Table 4: Behavioral and physiological reversal data in female tigers with a history of deslorelin acetate (DA) contraception use. Tiger species: A: Amur, S: Sumatran, G: Generic. Signs observed: Be: behavior, Br: breeding, E: estrus, M: male interest, H: Hormonal cycling. Dose refers to DA (Suprelorin®) implants: 4.7 or 9.4 x number of implants, expiration dates are 180 days after implantation of 4.7 mg DA and 360 days for 9.4 mg DA. Implant removed: Y: yes, N: no, U: unknown. Supplement/Separation: Y: yes, N: no, Sep: separation, Sup: supplement, U: unknown, MA: megestrol acetate. Implant removed: Y: yes, N: no, U: unknown. Contraceptive history: M: MGA, D: Deslorelin, RU: removal of implant unknown (includes dates if known), N: none, DU: dose unknown, NR: not removed, D+MA: deslorelin with megestrol acetate supplement prior. Conception: Y: yes, N: no. Information pertaining to conception is in Table 3.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Months until behavioral reversal** | **Tiger**  **species** | **Date of birth** | **Previous offspring** | **Contraceptive history** | **Start date** | **Dose** | **Supplement/**   **Separation** | **Implant removed** | **Sign** | **Conception** |
| *0-6* | A | Aug-92 | Jan-00 | M Mar-95, RU | 07-Jan-07 | 4.7x4 | N | U | Be, E, M | N |
|  | G | Oct-04 | N | D: Apr-06 (4.7x3), Nov-06 (4.7x4), RU | 12-Apr-06 | 4.7x3 | Sep | Y 12 Oct-06) | Be, E | N |
|  | G | Jun-03 | N | D Apr-06 [4.7x2], Nov-06 [4.7x4], RU | 11-Apr-06 | 4.7x3 | Sep | N | Be, E | N |
| *7-12* | S | May-01 | N | N | 20-Oct-05 | 4.7x2 | N | U | E | N |
|  | A | Mar-09 | N | N | 16-Mar-16 |  | N |  | Be, Br | N |
|  | S | Apr-98 | Jun-06 | M Nov-04, RU | 25-Jun-10 | 4.7x3 | Sep | Y (12-Aug-10) | E | N |
|  | S | Apr-98 | Jun-06 | M Nov-04, RU; D Oct-07 [4.7x1, 9.4x1], RU | 19-Apr-14 | 9.4x2 | N | N | Be | N |
|  | S | Mar-99 | Mar-05 | N | 12-Jan-09 | 9.4x3 | N | U | Be, M | Y |
| *13-18* | A | May-01 | N | N | 19-Nov-05 | 4.7x2 | N | U | E, Br | N |
|  | S | Jun-93 | N | N | 02-Jan-08 | 9.4x3 | N | U | Be, Br | N |
| *19-24* | A | Oct-03 | N | N | 24-Feb-16 | 9.4x2 | Sup, U | Y (22-Feb-18) | Be, E | Y |
| *25-30* | S | Aug-92 | Jan-00 | N | 22-Jun-05 | 4.7x1 | N | U | E | N |
|  | S | Apr-99 | Oct-03 | N | 28-Jun-05 | 4.7x1 | Sup (MA) | U | E | N |
|  | A | Jul-97 | Aug-99 | N | 01-Dec-09 | 9.4x1 | Sep | U | Be, E, Br | N |
|  | A | Jul-97 | Mar-03 | D Jul-04 [DU], NR | 28-Jan-08 | 9.4x1 | U | U | H, E | Y |
|  | S | Dec-06 | N | D Mar-11 [9.4x3], NR | 24-Oct-07 | 4.7x1; 9.4x1 | N | Y (25-Jun-10) | Be, E, Br | Y |
|  | S | Dec-06 | N | D Mar-11 [9.4x3], NR | 10-Mar-10 | 9.4x3 |  | N | Be, E | Y |
| *31-36* | A | Jul-03 | N | No | 16-Mar-16 | 9.4x2 |  | U | Be, E | Y |
|  | S | Jun-07 | N | No | 10-Mar-10 | 9.4x3 |  | N | Be, Br | Y |
|  | G | Jan-03 | N | No | 27-Oct-09 | 9.4x3 |  | U | Be, Br | N |
|  | A | Oct-04 | N | D Apr-06 [4.7x3], Nov-06 [4.7x4], NR | 04-May-07 | 9.4x2 |  | N | Be, E | Y |
| *37-42* | A | Jan-03 | Apr-06 | M Nov-06, RU; D + MA Nov-08 [9.4x3], RU | 31-Dec-10 | 9.4x2 |  | N | Be, E | N |
|  | S | Jun-05 | N | D Sep-07 [9.4x2], Sep-08 [9.4x2], RU | 16-Sep-09 | 9.4x2 |  | U | Be, E, Br | N |
| *43-48* | A | Jun-93 | May-04 | D Jan-08 [9.4x3], RU | 01-May-07 | 9.4x2 |  | U | E | N |
| *>49* | A | Jan-03 | Apr-06 |  | 01-May-07 | 9.4x2 |  | U | E | N |