

HIV Interventions in Drug Abuse Treatment

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PREVIEW

- **Transmission of HIV**
- **Does drug abuse treatment still prevent HIV?**
- **What to Do**
 - **Assess Patient Risks**
 - **Prevent Infection**
 - **Limit Disease consequences**
 - **Give & Get Information**

BIG PICTURE

- **Drug users mightily affected**
- **Reducing drug use is #1 priority**
- **Drug treatment opportunity**

HIV

How much in Drug Users?

0-35% of IDUs in treatment

Drug use a factor in 1/3 HIV cases in the US

Drug Treatment continues to be top-flight prevention



AIDS IN USA - INJECTING DRUG USERS

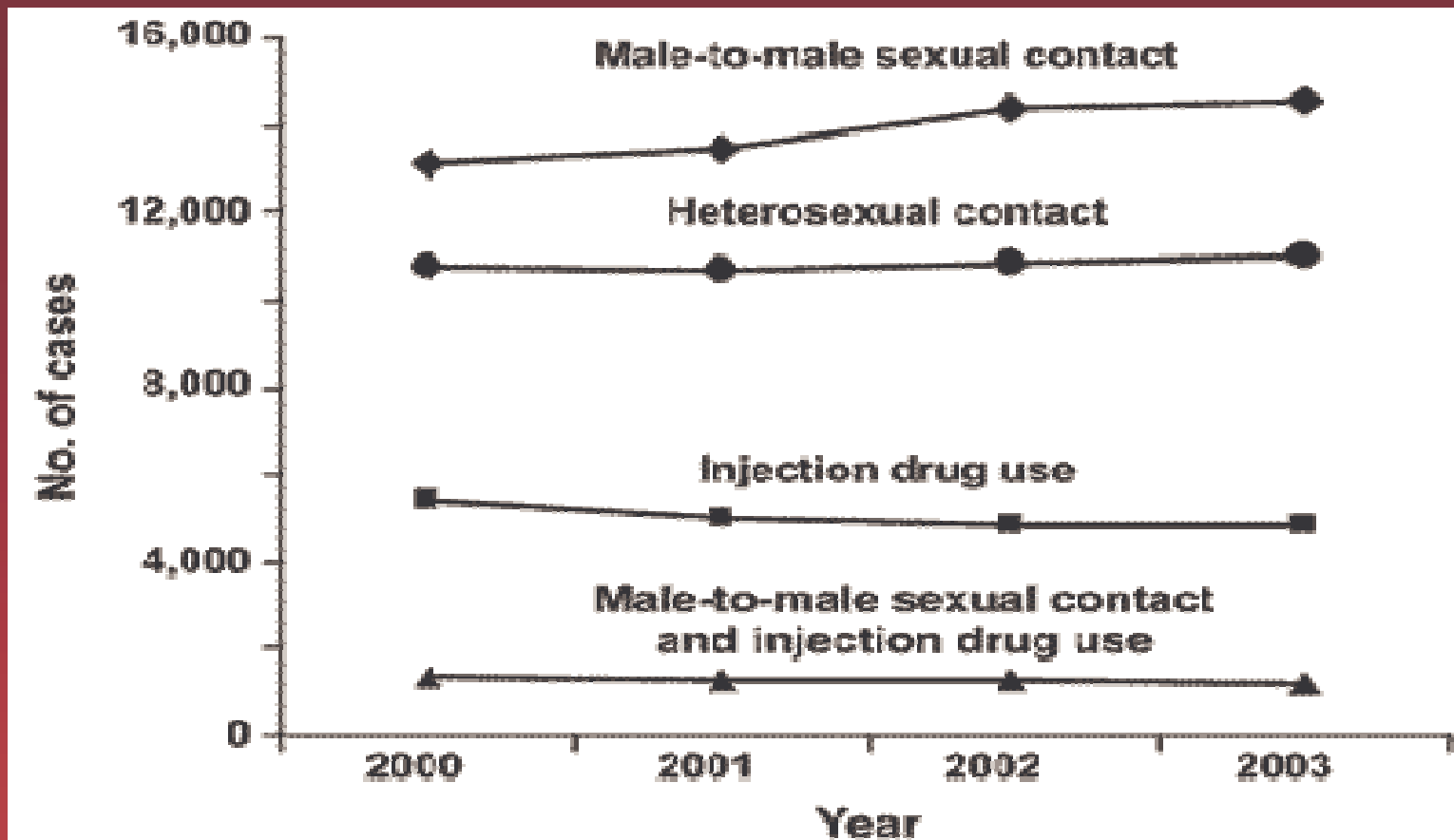
USA AIDS Cases

Cumulative from the beginning of the epidemic through December 2003*

Category	Number	Percent
USA AIDS Cases	902,223	100
IDU Linked	316,085	35
IDU Only	218,196	24
IDU & m-t-m	57,998	6
Het Contact with IDU	35,078	4
Children <13 with IDU Link	4,813	1

* Source: CDCP HIV/AIDS Surveillance Report, Vol. 15, March 2005 update, p. 32

Cases of HIV/AIDS among persons age 13 and older, by year of diagnosis and transmission category, 2000–2003—33 areas with confidential name-based HIV infection reporting



RECENT PUBLICATIONS ON HIV- PREVENTIVE EFFECT OF TREATMENT

- Gowing et al (2004) Cochrane Review
 - 28 studies, N=7900
- Woody et al (2003) NIDA cocaine collab.
 - 40% decrease in HIV risk
- Kwiatkowski et al (2001) MMT
 - 316 street-recruited. Less injection but not changes in other HIV risk behaviors

META-ANALYSIS: HIV RISK-REDUCTION IN DRUG TREATMENT PROGRAMS

