What can Happen when Harm Reduction Services are not Readily Available: A Case Study from Scott County, Indiana

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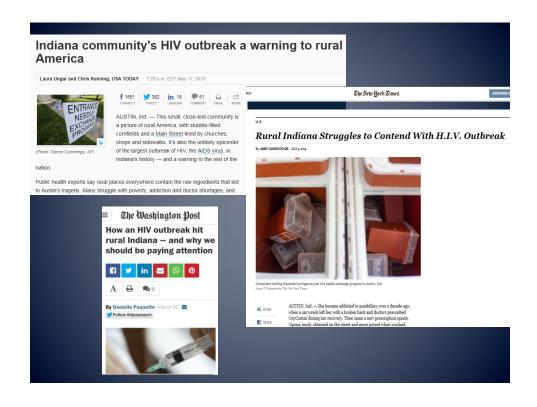
Associate Dean for Public Health Practice
Associate Professor, Health Policy and Administration

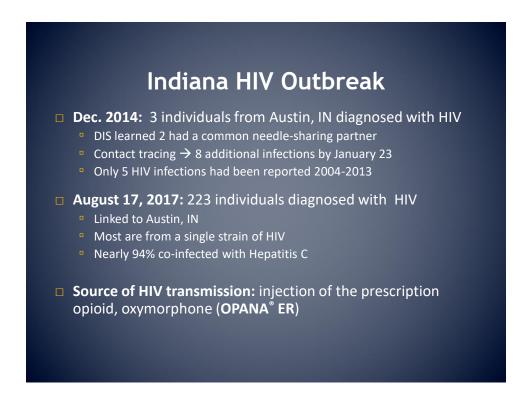


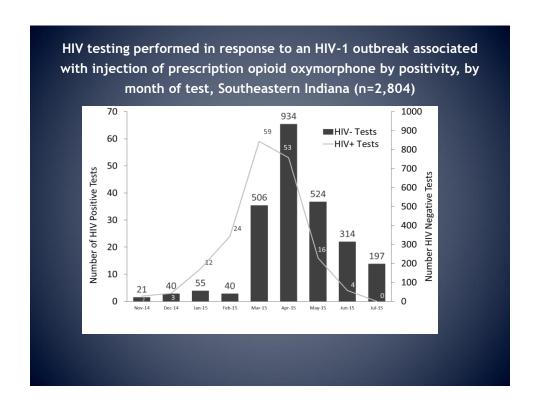
Disclosures

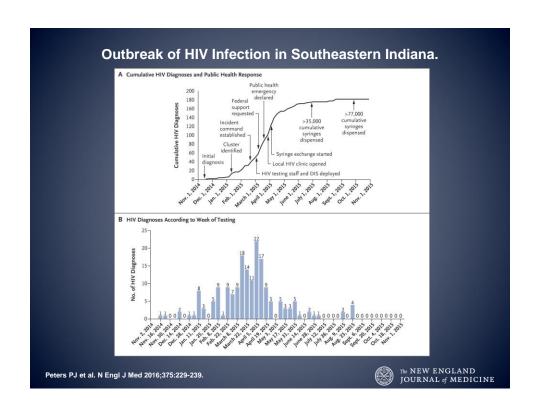
I have no relationships to disclose.

I will be describing illicit use of the prescription opioid, OPANA® ER.

