

University of Utah Hospitals & Clinics



Secured TB Unit (STBU)



STBU

- Opened in August 1995
- Located on the 5th floor of the School of Medicine Building
- Housed adjacent to 5W, Psychiatric unit
 - Many patients are dually diagnosed
- Provided a setting for patients who were non-complaint with directly observed therapy (DOT) for the duration of their treatment period
 - Person poses a public health risk
 - Less restrictive/alternative setting not an option/available
- 1995 8 court-ordered patients



STBU

- “ State-of-the-art” unit specifically designed for patients with airborne transmitted diseases
- Unit layout
 - 2 Ante-rooms
 - Common day room
 - 4 single-patient rooms
- Dedicated heating, ventilation and air conditioning (HVAC) system
 - Negative pressure directional flow
 - Reduction in the concentration of droplet nuclei
 - > 12 air exchanges per hour
- Ventilation system is monitored and alarmed

PATIENT
ROOM 1



PATIENT
ROOM 2



PATIENT
ROOM 3



PATIENT
ROOM 4



ANTE
ROOM 1



ANTE
ROOM 2



DAY
ROOM



ALARM
SILENCE

ALARM



CAUTION



17.50 WE
PRESSURE



STBU

- While the number of TB patients in the state has remained fairly stable, the number of court-ordered patients declined over the years
 - Informed via a written contract that court-ordered confinement will be pursued for non-compliance
 - Word “out on the street” among at-risk community
- Criteria for admission expanded to include patients requiring AFB isolation during initial evaluation or treatment for TB in a non-acute medical setting



STBU Patients

- Admission scenario requests
 - Admitted to r/o TB
 - Admitted with diagnosis of pulmonary TB
- Two types of patients admitted
 - Patients under UDOH TB contract
 - Homeless or unfunded patients
 - Court-ordered patients
 - Overflow r/o TB patients if no beds available in hospital
 - Private pay or insurance



Utah Department of Health TB Contract (TBC)

- Administered through the UDOH
- Special carve-out through Medicaid
- Person has to meet criteria (three or more) to qualify for funding:
 - Homeless
 - In living situation whereby patient poses a risk to others until r/o and no alternative setting is available
 - Not eligible for any other funding
 - Admission requested by a local health department (LHD) or 4th Street Clinic



STBU Admission Request

- Rule-out TB and TB patients must have funding for their UUH&C STBU admission authorized by the UDOH TB Program.
- Requesting agency must contact Cristie Chesler (or designee) for prior authorization to admit patient to the STBU.
- UDOH will pay for admit as payer of last resort



STBU Admission Request

- Requesting agency responsible for requesting admission:
- Requesting agency contacts Richard Kanner, MD Medical Director, STBU, to discuss case and request admission.
- If Dr.Kanner is not available, requesting agency contacts Wayne Samuelson, MD.
- If Dr. Samuelson is not available, call the on-call pulmonary U consult service.



Request for Admission Approved

- Requesting agency responsible for initiating admission/ arranging transportation
- Patient will be admitted either through the admitting office or directly to the STBU
 - Determined between the admitting pulmonary physician and the requesting agency.
- Patients are **NOT** to be sent to the Emergency Department or admitted through the Emergency Department
 - On rare occasion at admitting MD request.
- All admits are considered to be infectious and placed into AFB Precautions till ruled-out or non-infectious



Request for Admission Approved

- Despite prior authorization UUH&C **MUST** demonstrate that all avenues were exhausted for alternate funding before UDOH will pay
 - Assign Admission Office/Case Manager
 - **ONLY** direct TB-related charges will be covered
- Anti-TB medications (inpatient and discharge) cannot be charged; they are replaced through pharmacy by the UDOH stockpile.
 - Non-TB related medications not covered



“Routine” Rule-out /TB Admission

- UUH&C has to petition and request funding if person is admitted without prior authorization
- Must meet same eligibility criteria as for authorized admissions
- Must request funding at time of admission or within 24 hours of admission



Once Admitted: UUH&C Responsibility....