- **Reliable, positive effect size (.31)**
 - Risk-reduction skills (ES .62)
 - Knowledge, attitudes and beliefs (ES .31)
 - Sexual behavior (ES .26)
 - Injection practices (ES .64)
- **Moderators**
 - Ethnic minority samples (negative)
 - # & specificity of intervention techniques used
 - Intensity of interventions
 - **Later stage or in MMT**

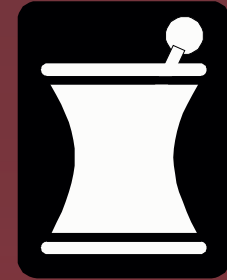
Prendergast ML, Urada D, Podus D (2001). Meta-analysis of HIV risk-reduction interventions within drug abuse treatment programs. *J Consult Clin Psychol.* 2001 Jun;69(3):389-405.

Transmission of HIV



- syringe sharing
- unprotected sex
- perinatal

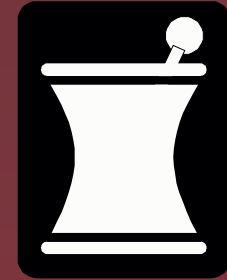
WHAT TO DO



1. Assess Patient Risks

- Tools from research: RAB, RBA, TCU-ARA
 - At risk? History? Treated?
- Lab (or now saliva) tests and counseling
- ID candidates
 - For treatment, for preventive activities

WHAT TO DO



2. Prevent Infection

- Get into drug abuse treatment!
- Provide counseling, risk education
- Link up with agencies
- Link continuing users with exchanges

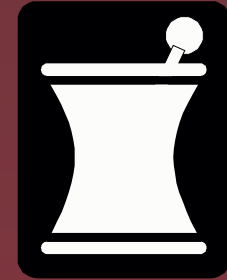
WHAT TO DO

3. Limit Disease Consequences

- Link to primary care (CSAT Tip 37)
 - Onsite care is better
- Link to other services
 - Case management, transportation
- Promote medication adherence

WHAT TO DO

4. Get & Give Information



- Keep up with changing research, ethical & legal issues
- Educate staff & community
- Tie with community leaders & patient representatives

CTN's Mission

*To Improve Drug Abuse Treatment
Throughout the Nation...*

Using SCIENCE as the Vehicle