

## Oral dosage recommendations for antiretroviral drugs in hemodialysis:

	Normal dosage	Hemodialysis dosage <sup>1</sup>
<b>Nucleoside reverse transcriptase inhibitors</b>		
zidovudine	200mg q8h	100mg q8h
didanosine		
BW ≥ 60kg	400mg q24h	125mg q24h
BW <60kg	250mg q24h	75mg q24h <sup>2</sup>
zalcitabine	0.75mg q8h	0.75mg q24h
stavudine		
BW ≥ 60kg	40mg q12 h	20mg q24h
BW <60kg	30mg q12 h	15mg q24h
lamivudine	150 mg q12h	150mg x 1 then 25-50mg q24h
abacavir	300mg q12h	Normal dosage
tenofovir	300mg q24h	300mg every 7 days (if HD three times/week) <sup>3</sup>
emtricitibine	200mg q24h	200mg q96h
<b>Non-nucleoside reverse transcriptase inhibitors</b>		
nevirapine	200mg q12h <sup>4</sup>	Normal dosage
delavirdine	400 mg q 8 h	No data available
efavirenz	600mg q 24 h	Normal dosage
<b>Protease Inhibitors</b>		
saquinavir	1200mg q8h	Normal dosage
ritonavir	600mg q12h	Normal dosage
lopinavir/ritonavir	400/100mg Q12h	Normal dosage
indinavir	800mg q8h	Normal dosage
nelfinavir	1250mg q12h	Normal dosage
fosamprenavir	1400mg q12h	Normal dosage
atazanavir	400mg q24h	Normal dosage
tipranavir	500mg Q12h	Normal Dosage

<sup>1</sup>drug should be administered after the hemodialysis session

<sup>2</sup> enteric coated tablet not recommended for <60kg; CrCl<10mls/min. Use ¼ of total daily dose for HD. 75mg if tablets, 100mg if buffered powder.

<sup>3</sup>Every seven days or after 12 hours of HD

<sup>4</sup>200mg q24h during first 14 days.

References:

1. [An appraisal of antiretroviral drugs in hemodialysis. Kidney International, Vol. 60, 2001, pp. 821-830.](#)