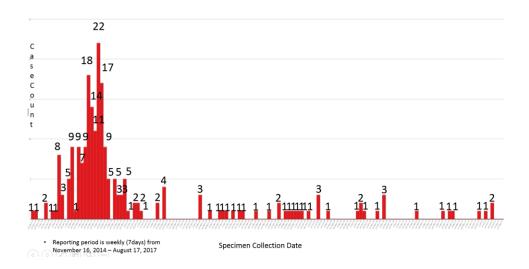


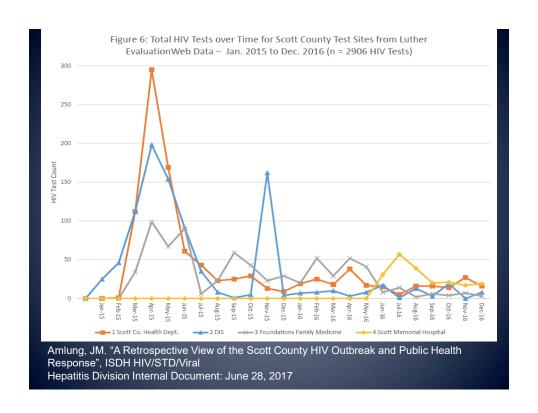




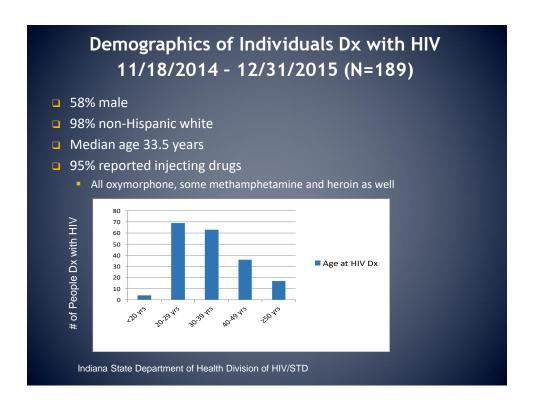


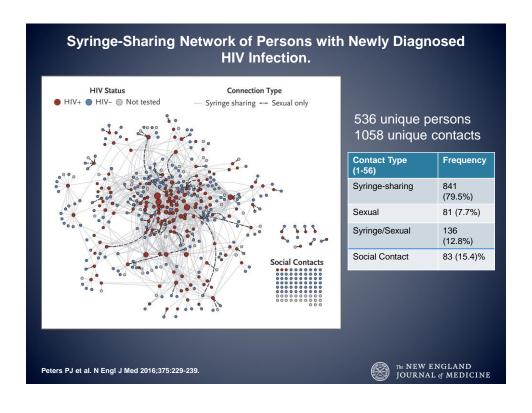
Epidemic Curve 8.17.2017

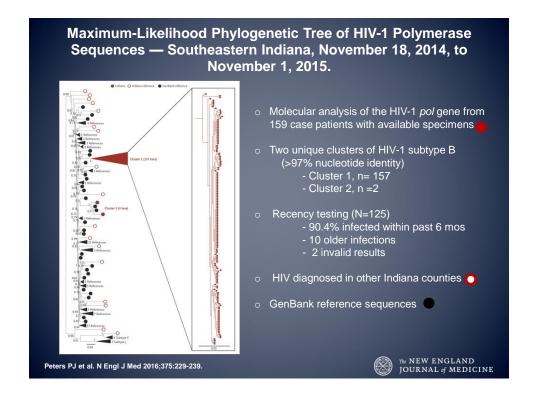




Contact Tracing and HIV Testing 8/17/2017				
Named Contacts	554			
Tested	491 (88.6%)			
Refused testing	14 (2.5%)			
Unable to locate	32 (5.8%)			
Other	17 (3.1%)			
Other Tested	38			
Total Tested	529			
HIV positive	223 (43.1%)			
HCV positive	209 (93.7%)			

