

# APPENDIX D

## HIV PEP COST ESTIMATE: UNIVERSAL OFFERING

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A Prospective Cohort Study of HIV-1 Post-Exposure Prophylaxis  
in Ontario Sexual Assault Victims/Survivors

### **HIV PEP Study**

Final Report December 20, 2005

## HIV PEP Cost Estimate: UNIVERSAL OFFERING

	Actual # Clients & Rates from HIV PEP Study		Projected # Clients & Cost of HIV PEP <i>per annum</i>	
	# Clients	Rates	Projected # Clients	Projected Cost **
<b>Total Clients</b>	1,103		2,000 *	
<b>Accept 5-day Starter kit</b>	347	31.5% (347/1,103)	630 (2,000 x 31.5%)	\$124,677
<b>Continued to Day 2-4</b>	267	76.9% (267/347)	484 (630 x 76.9%)	\$191,567
<b>Continued to Week 2</b>	165	47.6% (165/347)	300 (630 x 47.6%)	\$83,118
<b>Continued to Week 3</b>	137	39.5% (137/347)	249 (630 x 39.5%)	\$59,133
<b>TOTAL Cost <i>per annum</i></b>				<b>\$458,495</b>

\* Estimate based on average number of sexual assault victim/survivors seen at Ontario SATCs per year

\*\* The average cost per (60) tablet bottle of Combivir and per (180) capsule bottle of Kaletra is: Combivir \$570; Kaletra \$617.31. The per-day cost of HIV PEP medications is: [ $\$570/30\text{days}$ ] + [ $\$617.31/30\text{days}$ ] =  $\$19.00 + \$20.58 = \$39.58$  (per day). Therefore, the cost of each kit is as follows:

Initial Visit	5-day kit =	\$197.90
Day 2-4 Visit	10-day kit =	\$395.80
Week 2 Visit	7-day kit =	\$277.06
Week 3 Visit	6-day kit =	\$237.48