Hepatitis C reinfection following treatment induced viral clearance among people who have injected drugs

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Figure 1. Schematic diagram of study cohort.

n=570
- Began treatment for their HCV infection in one of four large Health Boards in Scotland
- Commenced therapy between 1st January 2009 and 31st December 2009
- Reported injecting drug use as a risk factor

n=565
- At least one HCV RNA test identified prior to commencing therapy and/or post completion of therapy

n=450
- At least one positive HCV RNA identified prior to commencing therapy
- At least one negative HCV RNA identified within 3-12 months post completion of therapy

n=448
- Alive at start of follow-up
- Study cohort used to estimate the frequency of, and factors associated with HCV RNA testing

n=277
- At least one HCV RNA test identified during follow-up
- Study cohort used to estimate the incidence rate of, and factors associated with Reinfection

- No HCV RNA tests identified (n=5)

- No positive HCV RNA tests identified prior to therapy (n=33)
- No negative HCV RNA tests identified post completion of therapy (n=46)
- Negative HCV RNA tests identified but fall within <3 months or >12 months post completion of therapy (n=36)

- Died prior to the start of follow-up (n=2)

- No HCV RNA tests identified during follow-up (n=171)
Figure 2. Frequency of HCV RNA testing during study follow-up. Total number of PWID in each year of study follow-up is given in brackets (excluding those who died during or prior to that year).