

Table 5 : Pharmacokinetic Parameters of the Phosphodiesterase Type 5 Inhibitors

Pharmacokinetic Parameters of the Phosphodiesterase Type 5 Inhibitors			
Parameter	Sildenafil (single 100 mg dose)	Vardenafil (single 20 mg dose)	Tadalafil (single 20 mg dose)
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