

INTEGRATING VIRAL HEPATITIS AND HARM REDUCTION SERVICES

5th September 2023

**Hepatitis B and C:
Same day test and treat of HCV
Response on rapid-regimen of HBV vaccination**

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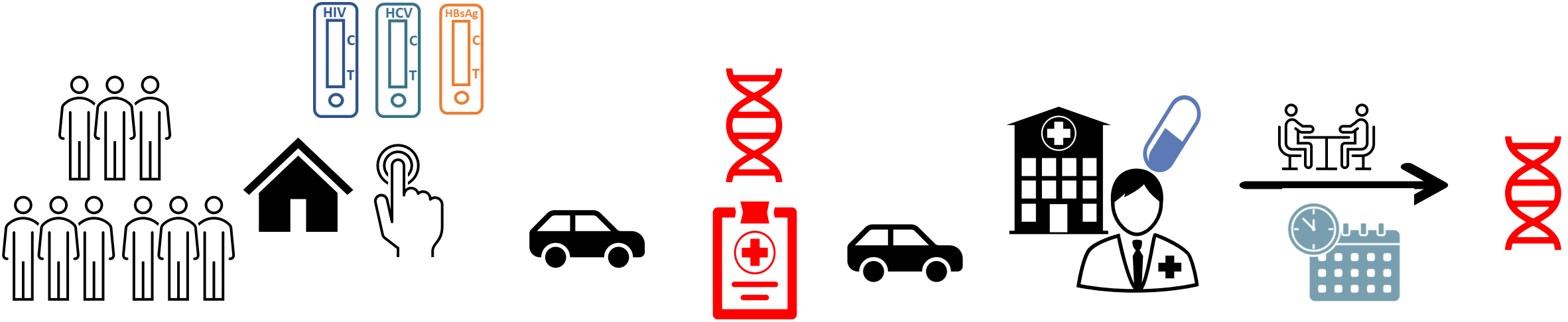


Background

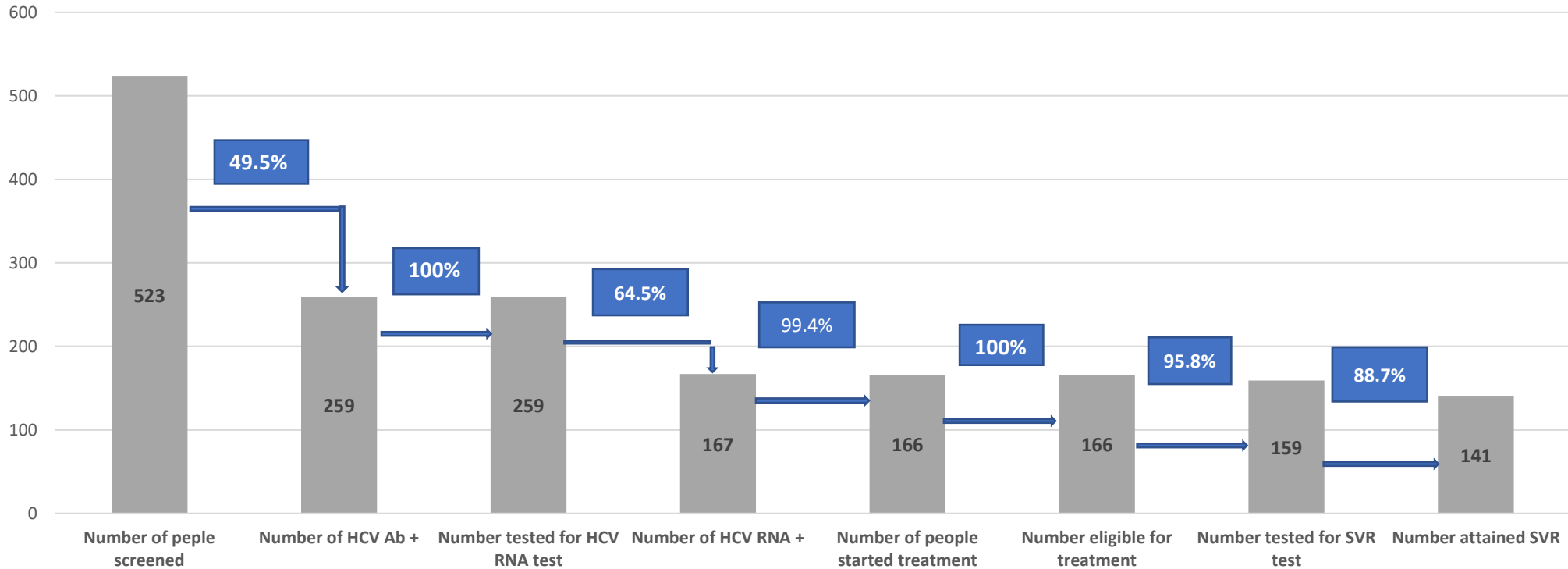
- CoNE is a network of 11 CBOs of people who use drugs in Manipur, India established in 2011
- Since 2014 we initiated mobilizing PLHIV and PUD communities on hepatitis C;
 - Raising awareness on the infection to generate demand to improve diagnosis and treatment
 - Providing free diagnosis and treatment through philanthropic and local support
 - Developing different models of HCV treatment, including for prison inmates
 - Developing policy materials and state specific standard operating procedure on HCV
 - Uninterrupted HCV services during COVID-19 restrictions
 - Advocating for quality HCV services both at state and national level
- Realized that the uptake of testing, diagnosis and treatment within the national program was very limited
 - Thus initiated a replicable model of same day HCV screening, diagnosis and treatment initiative among PWID



Method



HCV Care Cascade (Results)



* 1 participant not initiated on treatment is also living with hepatitis B and will be initiated on treatment as per India's National Viral Hepatitis Control Program guidelines

* 2 expired due to drug overdose

* 5 out of station

* 18 SVR not achieved

Turn Around Time

Time between RDT and treatment initiation	
n	164
median	6 hours 49 min
min - max	4 hours 36 min - 12 hours 18 min
IQR 1 – IOR 3	5 hours 48 min - 8 hours 35 mins

Understand the efficacy of rapid regimen dose (0,7 & 21 days) of HBV vaccination

Genesis of CoNE HBV vaccination initiative among PWID

- WHO recommended rapid regimen schedule of (0, 7 & 21 days) for HBV vaccination among PWID in 2012.
- National program in India do not follow this schedule among the PWID rather they followed (0, 1 & 6 months) schedule.
- Covering the last dose HBV vaccination among PWID at month 6 is quite challenging.
- CoNE independent studies documented 88% PWID susceptible to HBV.
- During a period of October 2017 to July 2022, CoNE vaccinated **677** PWID following rapid regimen schedule of (0, 7 & 21 days) in 2017 among PWID.
- A study to understand the efficacy of rapid regimen schedule has been conducted by CoNE in collaboration with Sanjay Gandhi Post Graduate Institute of Medical Sciences, TreatAsia & Babina Diagnostics.



Intermediate Results:

- **Total no. of PWID in the cohort = 677**
- **100% of people in the cohort compliant on the vaccine schedule**
- **Total no. of blood samples collected for anti-HBs test = 375**
- **Total no. of report received till date = 192**
- **88% of 192 people anti-HBs titre were found to be at the protective level (>10 mIU/mL).**
- **Total no. of people whose anti-HBs titre found less than 10 mIU/mL = 23 (12%)**
 - **Will be provided one booster dose and check the titre level again**