



Pharmacy Services

Stephanie Zepeda, Pharm.D.
Assistant Director of Pharmacy
Residency Program Director
UTMB Correctional Managed Care



Overview of Operations

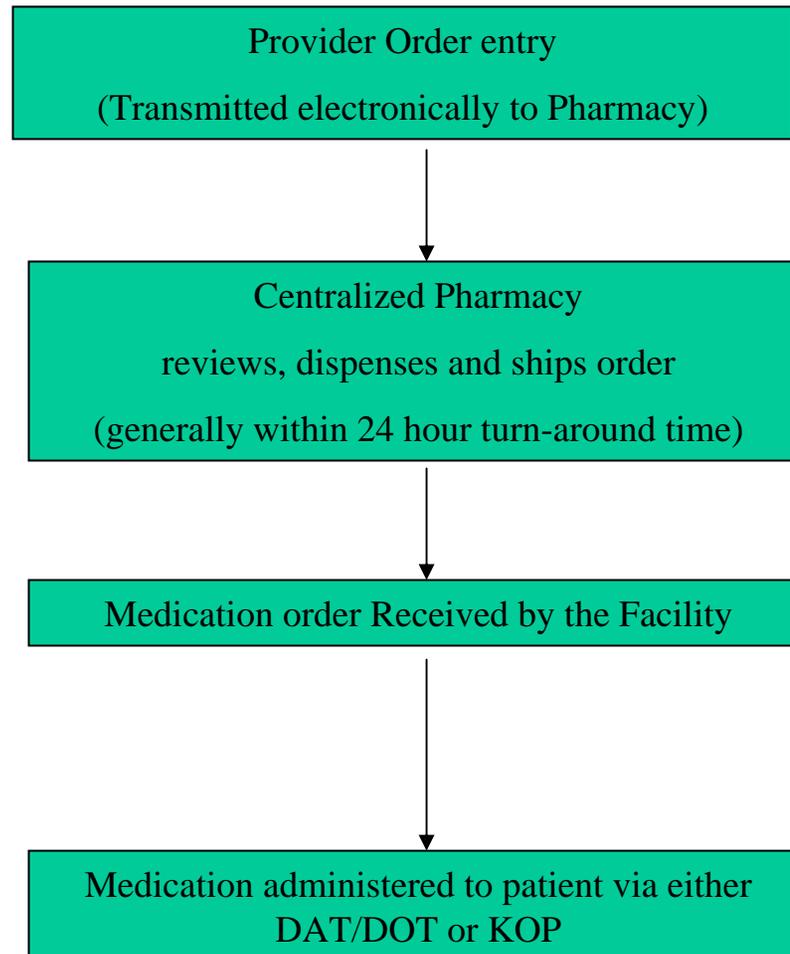
- Pharmacy procurement and distribution provided by UTMB Correctional Pharmacy statewide to about 151,000 TDCJ offenders
- Clinical pharmacy services and consultation provided by UTMB and TTUHSC within their sectors
- Medications prescribed, filled and distributed using computerized systems.
- Pharmacy and Therapeutics Committee provides oversight of standard formulary and formulates disease management guidelines

Pharmacy and Therapeutics Committee Function

- Develop drug use policies and procedures
- Maintain and update TDCJ Formulary
- Ensure safe and effective drug therapy
- Develop educational programs relating to drug use
- Conduct and/or review medication use evaluation studies and results, make recommendations
- Quality assurance
- Manage drug therapy costs

Medication Delivery System

- A computerized ordering system provides a template for each medication with normal dose and frequency to reduce order entry errors.
- The computer system flags potential drug-drug interactions at the time of prescribing.
- A copy of all current active medications is printed and placed on the patient record so that each provider is aware of all medications being taken by the patient.
- Access to automated prescribing system is restricted to licensed providers through use of identification security.



Dispensing

Centralized pharmacy staff use robotics and other automation to fill an average of 12,000 individual medication orders daily and an additional 50-60 floorstock/warehouse orders.



Pharmacist Profile Review

Medication orders are prospectively reviewed by a pharmacist in the context of the patient's entire medication regimen. Any problems or opportunities to improve pharmacotherapy are discussed with the care provider.



Packaging



Medications/prescriptions are bar-coded and checked by an automated system to assure proper match between prescription and the actual drug and strength dispensed.

Medication order labels include expiration dates for the prescriber order.



Automated Final Check & Sort



Most orders are received by next business day



Administering

- Medication is administered using a computer profile and record for each patient. Only active approved medications can be recorded.
- Each non-KOP dose is documented on the computer to verify patient compliance.
- Computer and ID used to verify “right patient-right meds”
- Reports of expired/discontinued medications provide mechanism to return unused medications to pharmacy.

Monitoring

- Any adverse drug reaction must be documented in patient record and reported to an assigned clinical pharmacist for review within 72 hours.
- Medication errors(administration, dispensing, transcription and/or packaging) must be documented and reported according to written policy.
- Medication error reports are reviewed by the facility director of nursing and the facility health authority. Report is then distributed to the DON and to the Pharmacy Director
- The unit QI/QM team is required to review all medication error reports.

Monitoring

- Monthly pharmacy inspections are conducted and documented by unit staff against a specific checklist.
- Quarterly, each facility is subject to an on-site audit by a pharmacist of the medication storage and distribution areas.
- The Operational Review process includes a check to verify the pharmacy inspections take place and numerous checks relating to specific medication related activities.
- Non-formulary medication use is closely monitored with clinical pharmacy specialists providing consultations to assure understanding of dosage, monitoring and targeted outcomes.

340B Program (SB 347)

- SB 347 required a good faith effort to qualify for Public Health Service Pricing through the federal 340B program using UTMB's DSH status
- Effective April 1, 2002, federal approval granted for UTMB sector units.
- Appropriation reduction (est. \$10M) already taken in anticipation of federal approval.
- Continue to buy drugs through wholesaler arrangements, but have access to lower PHS pricing.