

Mobile Community-based Liver Health Assessment In Underserved Populations: The HepCare Project

Improve identification and treatment of HCV, focusing on community interventions and underserved populations such as the homeless, prisoners, and PWIDs.

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disclosures

- Groundswell – community peer organisation
 - Support from GILEAD



HepCare consortium and work packages

☛ UCD: Dublin (co-ordinators)

☛ SVB: Bucharest

☛ SAS: Sevilla

☛ Bristol University

☛ UCL, London (UK)

☛ HepCheck

- To enhance screening of vulnerable populations

☛ HepFriend

- Peer interventions to increase awareness, testing and linkage to care

☛ HepLink

- Improve linkage primary and secondary care with an integrated model care

☛ HepEd

- To develop multidisciplinary inter-professional education in HCV

☛ HepCost

- Cost effectiveness and modelling analysis of interventions



Find&Treat Service, UCLH NHS Trust



Pan-London

Targets homeless population

>8,000 X-Rays per year

368 different venues / yr



Co-epidemics of HCV and LTBI

- Strong co-linearity between Hep C and TB infection among homeless people
- 17% TB infected
- 64% no immunity to Hep B

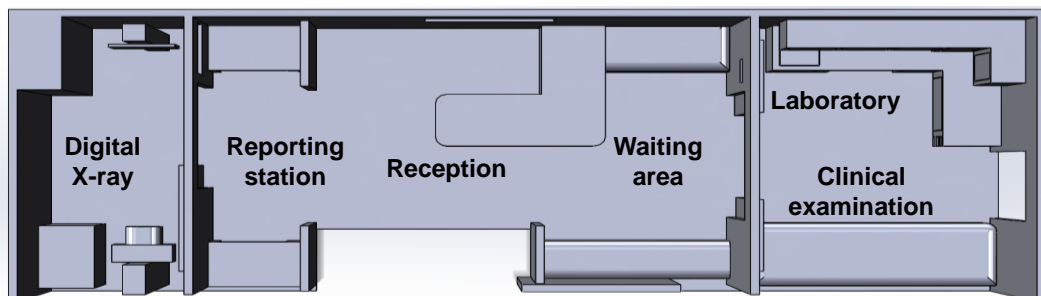
29% HCV+ have LTBI / 26% LTBI have HCV

High prevalence of latent tuberculosis and bloodborne virus infection in a homeless population

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FIND TREAT Integrated One-stop-shop screening



Find&Treat: HCV Screening and outcome data

	n	%
Total screened	461	-
Total HCV Ab in screened population	266	57.7
HCV RNA positive	197	42.7

All get peer supported referral

Approved for treatment	104	52.8
Started treatment	89	85.6
Favourable outcome	76	85.4
Poor outcome	13	14.6



Find&Treat: Fibroscan data (1)

Population Characteristics	n	%
Total screened	295	-
Chronic HCV infection	175	59.3
Gender - male	232	78.6
Homeless	167	56.6
Current injecting drug use	101	34.2
Alcohol use > 50 Units/week	111	37.6
Alcohol use > 100 Units/week	74	25.1



Find&Treat: Fibroscan data (2)

Fibrosis score & Chronic HCV	n	%
F1	89	50.9
F2	31	17.7
F3	17	9.7
F4	38	21.7

Find&Treat: Fibroscan data (3)

Population characteristic	n	Mean (kPa)
no HCV / alcohol	68	5.8
Chronic HCV / no alcohol	101	8.3
High alcohol (>50U) / no HCV	52	8.7
Very high alcohol (>100) / no HCV	47	8.9
Chronic HCV / high alcohol	65	18.5
Chronic HCV / very high alcohol	39	21.6

HepCare: the future

👉 Liver work

- HBV / ALD/ NAFLD

👉 Scale up of the HepCare programme

- More funding
- More sites
- More integration with other diseases / conditions
- Migrant health



Summary

👉 Mobile outreach

- valuable tool in accessing under-served populations
- Multiple interventions

👉 High rates HCV in the homeless population

- Disengaged
- Risk of transmission

👉 Peer support

- High levels of engagement
- Significant barriers to accessing care

👉 High levels fibrosis

- Alcohol
- HCV
- Combination of both



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👉 HepCare team:

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