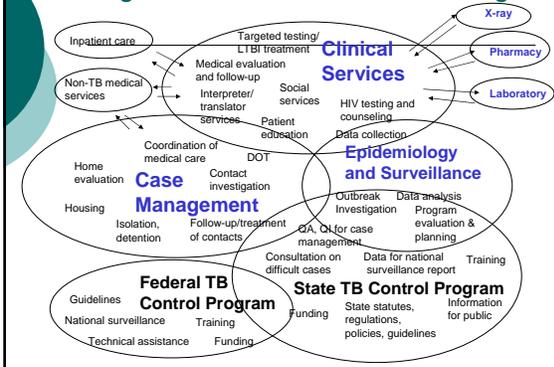


New Directions for TB Program Evaluation in Virginia

Jane Moore, RN, MHSA

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The Virginia View of a TB Control Program



NTIP – the driving force

- CDC's National TB Indicators Project
 - Program performance measurement
- 15 indicators
- Each state required to submit 5-year plan detailing planned progress towards meeting national objective

Objective 1 – Completion of Treatment

- For patients with newly diagnosed TB for whom 12 months or less of treatment is indicated, increase the proportion of patients who complete treatment within 12 months to 93.0%
 - Five year average 2003-2007 – 84.5%
 - *2007 – 78.4%

	2010	2011	2012	2013	2014
Objective 1	86%	87%	89%	91%	93%

* - most recent data available

Objective 3 – Contact Investigation

- Target 1 – increase the proportion of TB patients with positive acid-fast bacillus (AFB) sputum smear results who have contacts elicited to 100.0%
 - 2002-2006 – 92.6%
 - *2006 – 87.9%

	2010	2011	2012	2013	2014
Target 1	90	93	95	97	99

* - most recent data available

Objective 3 – Contact Investigation

- Target 2 – increase the proportion of contacts to sputum AFB smear-positive TB patients who are evaluated for infection and disease to 93.0%
 - 2002-2006 – 92.1%
 - *2006 – 90.5%
 - Met or exceeded target 3 of 5 years – 2002-2004-2005

	2010	2011	2012	2013	2014
Target 2	92.1	92.4	92.5	92.8	93

* - most recent data available

Objective 3 – Contact Investigation

- Target 3 – increase the proportion of contacts to sputum AFB smear-positive TB patients with newly diagnosed latent TB infection (LTBI) who start treatment to 88%
 - 2002-2006 – 64.9%
 - *2006 – 60.5%

	2010	2011	2012	2013	2014
Target 3	65	67	70	72.5	75

* - most recent data available

Objective 3 – Contact Investigation

- Target 4 – for contacts to sputum AFB smear-positive TB patients who have started treatment for the newly diagnosed LTBI, increase the proportion who complete treatment to 79.0%
 - 2002-2006 - - 67.7%
 - *2006 – 61.6%

	2010	2011	2012	2013	2014
Target 4	68	69	70	71	72

* - most recent data available

Objective 6 – Sputum Culture Conversion

- Increase the proportion of TB patients with positive sputum culture results who have documented conversion to sputum culture-negative within 60 days of treatment initiation to 61.5%
 - 2004-2008 – 46.9%
 - 2008 – 27.8%

	2010	2011	2012	2013	2014
Objective 6	40%	45%	50%	55%	60%

Objective 8 – Recommended Initial Therapy

- Increase the proportion of patients who are started on the recommended initial 4-drug regimen when suspected of having TB disease to 93.4%
 - 2004-2008 – 90%
 - 2008 – 90.9%
 - Health departments – 91.8%
 - Private providers – 72.7%

	2010	2011	2012	2013	2014
Objective 8	91.4%	91.7%	92%	92.5%	93%

Objective 10 – Known HIV Status

- Increase the proportion of TB cases with positive or negative HIV test result reported to 88.7%
 - 2004-2008 – 75.1%
 - 2008 – 75.7%
 - Met prior objective targeting selected age range

	2010	2011	2012	2013	2014
Objective 10	75%	77.1%	79.3%	81.3%	83%

Objective 12 – Sputum Culture Reported

- Increase the proportion of TB cases with a pleural or respiratory site of disease in patients ages 12 years or older that have a sputum-culture result reported to 95.7%
 - 2004-2008 – 87.7%
 - 2008 – 82.6%

	2010	2011	2012	2013	2014
Objective 12	88%	89%	90%	91%	92%

The Next Steps

- Case reviews – ongoing & continuing
- Cohort reviews – coming in 2010
- District program evaluations
 - Every three year process beginning in mid-2010

Clinical Consultation

- TB Control has established MOAs to provide expert TB Clinical Consultation
 - Lara Beth Gadkowski, MD – EVMS
 - Eric Houpt, MD – UVA
- Point of contact and access to consultants through TB Control

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