

HCV Reinfection Rates After Treatment in People Who Inject Drugs of a Prospective Cohort in Tbilisi, Georgia

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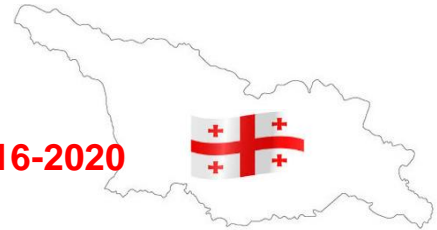


Disclosures

None

Background

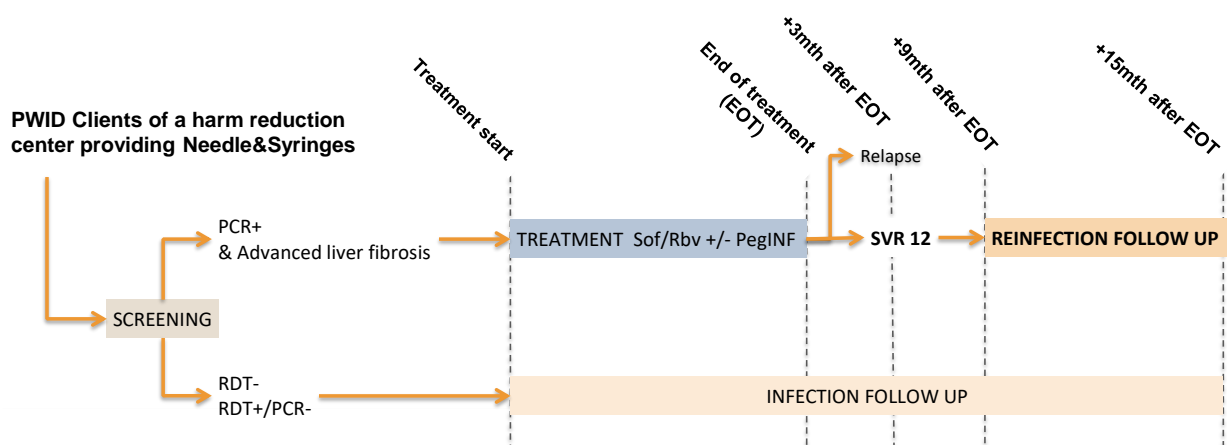
GEORGIA



- ◎ **HCV Long-term Elimination Strategy for 2016-2020**
- ◎ **~ 150 000** adults chronically infected with HCV, including **25%** of people who inject drugs
- ◎ **Estimated number of people who inject drugs - 52 500**

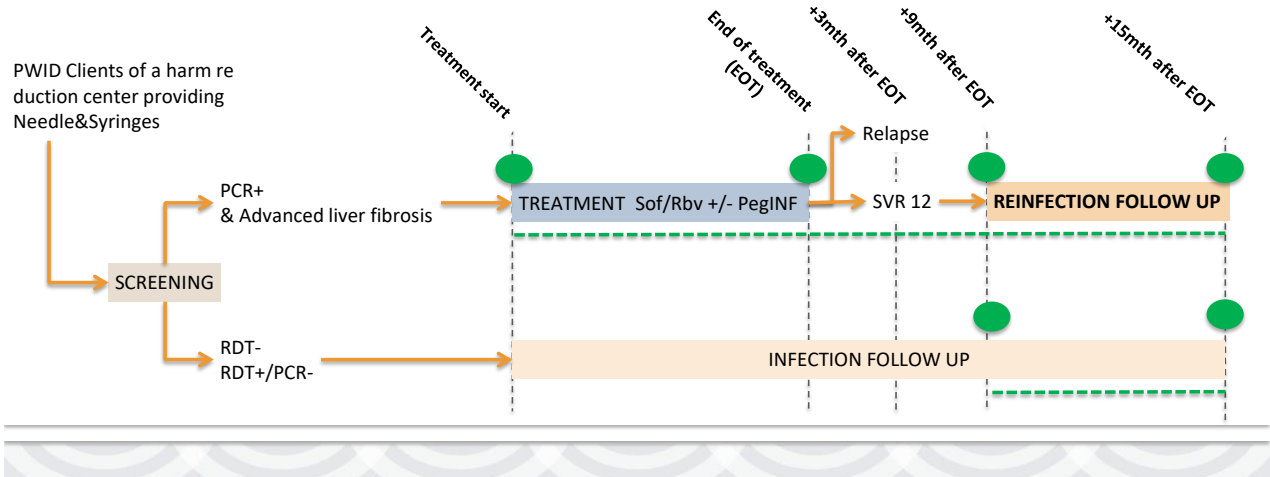
Sources: Population-based seroprevalence survey 2015; Luhmann et al, 2015;
Population Size Estimation of People who Inject Drugs in Georgia 2016

