Trilostane Treatment for Canine Pituitary-Dependent Hyperadrenocorticism

**Trilostane**
- 2 mg/kg Q 24 H  OR  • 1 mg/kg Q 12 H

- Decreased appetite, vomiting, diarrhea, listlessness or water intake < 60 mL/kg Q 24 H
  OR
- After 10–14 days of treatment

- Run ACTH stim test beginning 4–6 H after trilostane administration
- Check with your reference laboratory for "ideal range"; it is approximately 30–150 nmol/L or 1–5 mcg/dL pre- and post-ACTH stim testing

**Response below ideal**
- Discontinue for 2–3 days
- Restart medication at 25% lower dose
- Recheck ACTH stim test in 7 days
  OR
- Recheck ACTH stim test in 3 days
- Restart medication at 25% lower dose when cortisol level is ideal or higher

**Response ideal**
- Clinical signs controlled
- Continue therapy
- Recheck ACTH stim test at 30 days and, if doing well, at 90 days; then every 90–120 days, if signs recur, or if signs of cortisol insufficiency are present

**Response above ideal**
- Clinical signs present
- On day 30 or beyond? If giving Q 24 H, then halve the dose and give Q 12 H
- Recheck ACTH stim test after 10 days

- If on recheck ACTH stim test at day 10–14, cortisol concentrations are lower or clinical signs improved, then maintain dose and recheck ACTH stim test again at day 30

- If recheck ACTH stim test results still above ideal after > 30 days on therapy or at day 10–14 no improvement was noted, increase dose 25%; recheck ACTH stim test in 7 days

ACTH = adrenocorticotropic hormone, stim = stimulation

This algorithm can be downloaded from cliniciansbrief.com and printed for use in your clinic.