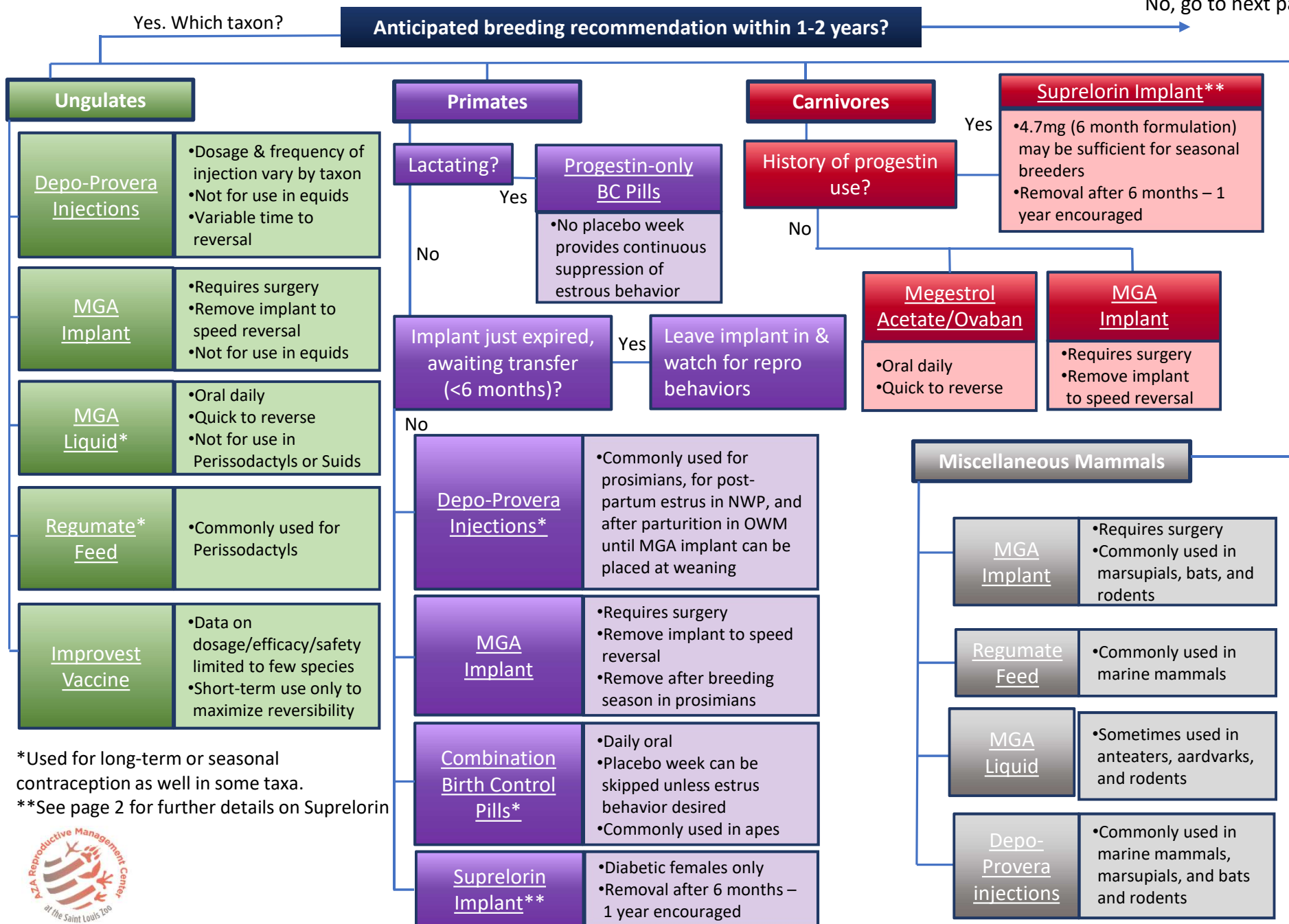


Contraception decision tree for female mammals: Ctrl+Click on product for product details

No, go to next page





Anticipated breeding recommendation within 1-2 years?

No

MGA Implant

- Requires surgery
- Minimum duration of efficacy is 2 years; implants may last longer if not removed
- Remove to speed reversal
- Not for use in equids or for long-term use in carnivores or callimico

PZP (Porcine zona pellucida) Vaccine

- Injectable; boosters required
- Reversibility not guaranteed and decreases with repeated use
- Variable effect on behavior
- Commonly used in bears and ungulates but not effective in suids
- Not effective in canids & felids

Suprelorin Implant

- Large bore needle insertion device
- Effects similar to spaying
- Separation of sexes or prevention of stimulation phase with alternative contraception (e.g. Ovaban) necessary
- Variable and/or lengthy reversal times
- Remove to speed reversal
- Commonly used in carnivores.
- Not for use in perissodactyls

Improvast Vaccine

- Injectable; boosters every 3 months
- Expected effects like spaying
- Reversibility unknown
- Check with Zoetis to see if it is available for use in other species
- Commonly used in ungulates, but limited data for some ungulate taxa.

MGA Liquid, Regumate, Depo-Provera & Combination Birth Control Pills

- See details from previous page

This guide is meant to give you an idea of the most commonly used contraceptive options available and start discussion about which approaches might be desirable in your scenario. **This guide is NOT meant to substitute for consultation with the RMC and your veterinarian.** All approaches here are generally considered effective at preventing reproduction. As with all treatments, individual responses may vary but this chart outlines options that are recommended for various taxa in a majority of cases. The timeline from treatment to return of fertility varies across contraceptive options, species, and individuals. The RMC strongly recommends removal of contraceptive implants (i.e. Suprelorin or MGA) after use whenever possible to quicken the return to fertility. **Some approaches are not recommended for certain taxa and not recommended during pregnancy. This guide applies to mammals only.** Full details are available at or contact us at

Though it is not listed here, separation of the sexes is an option for consideration. However, any reproductive management technique that allows a female to continually experience reproductive cycles without producing offspring could contribute to fertility challenges later, particularly in mammals. Separation of the sexes, placing females with castrated or vasectomized males, and treating females with PZP exposes them to continual waves of ovarian activity and thus poses some risk to future fertility. All of these options except PZP will alter aspects of courtship and/or reproductive behavior. Some products will also eliminate secondary sexual characteristics in some species.

Permanent contraception (e.g. tubal ligation, ovariectomy, [vasectomy & castration in males]) is also a possibility. However, in some taxa (e.g. male cervids) there may be complications that could result from loss of circulating reproductive hormones. Before sterilizing any animal in an SSP-managed population, contact the SSP coordinator first.