



PEOPLE WHO INJECT DRUGS HAVE INEQUITABLE CHANCE TO BE HCV TESTED

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Disclosures

Co-authors and I don't have conflicts of interests.

Background

Why is this study important?

- The first analysis of HIV medical record system in Ukraine regarding HCV
- HCV prevalence among PWID in Ukraine 63,9% (IBBS, 2017)

Aims

1. To measure HCV prevalence among HIV patients (and particularly among PWID)
2. To examine factors associated with (1) being HCV tested and (2) HCV positive test result

Methods

Study population

- PLHIV who are patients of HIV clinics, particularly PWID

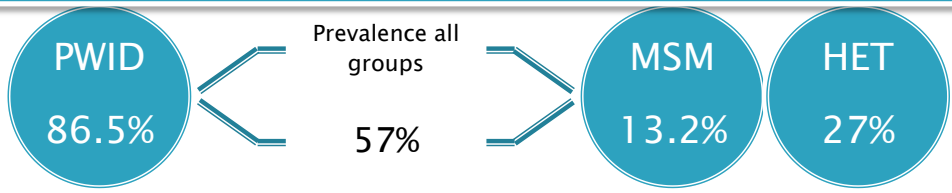
Data source

- Medical records in 18 regions of Ukraine in HIV clinics for patients diagnosed with HIV in 2010-2014 (n=27829)

Statistical analysis

- Multivariate logistic regression
- Predictors : sex, age, mode of HIV transmission, year of linkage to HIV care

HCV prevalence among those who was tested
(HCV testing coverage 48.9%)



MULTIVARIATE LOGISTIC REGRESSION RESULTS							
Variables		HCV tested			HCV positive result		
		Exp(B)	CI	Sig	Exp(B)	CI	Sig
MoT Ref. HET	IDU	0.82	0.77-0.87	<0.001	15.18	13.53-17.03	<0.001
	Homo	1.77	1.35-2.33	<0.001	0.36	0.22-0.58	<0.001
	Others	1.29	1.19-1.38	<0.001	2.14	2.46	<0.001
Age Ref. 45 y.o.+	15-24 y.o.	1.04	0.9-1,22	<0.001	0.37	0.27	0.51
	25-44 y.o.	1.16	1.1-1,22	0.009	0.88	0.80	0.97
Sex Ref. Female	n.s.	n.s.	n.s.	n.s.	0.72	0.66-0.78	<0.001

Conclusions

Summary

Despite PWID have the highest HCV prevalence comparing to other HCV key populations, they have been tested in HIV medical facilities less often than others.

What is next?

For HIV/HCV medical providers in Ukraine	For public health reform in Ukraine	For researches and M&E in Ukraine
Scale up HCV testing for HIV patients with the suspected parenteral mode of transmission	Support integrated HCV/HIV services	Track changes in HCV testing approaches for PWID

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