

An audit of hepatitis C services in prisons

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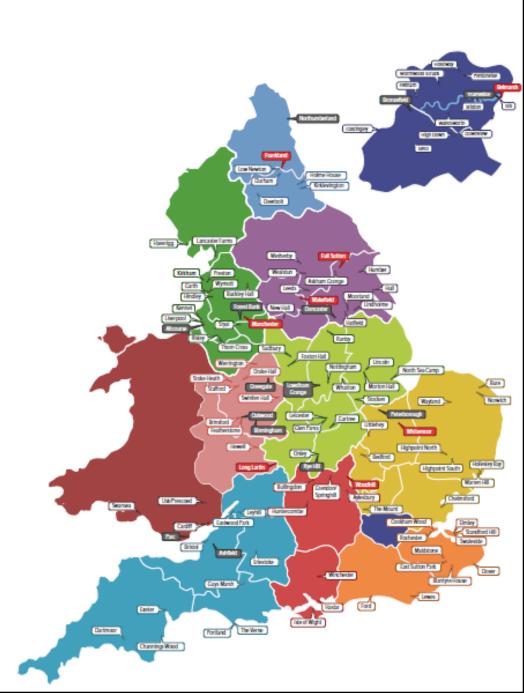
- & Maciej Czachorowski, PhD, Epidemiology Scientist, Health and Justice Team, Public Health England
- & 21 prisons involved in the audit



English and Welsh prison estate

- 84,868 prisoners (81,024 male; 3,844 female)¹
- 120 prisons (including 14 privately run prisons)
- Health care (including drugs and alcohol services) in prisons commissioned by NHS England using different providers

1. Ministry of Justice prison population on 26.2.16



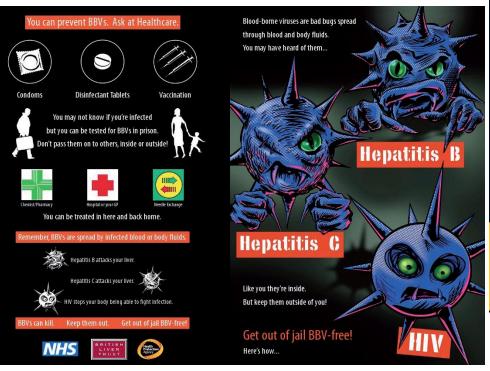


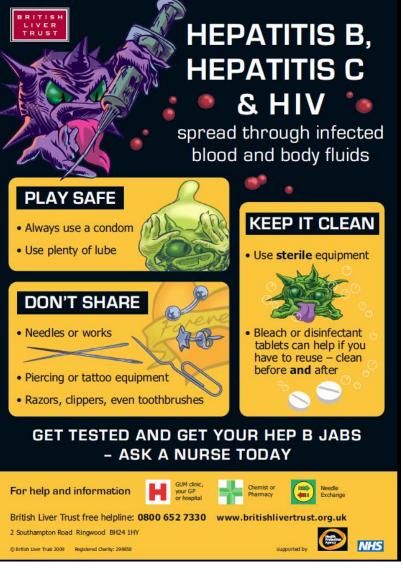
Public Health Hepatitis C services in prison

- In England about half of PWID are HCV positive.1
- 68% of newly sentenced adult prisoners had used an illicit drug in the past year.²
- 40% had injected a drug in the 4 week period prior to custody.²
- Approx 3% of those in the general population in England with chronic HCV infection are treated per year (2006-11). ³
- Prisons were identified as a specific setting in which HCV testing and treatment should be delivered. 4
- Prison Health Performance Quality Indicators now replaced by Health and Justice Indicators of Performance – a tool for commissioners
- Survey of prisons carried out in 2011 revealed great variation across the prison estate in England and Wales in the provision of HCV services.5
- 1. Unlinked Anonymous Monitoring survey of PWID in contact with specialist drug services. www.gov.uk/government/statistics/people-who-inject-drugs-hiv-and-viral- hepatitis-monitoring
- 2. Ministry of Justice, Stewart 2008 3. Harris R J et al, 2014 4. Department of Health, 2002
- 5. Health Protection Agency, 2012 HCV – Hepatitis C Virus PWID – people who inject drugs.