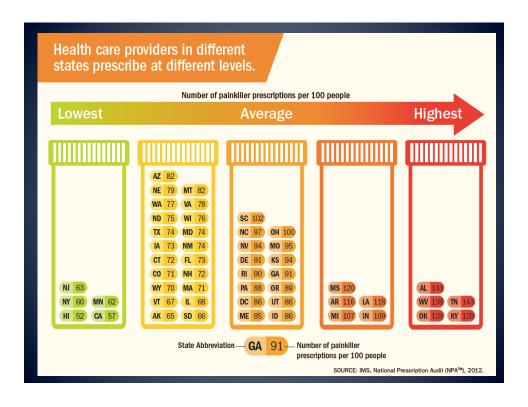


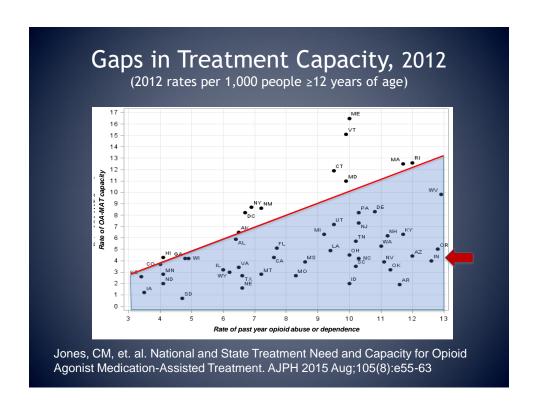


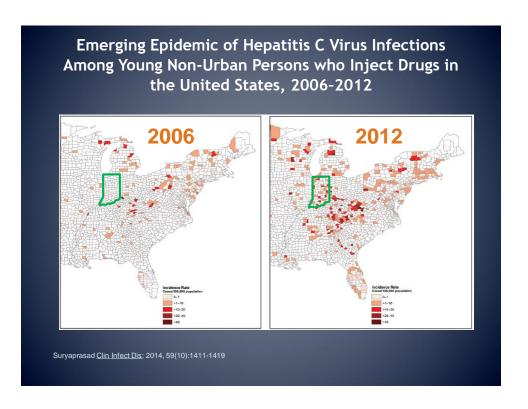


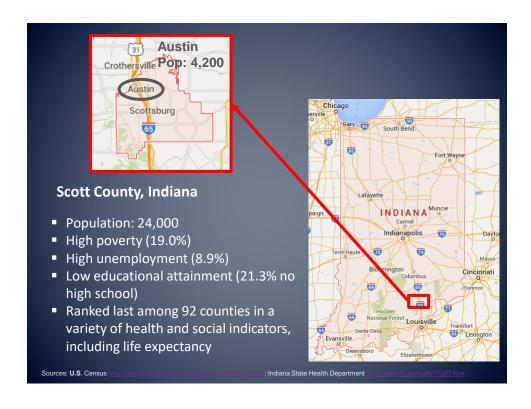
Mode of Transmission (Risk Factors)	HIV at First Diagnosis		AIDS at First Diagnosis	
	Count	%	Count	%
Men who have sex with men (MSM)	196	36%	31	40%
Injection Drug User (IDU)	175	32%	2	2%
MSM & IDU	11	2%	1	1%
Heterosexual	75	14%	16	21%
Mother diagnosed HIV+ or AIDS	2	0%	1	1%
Other (Pediatric Transfusion, MSM Heterosexual and Adult Transfusion/Hemophilia etc.)	31	6%	6	8%
Not Identified at This Time and/or No Reported Risk	53	10%	21	27%
Total	543	100%	78	100%
IN 2014 PWID 2% o	of new HIV dia of new HIV/AIE of new HIV/AIE	OS diagnoses		



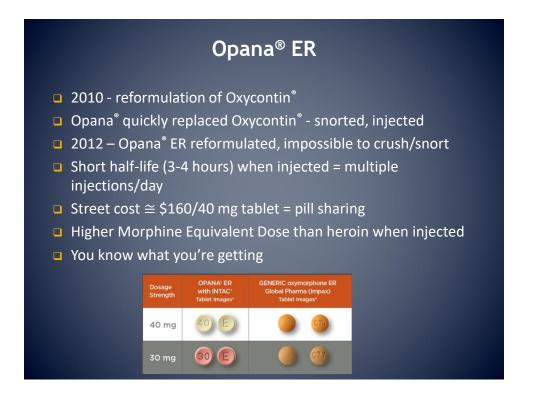












The potency of oxymorphone was a factor in transitioning from OxyContin® to OPANA® ER

"I could not find any of the OxyContins and someone came to me with an Opana....

I had a lot of people tell me 'Don't do Opana because a lot of people say you do it one time and you're hooked'...

And that's exactly what happened. I did one that night and the next morning I woke up and I just felt, I felt terrible. And so I had to get another one.

