Bridging the Gap: Objectives

- Discuss background related to delivery of healthcare in NCDPS
- Discuss NCDPS interaction with N. C. Public Health System
- Give overview of our management of disease processes within NCDPS
- Discuss our current key relationships with N. C. Public Health so as to prevent spreading of communicable disease

Custody Rules!

Our Vision

To be regarded as the premier correctional healthcare program in the United States
Our Mission

To provide access to quality, cost effective healthcare that is rendered by competent healthcare professionals.

Our Goals

- To uphold the mission and goals of the North Carolina Department of Public Safety
- To view correctional facilities as public health stations that significantly impact the health status of the larger community
- To manage the care so as to improve the health status of the inmates and the citizens of North Carolina assuring that the best value is obtained for the tax dollars spent
- To provide care consistent with community standards
- To focus on the internal and external customers served the North Carolina Department of Public Safety

Health Services Motto

TEAM + ACCOUNTABILITY = SUCCESS

NCDPS Prison Locations
Inmate Population

- Inmate Population as of 05/13/2013
  - Males and Females: 37,359
  - Growing at a rapid rate
    - Less than 20,000 in 1990
    - Projected to be 40,000 in 2009, projections have decreased

- Additional Considerations
  - General health status
  - Average age of inmates increasing
    - 1,473 inmates >60 y.o.
    - 260 inmates above age 70

Overall Services

- Comprehensive
  - Medical and Surgical Care
  - Mental Health Care
  - Dental Care
  - Nursing Care
  - Pharmacy

- Service Levels Include
  - Primary Care
  - Specialty Care
  - Inpatient Care
  - Residential Care

Services

- Primary care services provided at 66 facilities across the state
  - Five facilities proposed to close (Budget reductions)

- Specialty Care Services
  - Provided at selected facilities:
    - Central Prison
    - North Carolina Correctional Institution for Women
    - Hoke Correctional Institution
    - Piedmont Correctional Institution
    - Western Youth Institution
    - Alexander
    - Maury

- Community based services also available throughout the state via negotiated agreements with providers
  - Local and regional hospitals
    - Community Hospitals
    - Tertiary Care Facilities
  - Local and regional professional providers
    - Individual Providers
    - Multispecialty Group Providers
NCDOC Health Services Expenditures

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Challenges
- Large Number of Prison Units Spread Across State
- Staff Shortages
- Aging Inmates
  - Youngest: 16 years old
  - Oldest: 90 years old
- State Budget Deficit - Less Money Available for NCDPS Health Services
- Multiple strategies implemented by Health Services to meet the challenges

Performance Improvement
- Medical Review Committee
  - Facility Reviews
  - Peer Review
  - Sentinel Case Review
- Risk Management Program
  - Incident Reporting
  - Medication Error Tracking
  - ER Visit Tracking
- Credentialing/Privileging
- Quality Council
- TAPS (employee appraisal process)
- Job Competencies Development
- Continuing education
Utilization Management

- Prospective review or Preauthorization,
- Concurrent Review,
- Discharge planning and
- Retrospective Review

Consents

- Inmates can give consents if competent
- Legal guardian or authorized family member—info available from Custody Staff/Social Worker
- Emergency consent obtained
  - When pt unable and family unavailable
  - Call 919. 838. 4000
    - Chief of Health Services - Dr. Smith or
    - Deputy Medical Director - Dr. Agarwal

Think “Beyond the Box”

“If we do as we have always done, we get what we have always gotten.”

THE CONTINUUM CHALLENGE

Are we doing the best we can?
- Diagnosis
  - Infectious diseases (HIV, STI)
  - TB, HCV, HBV
  - Mental illness
  - Substance abuse
- Treatment
- Linkage to community care

How do we maintain the benefits of care experienced during incarceration?
- Linkage to care and services
- Adequate community resources
- Treatment (HIV, mental health, substance abuse)

How to break the cycle?
- Societal challenge (Poverty, discrimination, sentencing laws)
- Policy

Slide from: Dr. David Wohl
UNC Infectious Disease Department
**Case Management**

- **Established – 1994**
- Partnership - DHHS/State Public Health System
- Program Components
- Education
- Behavior Modification Information
- Post-Test Counseling
- Risk Assessments
- Care Plan Development/Disease Management
- Initiation of Treatment/UNC Infectious Disease
- Tracking
- Aftercare Planning

**Case Management**

- Eleven (11) Registered Nurses
  - Tracking of all +HIV or AIDS
  - Education (inmates & staff)
  - Testing
  - Counseling
  - Release/Discharge Planning
  - Health Law Violators
  - Patient advocacy
  - Liaison with Public Health and other governmental agencies

**Causes of Death 2001-2012**

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**Disease Management**

**Chronic Disease Tracking**

- Cardiovascular
  - HTN
  - CAD
  - CHF
- Diabetes
- Seizures
- HIV/AIDS
- Asthma/COPD

A chronic disease is an illness or condition that affects an individual's well-being for an extended interval, usually at least six (6) months and generally is not curable but can be managed to provide optimum functioning within limitations of the disease (revised definition).
HIV Care
- On-site Clinical care
- Longstanding relationship with UNC ID Department
- Treatment protocols
- Linkage to care
  - Discharge planning
  - Referral

Case Management Expansion
- Hand Hygiene Campaign
- Infectious Disease Tracking
  - Hepatitis C
  - Hepatitis B
  - MRSA
  - Outbreaks
- Communicable Disease Reporting

Monitoring/Tracking TB
- Nurses trained to give PPD
- All inmates skin tested at admission and annually
- All staff offered annual testing
- Treatment of Active TB (4-drug regimen)
- Latent TB (treatment options)
- Consultation with TB consultants
  - Monthly on-site conferences/case reviews
  - Quarterly meetings with LHD
- Immediate access to Dr. Stout/designee

Management of TB
- Assigned case managers
- Close monitoring
- Tracking of contacts
- Contact investigations
- Coordination with County and State Public Health Officials
- Review of x-rays as needed
Other Initiatives

- New Healthcare Facilities
  - NCCIW
  - CP
- Telemedicine
- Recruitment and Retention Efforts
- Development of LTC facilities
- Electronic Health Records

UNC HEALTHCARE – NCDPS PARTNERSHIP

- Longstanding relationship
- Inpatient Care
- Specialty Clinics

NCDPS Future

- Opportunity for more extensive partnership
  - Staff education
  - Staff training
- Opportunity to involve more specialty groups
  - Onsite at prisons
  - In office settings

Next Steps

Keys to ongoing Partnership
Questions & Answers