

Table 5 : Pharmacokinetic Parameters of the Phosphodiesterase Type 5 Inhibitors

<b>Pharmacokinetic Parameters of the Phosphodiesterase Type 5 Inhibitors</b>			
<b>Parameter</b>	<b>Sildenafil (single 100 mg dose)</b>	<b>Vardenafil (single 20 mg dose)</b>	<b>Tadalafil (single 20 mg dose)</b>
Bioavailability (%)	41	15	Undetermined
Maximum plasma concentration ( $C_{max}$ ) (ng/ml)	560	17	378
Change in $C_{max}$ with food	29% decrease	20% decrease	No change
Time to maximum concentration ( $T_{max}$ ) (h)	0.83	1.0	2.0
Volume of distribution (L)	105	208	63
Protein binding (percentage bound)	96	95	94
Half-life (h)	3.7	3.3–3.9	17.5
Percentage excreted in faeces/urine	80/13	92/5	61/36