

### Clinical History Checklist for Carnivore Infertility

1. What is the normal age of puberty for this species?
2. What is the age of senescence in this species?
3. What conspecifics are housed with the individual?
  - a. Where is this individual in the group's hierarchy?
  - b. What is the past social history?
4. Have new individuals been introduced recently?
5. What is the quarantine protocol for new animals?
  - a. Did this animal come from another country (or a non-AZA facility)?
  - b. Infectious disease screening (e.g., *Brucella canis*)
6. Describe the vaccination and deworming history
7. What is the general health of the individual?
  - a. Weight?
  - b. Body condition score
8. What are the results of past reproductive examinations?
9. What is the reproductive history of the individual?
  - a. Is this a seasonal animal?
  - b. Dates of onset of proestral signs (e.g., bleeding)
  - c. Dates of onset of receptivity
  - d. What are the results of hormone monitoring?
    - i. Do we know the normal cycle for this species?
  - e. Ovulation dates
  - f. What type of mate access?
  - g. Breeding dates
    - i. Describe each event
    - ii. Past history of aggression against potential mates
  - h. Types of breeding (natural v. artificial)
  - i. Dates of first refusal of mating
  - j. Length of interestrus interval
    - i. What is normal for this species?
  - k. Pregnancy diagnosis history (dates and methods)
    - i. Have methods been established?
  - l. Abortion history
    - i. necropsy data
  - m. Previous parturition history
    - i. method of monitoring parturition
    - ii. dystocia
    - iii. litter size
    - iv. stillbirths
    - v. stunted puppies
    - vi. neonatal deaths
    - vii. infanticide
    - viii. necropsy data from neonatal death/placentas
  - n. Describe history of maternal care
  - o. Lactational history
  - p. Reproductive disease history
  - q. False pregnancies
  - r. Hormone treatments
  - s. Contraceptive treatments
  - t. Data on fertility of male