Screening and prevention of viral hepatitis in sex workers

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Medical support for female, male and transgender sexworkers
Sex workers and hepatitis B

- High risk group
- Only preventable Sexually Transmittable Disease through vaccination.
- Very mobile population
- Knowledge of disease is limited
Window prostitution
STREET PROSTITUTION
THAI MASSAGE SALOON
Private houses

Male prostitution
Screening

- Screening of new sex workers
- Bloodsample with Hep B c Ab and Hep B s Ab
- When eligible for vaccination: 0 – 1 – 3 protocol Engerix B
- Hep B c Ab pos and Hep B s Ab neg → determine Hep B s Ag
- When Hep B s Ag neg → give 1 booster - if necessary full vaccination.
Epidemiology of Hepatitis B in sex workers

- From 1 – 3 – 2016 until 31 – 8 – 2017
- Screening of 643 new sex workers
- Eligible for vaccination : 354 ( 55 % )
- Successfully vaccinated in the past : 195 ( 30 % )
- Immune through infection : 74 ( 12 % )
Vaccination of sexworkers

- Vacc not started: 30%
- V1-V2-V3: 17%
- V1-V2: 28%
- V1: 25%
Chronic HBV infection

- HBV carriers: 6
- HB e Ag positive: 1
- Hep B c Ab pos. and Hep B s Ab neg: 13
  - immune after 1 booster: 4
  - full vaccination started: 4

Hepatitis A and C

- Epidemic Hepatitis A in MSM
- 4 cases of Hepatitis C
Thank you for your attention!