

Compudose™ 400, 200 and 100 vs combination implants

There are three major differences between Compudose 400, 200 and 100 and combination implants containing trenbolone acetate (e.g. Compudose-G and Revalor[®] 400).

1. Different payout periods

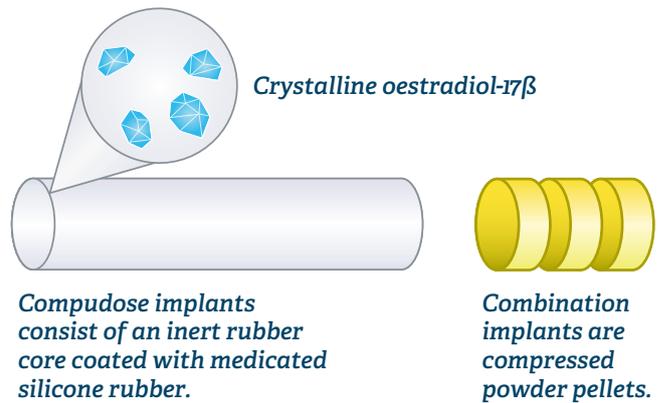
All implants deliver a level of hormone above a threshold to promote growth for a particular payout period. Once the payout period ceases, the available hormone drops below the threshold and growth promotion stops. **Compudose 400 is the only implant that has a payout period of 400 days.**

This means Compudose 400 maximises growth rates year-round. By comparison, combination implants, such as Compudose-G, Revalor 400 and Revalor Flex, are short-acting implants that have a payout period of up to 120 days.¹

2. Different formulations

Compudose 400 is a medicated silicone rubber implant that slowly releases the active ingredient into the bloodstream over 400 days. The durable core aids in reducing crushing or breaking during implantation, ensuring consistent pay out and long-term performance. Combination implants, such as Compudose-G, Revalor 400 and Revalor Flex, consist of compressed pellets that use a cholesterol carrier and are quickly absorbed into the bloodstream after implantation.

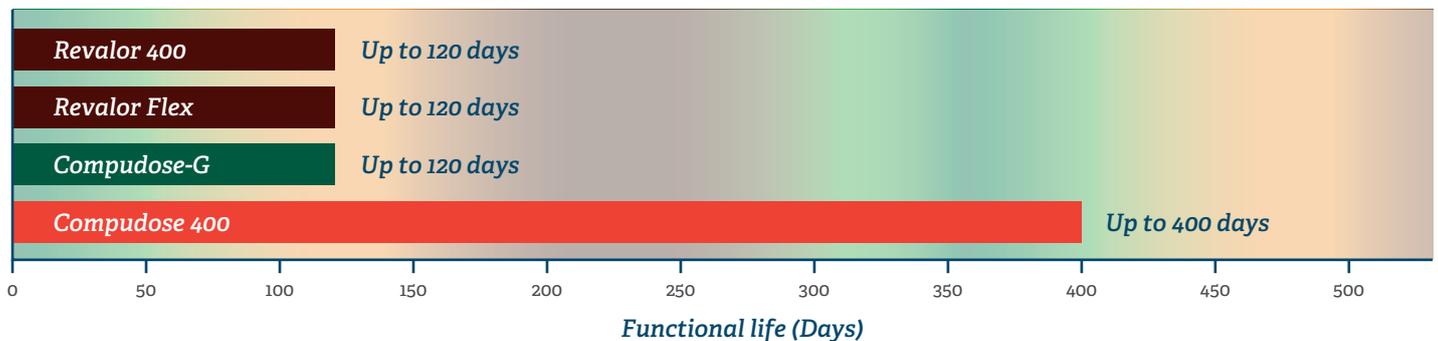
Figure 1. Formulation of Compudose and combination implants



3. Different re-implant intervals

Compudose 400 is the only implant that has a minimum re-implanting interval of 400 days.² Likewise, the registered labels of Compudose 200 and 100 specify minimum re-implanting intervals of 200 and 100 days, respectively.² By comparison, Compudose-G and all Revalor formulations have a minimum re-implanting interval of 70 days.²

Figure 2: Functional life of different implant formulations.¹



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Comparing various Revalor formulations

Revalor 400 is marketed as a long-acting implant even though it has a minimum reimplanting interval of 70 days and an active payout period of 90 to 100 days. Its registered label states:

“Improved weight gain can be expected 90-100 days post implantation in good quality healthy stock on good nutrition. The increased growth in this period should be maintained when measured at 400 days. Repeat implantation can be carried out during the growing and finishing phase, however, repeat implantation must not be carried out sooner than 70 days.”²

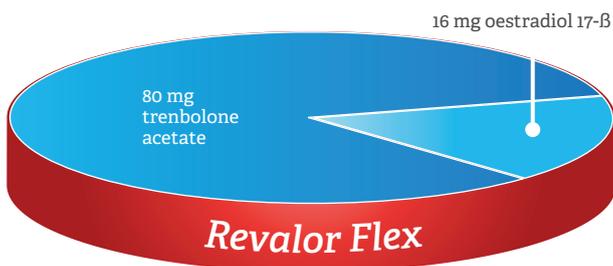
In fact, all Revalor formulations have a minimum reimplanting interval of 70 days even though they have increasingly higher concentrations of the same active ingredients:

- Revalor 400 and Compudose-G have the same concentration of the same active ingredients. Both have a minimum re-implant interval of 70 days.²
- The concentration of the active ingredients in Revalor Flex is 33 per cent higher than the concentration of active ingredients in Revalor 400 yet both have a minimum re-implant interval of 70 days.²

Figure 3. Concentration of active ingredients and minimum implant interval of Revalor 400 and Revalor Flex



Minimum re-implant interval 70 days²



33 per cent higher concentration yet same re-implant interval of 70 days²

Figure 4. Number of pellets in Revalor 400 and Revalor Flex



Revalor 400



Revalor Flex

For full product details, contact
Elanco Customer Service on 1800 226 324
8:30 am–5:30 pm EST Monday to Friday.