















SSAT ST STEPHEN'S AIDS TRUST	Results (1)		
386 (1	8%) developed renal impairment	during study	
	Baseline demographics	Overall cohort n= 2115	
	Gender: n (%) Male Female	1842 (87%) 273 (13%)	
	Ethnicity Caucasian Black African Other	1520 (72%) 259 (12%) 313 (15%)	
	Unknown Age (yrs) : mean (SD)	23 (1%) 43 (9.5)	
	Median baseline CD4 (cells/mm ³) % with undetectable VL at baseline (<50copies/ml)	383 60	
		Chelsea and Westminster	Hospital Miss

Results (2) univariate analysis					
nificant associations with eGFR<60 ml/min per 1.73m ²					
	Ha	azard Ratio (95% CI)	P value		
Gender					
F	1.5	(1.16-1.96)	0.002		
М	1				
Baseline age (yrs)					
<35	1				
36-43	1.3	(0.92-1.82)	<0.001		
43-48	2	(1.5-2.82)			
>48	2.8	(2.03-3.73)			
Baseline eGFR					
<69	12.8	(8.5-19.2)	<0.001		
69-78	2.4	(1.6-3.8)			
79-84	1.4	(0.8-2.3)			
>84	1				
		(Chelsea and Westminste		

Significant associat	ions with	n eGFR<60 ml/m	in per 1.73m
	Hazard Ratio (95% CI)		P value
Hep S Ag +ve status	1.21	(0.59-1.63)	<0.001
Previous IND exposure	2.03	(1.58-2.62)	<0.001
Previous TFV exposure	1.68	(1.38-2.05)	<0.001
Tot duration TFV exposure	1.09	(1.06-1.12)	<0.001
ATZ/r exposure	1.27	(1.02-1.58)	<0.036
DRV/r exposure	1.53	(1.22-1.92)	<0.001
LPV/r exposure	1.71	(1.38-2.24)	<0.001
EFV exposure	0.6	(0.47-0.73)	<0.001

Traditional risk factor	EFV group n=50	Pl group n=110	P value
Diabetes n (%)	10 (20)	14 (12.8)	0.34
Hypertension n (%)	16 (32)	22 (20)	0.15
Renal stones n (%)	0 (0)	7 (6.4)	0.16
Cardiovascular disease n (%)	2 (4)	11 (10)	0.33
Peripheral vascular disease n (%)	3 (6)	6 (5.5)	0.82
Nephrotoxic drugs n (%)	22 (44)	45 (40.9)	0.84
Chemotherapy n(%)	1 (2)	14 (12.7)	0.06
Sepsis n (%)	0 (0)	6 (5.45)	0.22

LPV/r 1.69 (1.1-2.6) 0.017	
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ATZ/r 1.52 (1.14-2.03) 0.004)4
DRV/r 1.31 (0.94-1.81) 0.108)8
EFV 1	