You get hooked on 'em really fast, the Opanas. Very fast." (DB08)

"And man it was so pure, I'd love to have one right now" (JZ02)

IUPUI/ISDH/CDC Focus Groups and Interviews, PWID, Scott County: Unpublished Findings Not for Distribution

Drug Use among people with HIV (N=108)*

- Multigenerational
- Sharing of injection equipment common
- Daily injections: 4-15
- Number of partners: 1-6 per injection event
- Average number of unique contacts per case: 8 (range: 0-80)

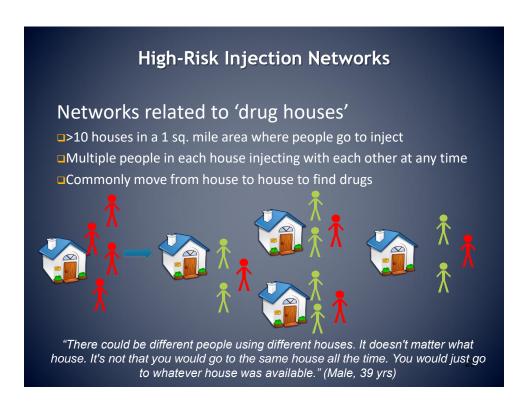
"I was living with my cousins and everybody would use the same needles...
We'd put water in a cup, and everybody would use the same water and can...
my boyfriend, friends, family, cousins, sister.

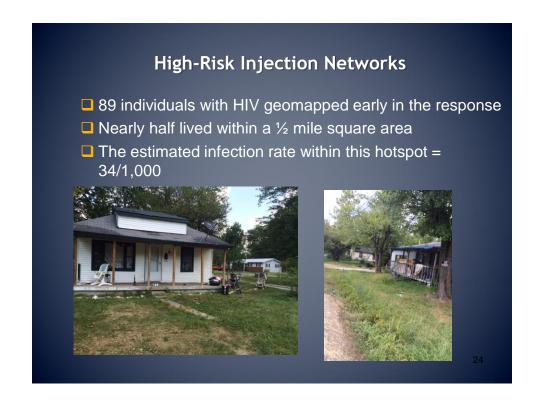
If I was sick, had a pill, and I didn't have a needle, I would use whoever's was there...

I've used needles before that the plungers were broke, and we'd melt them back together to use" (Pl06)^

*Early Release, MMWR Morb Mortal Wkly Report 2015, April 24, 2015

^IUPUI/ISDH/CDC Focus Groups and Interviews, PWID, Scott County: Unpublished Findings Not for Distribution





What We Needed to Control the Outbreak

- Get individuals with HIV and HCV into care and treatment
- Expand HIV/HCV testing and capacity for early detection
 - Jails, treatment providers, emergency departments
 - Active outreach and testing
- Develop systems to keep at-risk individuals uninfected
 - Systematic retesting and education of persons at risk
 - SSP and HIV PrEP
- Increase addiction treatment services and prevent overdose deaths
 - Medication-assisted treatment, naloxone distribution
- Decrease the stigma of HIV and Injection Drug Use
- Long-term solutions to improve public health infrastructure and socioeconomic disparities







NEWS

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OPINION

Governor declares HIV outbreak in Southern Indiana a public health emergency

by Local Sources on March 26, 2015 in NEWS

Governor Mike Pence today declared a public health emergency in Scott County due to an outbreak of HIV that has reached epidemic proportions.

The declaration was issued in Executive Order 15-05, which orders the state to coordinate a multi-agency response, and provides additional resources and tools to tackle the outbreak.

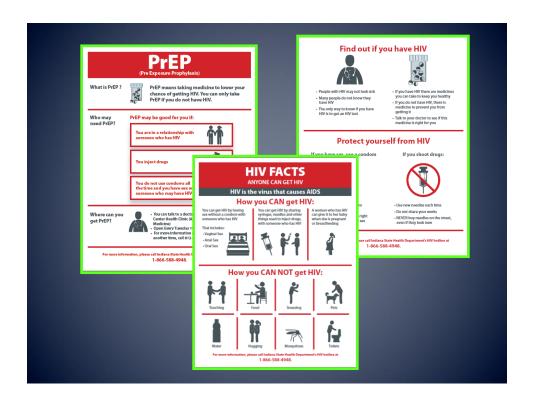
Community Outreach Center: a One-Stop Shop

- Community Outreach Center
 - HIV and HCV/HBV testing
 - Care coordination for HIV medical care
 - Syringe exchange program
 - Substance use disorder treatment services
 - Routine immunizations
 - Insurance enrollment (e.g., birth certificates, driver's license)
 - Job training
- Relocated to the Scott County Health Department Satellite Office in Austin









