

The half-life of Prednisone

This subject comes up so often that we decided to create a document about it. This is our understanding, based on this source: <https://drugs-forum.com/forum/showwiki.php?title=Half-life>

T half life	amount of drug	Pred 18-36 hour half-life
0	100%	0
1	50%	18-36
2	25%	36-72
3	12.50%	54-108
4	6.25%	72-144
5	3.13%	90-180
Roughly how long it takes to eliminate Pred from the system		3.75-7.5 days
Source: https://drugs-forum.com/forum/showwiki.php?title=Half-life		

Please review with your veterinarian for his or her interpretation.

The source notes the following:

“Important things to know about the half-life model

There are several important points to me made here. Firstly, this is a mathematical model, and pharmacological [elimination kinetics](#) do not necessarily follow it exactly, although for a large range of substances at a large range of doses it is a good approximation...

Secondly, half-lives can vary wildly between different people. This is especially true, for instance, if an enzyme is involved in metabolism, and the quantity of enzyme present in individuals varies according to genetics...”