







Background

- Currently includes data on all HIV positive individuals over 16 yrs old attending 13 UK centres from 1st Jan 1996
 - Brighton and Sussex Bristol Chelsea and Westminster North Middlesex Edinburgh Homerton King's College Leicester
- Middlesborough Mortimer Market Centre **Royal Free** St Bart's/Royal London St Mary's
- Demographics, ARV history, CD4, HIV RNA, AIDS events, mortality, HBV, HCV R







J	37,331	
1BsAg	25,973	69.6%
Anti-HBc	18,482	49.5%
nti-HBs	12,637	33.9%
t least one of the above	27,450	73.5%

Factor	s assoc	ciated v a	vith an HBsAg ro vailable	esult being
		HBsAg:	result available	not available
			25973	11358
Sex	Male	n (%)	20045 (69.4)	7879 (77.2)
Ethnicity	White	n (%)	15348 (59.1)	5590 (49.2)
	Black		7438 (28.6)	3447 (30.4)
	Other		3187 (12.3)	2321 (20.4)
Risk group	Homosex	ual n (%)	14770 (56.9)	3635 (32.0)
	IDU		773 (3.0)	616 (5.4)
	Heterose	xual	7841 (30.2)	3491 (30.7)
	Other		2589 (10.0)	3616 (31.8)
Year of cohort	1996-199	9 n (%)	9323 (35.9)	4743 (41.8)
entry	2000-200	4	8290 (31.9)	2749 (24.2)
	2005-201	.0	8360 (32.2)	3866 (34.0)
Age at entry	Median (IQR)	35 (30, 40)	35 (30, 41)
CD4 at entry	Median (IQR)	340 (173, 515)	300 (129, 490)
VL at entry	Median (IQR)	18300 (1346, 94700)	12899 (606, 83200)





Interpretation of available HBV results

		HBsAg	Anti-HBs	Anti-HBc
Susceptible		_	_	_
Immune	Vaccinated	_	+	-
	Cleared infection	-	+	+
	Unknown	_	+	
Infected		+		
Isolated anti-HBc		_	-	+
Unexposed		-		-

Interpretation of available HBV results

		HBsAg	Anti-HBs	Anti-HBc
Susceptible		-	_	_
Immune	Vaccinated	-	+	-
	Cleared infection	-	+	+
	Unknown	-	+	
Infected		+		
Isolated anti-HBc		-	-	+
Unexposed		-		-











Prevalence o	f HBs/	Ag
Patients with HBsAg result	25,973	
Patients with positive HBsAg result	1,781	
Cumulative prevalence	6.9%	(95% CI: 6.6–7.2)
		(Reflex

Factors associated with positive HBsAg

		Multivariate	
		OR (95% CI)	P-value
Ethnicity	White	1	<0.0001
	Black	2.53 (2.05, 3.12)	
	Other	1.73 (1.39, 2.14)	
Risk group	Homosexual	1	<0.0001
	Heterosexual (f)	0.43 (0.34, 0.55)	
	Heterosexual (m)	0.87 (0.69, 1.09)	
	IDU	1.45 (0.95, 2.20)	
	Other	0.66 (0.51, 0.86)	
Year of cohort	1996-1999	1.74 (1.44, 2.11)	<0.0001
entry	2000-2004	1.29 (1.10, 1.50)	
	2005-2010	1	
Age at entry	Per 10 years older	1.01 (0.93, 1.09)	0.88
CD4 at entry	Per 50 cells higher	0.94 (0.93, 0.96)	<0.0001
VL at entry	Per 1 log higher	0.93 (0.88, 0.98)	0.01

Follow-up of HBsAg-positive patients

Ν	1,781	
Chronic HBV	836	46.9%
Acute HBV	187	10.5%
Unclassifiable	758	42.6%







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UK CHIC Co-infection Subgroup: Loveleen Bansi, Sanjay Bhagani, Andrew Burroughs, David Chadwick, Emma Devitt, David Dunn, Martin Fisher, Richard Gilson, Janice Main, Mark Nelson, Deenan Pillay, Alison Rodger, Caroline Sabin and Chris Taylor

UK CHIC Steering Committee: Jonathan Ainsworth, Jane Anderson, Abdel Babiker, Loveleen Bansi, David Chadwick, Valerie Delpech, David Dunn, Martin Fisher, Brian Gazzard, Richard Gilson, Mark Gompels, Teresa Hill, Margaret Johnson, Clifford Leen, Mark Nelson, Chloe Orkin, Adrian Palfreeman, Andrew Phillips, Deenan Pillay, Frank Post, Caroline Sabin (PI), Memory Sachikonye, Achim Schwenk, John Walsh.

Central Co-ordination: Loveleen Bansi, Teresa Hill, Andrew Phillips, Caroline Sabin (UCL Medical School); David Dunn, Adam Glabay (Medical Research Council Clinical Trials Unit [MRC CTU])

Participating Sites:

Research Department of Infection and Population Health, UCL Medical School: C Sabin, T Hill, L Bansi, A Phillips, S Huntington Medical Research Council Clinical Trials Unit (MRC CTU): A Babiker, D Dunn, A Glabay, K Porter Brighton and Sussex University Hospitals NHS Trust : M Fisher, N Perry, S Tilbury, D Churchill Chelsea and Westminster NHS Trust: B Gazzard, M Nelson, M Waxman, D Asboe, S Mandalia Kings College London School of Medicine, GKT Hospitals: F Post, H Korat, C Taylor, Z Gleisner, F Ibrahim, L Campbell Mortimer Market Centre, UCL Medical School: R Gilson, N Brima, I Williams Royal Free NHS Trust/UCL Medical School: R Gilson, N Youle, F Lampe, C Smith, H Grabowska, C Chaloner, D Puradiredja Imperial College Healthcare NHS Trust: J Walsh, J Weber, F Ramzan, N Mackie, A Winston Barts and the London NHS Trust: C Orkin, N Garrett, J Lynch, J Hand, C de Souza Homerton University Hospital NHS Trust: A Schwenk, J Ainsworth, C Wood, S Miller Health Protection Agency Centre for Infections: V Delpech North Bristol NHS Trust: N Gompels, S Allan University of Leicester NHS Trust: A Palfreeman, A Moore South Tees Hospital NHS Trust: C Dadwick, K Wakeman Funding: UK CHIC is funded by the UK Medical Research Council