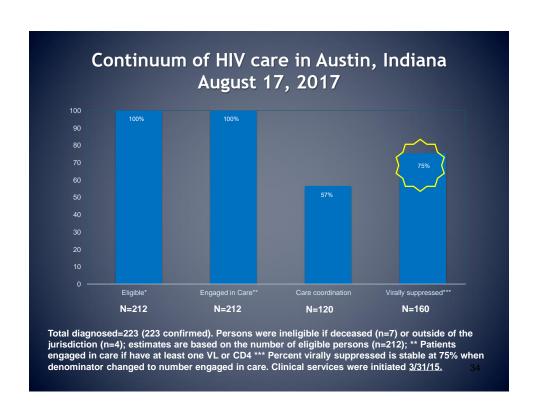


Clinical HIV/HCV Prevention Efforts

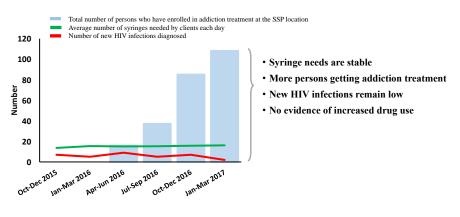
- Collaborative effort
 - Academic clinical partners (Indiana U., University of Louisville)
 - Local, state and federal agencies (Local Public Health, Indiana Dept. of Mental Health and Addiction, Indiana Medicaid, CDC, SAMHSA)
 - Private sector (LifeSpring, Aids Healthcare Foundation, Centerstone)
- Focused on Local Health Dept, primary care provider, county jail,
 Community Mental Health Center, and Scott Memorial Hospital ED
- Increased capacity to provide:
 - HIV/HCV testing (jail, community, ED, other "touchpoints")
 - HIV/HCV care (Treat to Prevent)
 - PrEP
 - Medication-assisted therapy
 - Community discussions re: MAT
 - County jail naltrexone release program
 - Buprenorphine waiver training







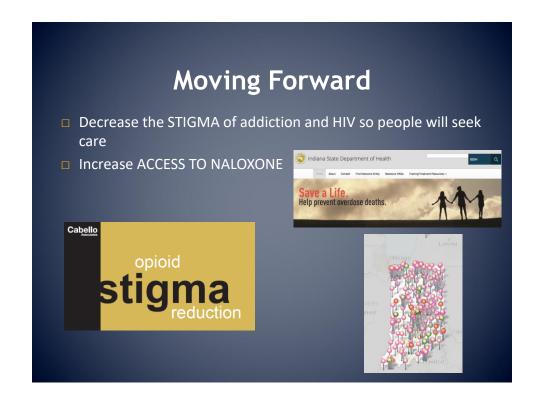
Major Progress in Scott County



 $\underline{Source} : Indiana\ State\ Department\ of\ Health,\ Indiana\ Family\ and\ Social\ Services\ Administration,\ and\ IU\ Fairbanks\ School\ of\ Public\ Health$

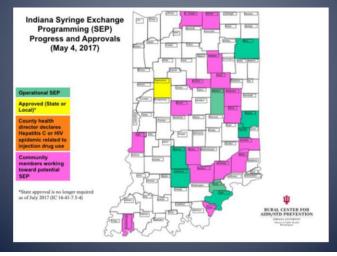






Moving Forward

 Support requests from local government to establish harm reduction service programs



Acknowledgements

- Scott County Health Department
- Clark County Health Department
- Disease Intervention Specialists (EMAC states)
- Foundations Family Medicine
- Indiana University, Division of Infectious Diseases
- University of Louisville, Division of Infectious Diseases
- CDC
 - Division of STD Prevention
 - Division of HIV/AIDS Prevention (DHAP)
 - Division of Viral Hepatitis (DVH)
 - Epidemic Intelligence Service (EIS) Program Office
- Indiana Department of Mental Health and Addiction (DMHA)
- Indiana State Department of Health (ISDH)

Addictions ... started out like magical pets, pocket monsters. They did extraordinary tricks, showed you things you hadn't seen, were fun.

But came, through some gradual dire alchemy, to make decisions for you.

Eventually, they were making your most crucial life-decisions.

And they were ... less intelligent than goldfish.

WILLIAM GIBSON, Zero History

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