DRID and TDI in Germany

EMCDDA TDI Meeting: Recent trends in treatment demand and treatment provision in Europe

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What data do we have for DRID?

- RKI data
- TDI Data
- Other data from drug services (Frankfurt, Hamburg)

- DRUCK
- ECHO (ongoing)
DRUCK Study (RKI)

- 2,077 PWID (last 12 months), respondent driven sampling
- 8 different cities from 2011 to 2014

Collected information:
- Behavioural data
  - Substances used / i.v. use
  - Therapy experience
  - Sharing of needles
  - Sharing of filters, water containers or spoons
  - Knowledge about risks and safer use
- Seroprevalence of HIV, HBV and HCV
ECHO Study (in process)

- Idea: the close contact during OST would be ideal to treat the high prevalence of HCV in PWID

Collected information
- HCV prevalence and incidence
- Factors influencing beginning of therapy
- Factors influencing changes during therapy

- Goal: 2500 patients receiving OST in 200 different OST services
Annual reports: Robert Koch Institute

- Since 2001, laboratories and doctors must report all data on infectious diseases to the RKI
- HIV, HBV and HCV incidence and prevalence for the whole German population
- Probable route of transmission

<table>
<thead>
<tr>
<th>Probable route of transmission: injecting drug use</th>
<th>All new cases with enough information</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV</td>
<td>2.966 (81% of all cases)</td>
</tr>
<tr>
<td>HBV</td>
<td>129 (7% of all cases)</td>
</tr>
<tr>
<td>HCV</td>
<td>1.170 (24% of all cases)</td>
</tr>
</tbody>
</table>
Annual reports from drug services

Hamburg

Frankfurt

HIV, HBV, HCV testing (yes / no), result
What kind of help is used (OST, low threshold etc.)
Sharing of needles

- Sharing of needles: ever / in the last 30 days
- Prostitution
- Date of test
- Injecting within the consumption rooms
TDI Data

German Core Data Set:
- 837 outpatient facilities
- 206 inpatient facilities
- 17 treatment units in prison
- 35 low threshold agencies

Information: HIV, HBV, HCV tested positive, tested negative or unknown
HCV in outpatient clients with illicit drug use

- Tested, acute: 1.04%
- Tested, chronic: 7.66%
- Tested, negative: 17.21%
- Unknown: 74.09%

?
Better Days
Just Ahead
HIV, HBV and HCV

Tested?

In the last 12 months
- Inactive, antibodies negative
- Inactive, antibodies positive, pcr negative
- Active, pcr positive
- Unknown (result of newly conducted test is not known yet)

More than 12 months ago

Never
- Missing (tested, but client does not wish to provide test result)

Never
Core Data Set 3.0 – New Items in 2017

For PWID:
• Age of first i.v. use
• Time of last i.v. use
  • in the last 30 days / in the last 12 months / before that
• Needle sharing
  • in the last 30 days / in the last 12 months / before that / never

For (former) OST clients:
• Age of first OST
• Wider range of OST substances
New possibilities for DRID and TDI

• Better data for HIV, HBV and HCV: we should be able to interpret the missings and thus the available data

• Connections between DRID status and
  • needle sharing
  • i.v. use (age of first i.v. use, time of last i.v. use)

• Analyses by type of region (cities / rural areas)
  • Comparisons to data from DRUCK and ECHO as well as annual reports
Thank you for your attention!

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