Prison BBV Health Promotion Materials





BBV - Blood Borne Virus

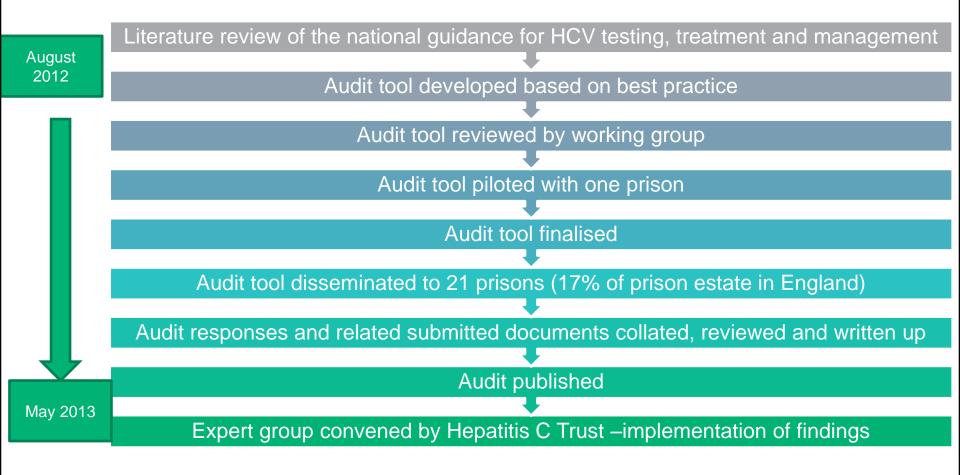


Audit aims

- To compare HCV services in a representative sample of English prisons against national best practice standards.
- Provide objective evidence and intelligence for commissioners and service providers to assist in the development and delivery of high quality HCV services.
- Identify areas of good practice which can then be shared across the prison estate using the information from the audit.

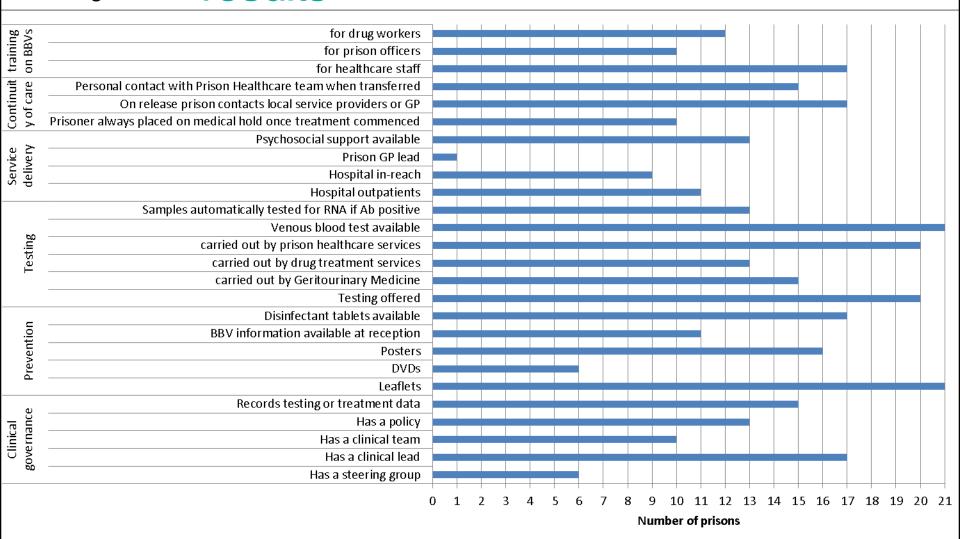


Audit process



Public Health England

Summary of a selection of audit results





Main findings/recommendations

- There should be:
 - A written policy covering the key areas of testing, treatment and care;
 - Testing offered to all prisoners along with other BBV particularly targeting high risk groups;
 - Adequate training in place of healthcare, substance misuse services and prison staff;
 - Adequate psychosocial support;
- Where possible treatment of HCV should be in house and if not practical clear pathways should be in place to access hospital services.
- Improvement in data collection is needed to inform commissioning of services.