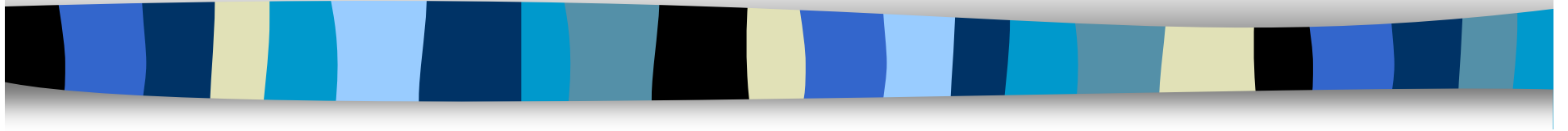
- Louise Eutropius (or designee) notified of TB admission.
 - Serve as case manager for TB patients
 - Arrange STBU case management meetings
 - Coordinate treatment plan
- Communicate/coordinate with LHD and assigned public health nurse
 - Discuss case
 - Forward documents, sputums results, etc
 - Assist with discharge planning
- Communicate with other agencies
 - 4th Street Clinic



Once Admitted: LHD Responsibility....

- LHD assigns PHN to case
 - Visit patient during admission
 - Monitor progress
 - Provide incentives
 - Access living situation prior to discharge
 - Contact tracing
- PHN responsible for coordinating and following up with discharge planning into community setting
 - Housing
 - Follow-up visits
 - DOT contract

Court-ordered Confinement of Clients for Treatment



Non-adherent clients with
active TB disease



Initiation of Legal Action

- **Local Health Officer informed of client non-adherence.**
- **Local Health Officer contacts County Attorney to begin legal process.**
- **Local health department, TB Control/Refugee Health Program, University of Utah and County Attorney hold a case conference to discuss strategy.**



Legal Process

- **Utah Code Section 26-6b-3 through 26- 6b-3.3**

http://www.le.state.ut.us/~code/TITLE26/htm/26_07004.htm



Tuberculosis Isolation Procedures

- May issue a verbal order of restriction – valid for 24 hours from the time the order of restriction is issued.
- May only be continued beyond the initial 24 hours if a written order of restriction is issued.
- Either seek judicial review of an order of restriction or obtain the consent of an individual subject to an order of restriction.
- File a petition in district court within five business days after original request for a judicial review; and
- Proceed under Sections 26-6b-4 through 26-6b-6



Tuberculosis Isolation Procedures

- **Can be found at**
www.health.utah.gov/tbrefugee

Click on TB Control Page

Legal Process

Communicable Disease Control

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Utah Department of Health | General Mailing Address: PO Box 141010, Salt Lake City, UT 84114-1010 | General Phone Number: 801-538-6101

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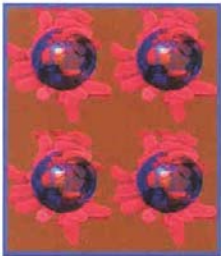

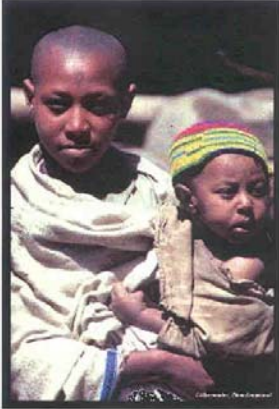
Tuberculosis and Refugee Health Program

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Utah!
Where ideas connect

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Things to Consider

- What documentation do you need in order to involuntarily isolate a TB Client.

TB Program mission vs. community perception

- Once the isolation process is initiated, who do you need to coordinate with.



TB Program Contacts

- **Cristie Chesler, TB Control Officer**
@ 801-538-9465
- Larry Niler, RN, Nurse Consultant**
@ 801-538-9906

