

HCV screening in homosexual communities

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Elimination of Viral Hepatitis in Hungary

Lesson learnt and the way forward

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Hepatitis screening in roma population 2018 (n=101)

Age	
<18 years	37
18-25 years	18
25-30 years	14
30-40 years	34
>40 years	38
	141

screening	positive	%	interpretation
HBsAg/aHBc	2	1,38	Acute or chronic HBV infection
aHBs	78	54,00	HBV vaccinated
Only aHBc	4	3,00	occult hepatitis
aHBs/aHBc	4	3,00	Recovered HBV infection
HAV total	25	17,00	Recovered HAV infection
HCV	22	15,00	HCV infected
HIV	0	0,00	HIV infected
Lues	0	0,00	syphilis

Hepatitis screening among pregnant women VIII district (2018) (n=392)

Age	
<18 years	12
18-25 years	108
25-30 years	127
30-40 years	131
>40 years	14
	392

screening	positive	%	interpretation
HBsAg/aHBc	1	0,25	Acute or chronic HBV infection
aHBs	168	43,00	HBV vaccinated
Only aHBc	13	3,30	occult hepatitis
aHBs/aHBc	9	2,30	Recovered HBV infection
HAV total	105	27,00	Recovered HAV infection
HCV	10	2,60	HCV infected
HIV	3	0,77	HIV infected
Lues	7	1,80	syphilis
	6	1,50	

Drug users on detox (2018)

#	Age	patients	%
1.	>50	3	2,14
2.	45-50	5	3,57
3.	40-45	6	4,28
4.	35-40	16	11,40
5.	30-35	21	15,00
6.	25-30	30	21,42
7.	20-25	48	34,28
8.	18-20	4	2,85
9.	<18	4	2,85
10.	unknown	3	2,14
	Total	140	100

Results (n= 140)

	HIV	HBsAg	HCV
Positive		4	35
Doubtful (haemolytic)	4		
%		2,85	25

One year Prison HCV screening (2018-2019)

Number of prisons	Sample	HCV antibody positive	PCR positive	VL > 500 IU/ml	VL < 500 IU/ml
24	4.011	406	285	233	52
		10,12 %	7,1 %	5,8 %	1,29 %

1 year HIV / HCV screening program

Joint Program of District VIII Drug Conciliation Forum and Positive Life Foundation

(2 times a week)

- HIV and HCV rapid test on fingertip blood
- In the case of positive serology, referral to a hepatologist or HIV outpatient clinic
- Fill in the questionnaire
 - Age
 - Nationality
 - Residence in Hungary
 - Sex
 - Sexual orientation
 - Number of Partners
 - Drug addiction

Results

Participants	320
Men	67 %
Women	33 %
Foreigners living in Hungary	4 %

RESIDENCE

Residence	Participants	%
Country	73	23
Budapest		
I. district	1	
II. district	6	
III. district	4	
IV. district	3	
V. district	9	
VI. district	6	
VII. district	8	
VIII. district	131	41
IX. district	12	
X. district	7	
XI. district	4	
XII. District	2	
XIII. District	18	
XIV. District	10	
XV. District	5	
XVI. District	4	
XVII. District	3	
XVIII. District	1	
XIX. District	6	
XX. District	1	
XXI. district	5	
XXII. district	1	

AGE

Age	%
< 20 years old	3
20-25 years old	13
26-30 years old	18
31-35 years old	14
36-40 years old	14
>40 years old	38

HCV positivity

	Number	Transmission	%
HCV positive	8	IDU	2,5%
	2	MSM	0,6%
HCV/HIV coinfection	1	MSM	0,3 %

Harmful passion

	Yes	No
Smoking	40 %	60%
Alcohol consumption	61 %	39%
Drug use	10 %	90%

Sexual orientation

	%
Hetero	61
Homo	35
Bisexual	4

Number o sexual partners

Partner number- last year	%
0 partner	9
1 partner	43
5 partner	28
10 partner	9
10-50 partner	8
>50 partner	1

Condom use

Condom use	%
Condom use with new partner	76
Never condom use with new partner	24

HCV incidence in the HIV-infected MSM population

Year	HIV infected MSM	HIV/HCV coinfected HCV PCR positive	%
2015	260	20	7,69
2016	158	6	3,79
2017	48	3	6,25
2018	139	7	5,03
2019	245	8	3,26

Needs assessment for HCV screening in MSM population (Positive Life Foundation)

Written information for the Hungarian gay communities through facebook, gay saunas, gay bars, and dating websites (like Gay Romeo)

- availability of free of charge HCV screening (time, location)
- availability and effectiveness of interferon free treatment

Application deadline: end of october

Question: financing