Where we are now

- In October 2013 a National Partnership Agreement was finalised between Public Health England (PHE), NHS England and National Offender Management Service (NOMS) which included implementation of opt out testing for BBVs (hepatitis B, hepatitis C and HIV) among consenting adults in prisons in England in a phased process.
- This is also recommended by the Hepatitis C Trust, British Liver Trust and National AIDS
 Trust to improve the rates at which prisoners are tested for BBVs.
- In an opt-out programme, appropriately trained healthcare staff offer all prisoners entering prison the option of BBV blood tests near reception, and at several points thereafter.
- Those patients testing positive for HBV, HCV or HIV should then be able to access care and treatment pathways both within prison and on release.
- At the same time the prisoner will be offered a super-accelerated HBV course of vaccination.
- This opt-out model works in antenatal services in the community where both the offer and uptake of HIV testing has improved using this 'opt-out' method.
- More information on BBV opt out testing in prisons can be found here:
 https://www.gov.uk/government/publications/improving-testing-rates-for-blood-borne-viruses-in-prisons-and-other-secure-settings



BBV Opt-Out Testing in Prisons: Update

- 21 pathfinder prisons implemented the policy by the end of May 2015
- In the pathfinder prisons evaluated (11 prisons):
 - Testing increased in new receptions from 11% to 21% after introducing opt out testing (n=9);
 - The numbers referred for treatment increased from 19 to 31 per month (n=8).
 - This is the early stages of the evaluation more results will follow.
 - Plans to roll BBV opt out testing across the whole prison estate by the end of March 2017.
 - Main challenges: robust referral pathway; ensuring all staff understand their role in the process; relatively low numbers still placed on treatment; continuity of care on release.



References and resources

- Department of Health and National AIDS Trust, Tackling Blood Borne Viruses in Prisons. A framework for best practice in the UK. Updated May 2011
- Department of Health, Hepatitis C Strategy for England, August 2002
 http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/@dh/@en/documents/digitalasset/dh_4059510.pdf
- Harris RJ, Thomas B, Griffiths J, Costella A, Chapman R, M R. Increased uptake and new therapies are needed to advert rising hepatitis C- related end stage liver disease in England: modelling the predicated impact of treatment under different scenarios. Journal of Hepatology. 2014;61(3):530-7.
- Health Protection Agency and Department of Health, National survey of hepatitis C services in prisons in England, July 2012 https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/212817/Hep-C-Prison-Survey.pdf
- Humphreys C, Railton C, O'Moore E, Lombard M, Newton A. An audit of hepatitis C service provision in a representative sample of prisons in England. Journal of Public Health. Vol 37, No1 pp151-156 http://jpubhealth.oxfordjournals.org/content/early/2014/04/02/pubmed.fdu022



References and Resources cont.

- Ministry of Justice, The problems and needs of newly sentenced prisoners: results from a national survey, Stewart, 2008
- Public Health England. Blood Borne Virus Opt-Out testing in Prisons: Preliminary evaluation of Pathfinder Programme. April to September 2012. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/428942/BBV_pathfinder_evaluation_Phase_1_FINAL.PDF
- Public Health England. Improving testing rates for blood borne viruses in prisons and other secure settings: https://www.gov.uk/government/publications/improving-testing-rates-for-blood-borne-viruses-in-prisons-and-other-secure-settings
- Public Health England and Department of Health. An audit of hepatitis C services in a representative sample of English prisons, May 2013
 https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/337401/An_audit_of_hepatitis_C_services_in_a_representative_sample_of_English_prisons_2013.pdf
- Public Health England. Hepatitis C infection in the UK 2015 Report. July 2015.
 https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/448710/NEW_FINA L_HCV_2015_IN_THE_UK_REPORT_28072015_v2.pdf