Methods – experimental scheme



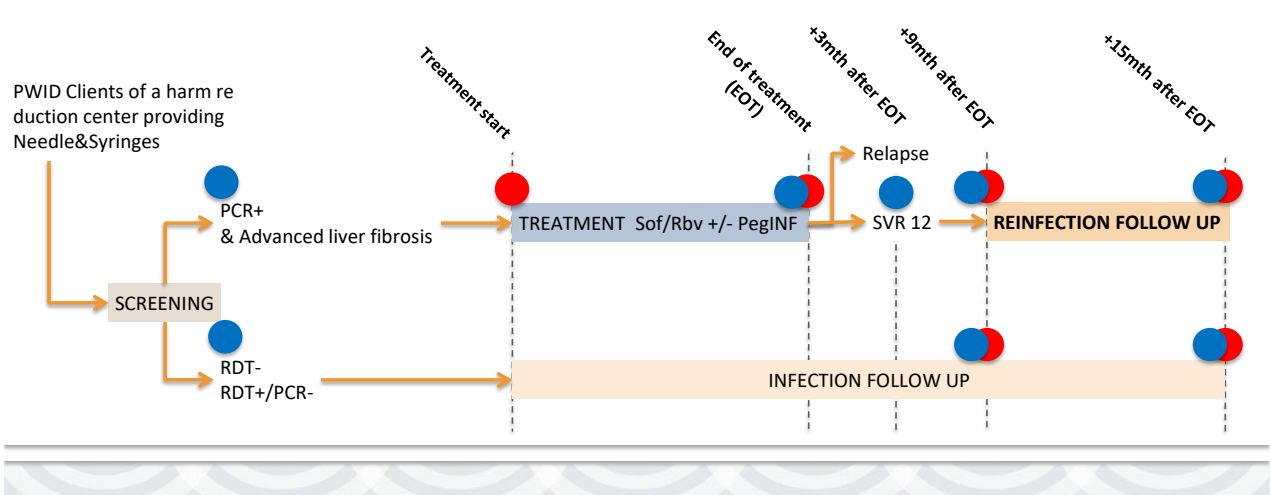
Methods - Intervention

- Counseling session provided by a peer including prevention
- - - On demand peer support

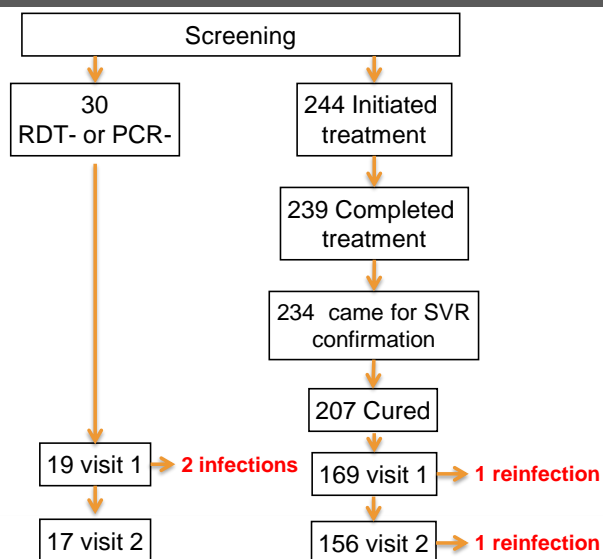


Methods - Data collection

- Behavioral questionnaire
- PCR



Results



	Post-Treatment group	Control group
N	169 R1; 156 R2	19 R1; 17 R2
Age	46.9	47.1
Median Follow-up	12.3	16.7
Reported Injecting Drug Use Last 6 Month	56.8%	36.8%
Events	2	2
Incidence Rate	1.2 per 100PY	8.3 per 100PY
Incidence rate ratio= 0.14, 95%CI=0.01–1.97		

Conclusions

- Low incidence of reinfection was observed in our PWID intervention cohort
- Further analysis is needed to understand how our intervention has influenced the behaviors of risk
- Concerns about reinfection should not be a reason for exclusion PWID from HCV treatment programs

Limitations of the Study:

- Control group too small and not really comparable
- Too few reinfections
 - lack of power to compare the incidence with the control group
 - impossible to study the risk factors

Acknowledgements

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