
- · Provide safe/low stimulation environment
- Complete psych consult/begin meds when appropriate
- · Increase pt connection/participation with outpatient services
- · Initiate psych assessment earlier in process





How do we reconcile the differences in the literature? Protocol for the Emergency Medicine evaluation of Psychiatric Patients: Zun, LS, Leiken, JB, Scotland, NL cold for the emergency medicine evaluation of psychiatric patients (letter). Am J Emerg Med. 14:329-333, 1996.

Medical Clearance Checklist
Yes No

1. Does the patient have new psychiatric condition?

2. Any history of active medical illness needing evaluation?

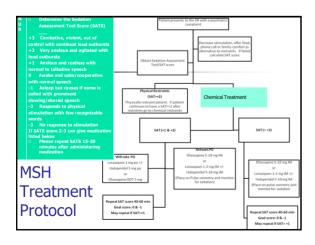
3. Any abnormal vital signs prior to transfer?

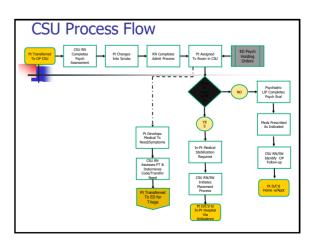
4. Any abnormal physical exam (unclothed)?

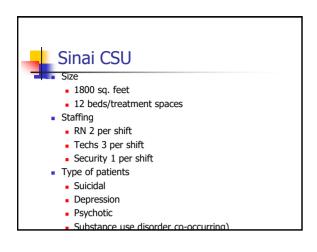
5. Any abnormal mental status indicating medical illness?

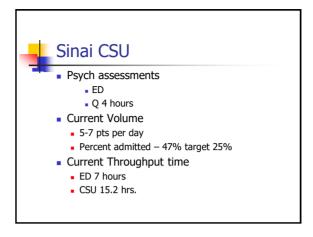
If no to all of the above questions, no further evaluation is necessary.

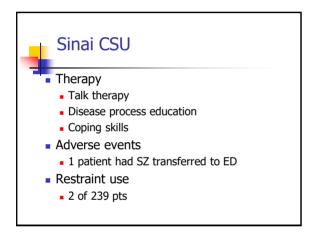
If yes to any of the above questions, tests may be indicated.

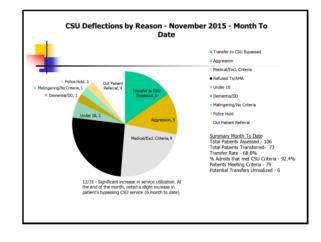


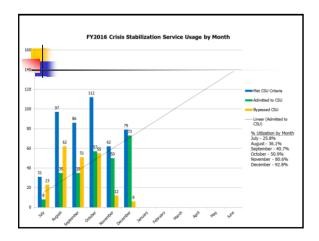


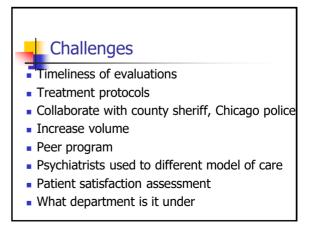














Take Home Point

- If done right, a psych OBS unit can reduce or eliminate psychiatric boarders
- Psych OBS can improve patient care environment, patient safety and reduce admission rate
- Important to establish patient flow process, evaluation and treatment protocols
- Financial benefit is somewhat tenuous

