

Table S1: Baseline Characteristics for individuals with nadir and nadir confirmed CD4 measured within 1 year and 6 months of seroconversion in the pre cART era using the CASCADE dataset

	Excluded individuals seroconverting in the pre cART era	Nadir CD4 within 6 months of SC	Nadir confirmed CD4 within 6 months of SC	Nadir confirmed CD4 within 1 year of SC
N	6084	2825	894	2641
Time from SC to nadir CD4 Median (IQR), months	-	3.7 (2.3, 4.9)	3.1 (1.6, 4.5)	6.3 (3.7, 9.0)
Time from SC to first CD4 Median (IQR) months	-	4.5 (1.8, 4.5)	1.8 (0.8, 3.0)	3.8 (2.0, 5.8)
Number of CD4 counts Median (IQR)	-	1 (1, 2)	2 (2, 4)	2 (2, 4)
Risk Category				
MSM	2612 (43%)	1516 (54%)	578 (65%)	1575 (60%)
MSW	1246 (20%)	588 (21%)	169 (19%)	534 (20%)
IDU	1741 (29%)	599 (21%)	119 (13%)	436 (17%)
Other/unknown	488 (8%)	122 (4%)	28 (3%)	96 (4%)
Sex				
Males	4638 (76%)	2206 (78%)	740 (83%)	2118 (80%)
Females	1446 (23%)	619 (22%)	154 (17%)	523 (20%)
SC year Median (IQR), years	1991 (1988, 1994)	1992 (1989, 1994)	1993 (1989, 1995)	1992 (1989, 1994)
SC Age Median (IQR), years	28 (24, 33)	29 (25, 35)	30 (25, 37)	30 (25, 36)
<20 N (%)	454 (7%)	133 (5%)	34 (4%)	105 (4%)
≥20-30 N (%)	3377 (56%)	1408 (50%)	392 (44%)	1269 (48%)
≥30-40 N (%)	1613 (27%)	861 (30%)	305 (34%)	848 (32%)
≥40 N (%)	640 (11%)	423 (15%)	163 (18%)	419 (16%)

Abbreviations: SC – seroconversion, IQR – interquartile range; MSM – sex between men; MSW – heterosexual contact; IDU – injection drug users

Table S2: Minimum and minimum confirmed CD4 percentiles within 6 months and 1 year of seroconversion in the pre cART era using the CASCADE dataset

	Minimum CD4 within 6 months of SC	Minimum confirmed CD4 within 6 months of SC	Minimum confirmed CD4 within 1 year of SC
N	2825	894	2641
1%	55	55	40
5%	192	200	189
10%	267	270	265
25%	393	400	400
50%	559	576	561
75%	760	778	760
90%	1000	991	995
100%	2562	2611	2562

Abbreviations : SC – seroconversion; MSM – sex between men; MSW – heterosexual contact; IDU – injection drug users.