

ANTI-INFECTIVES

Acyclovir

- Bi 80 mg/kg BW IM, IV, PO tid (Ritchie and Harrison, 1997)
20 mg/kg BW PO bid for 7 days (Ritchie and Harrison, 1997)

Amantadine

- F 6 mg/kg BW as an aerosol bid (Cross, 1995)

Amikacin

- Bi 40 mg/kg BW IM sid or bid (Burke, 1986)
22 mg/kg BW q12h (Schultz, 1989)
10–15 mg/kg BW IM, IV, SC q8–12h (Ritchie and Harrison, 1997)
Cockatiels: 15–20 mg/kg BW IM, IV, SC q8–12h (Ritchie and Harrison, 1997)
Psittacines: 30 mg/kg BW total daily dose (Van der Heyden, 1994)
Pigeons: 15–20 mg/kg BW IM, IV bid (Johnson-Delaney, 1996)
Ratites: 10 mg/kg BW PO bid (Welsh et al., 1997)

- C** 5–7 mg/kg BW IM, IV bid (Boothe, 1996)
15 mg/kg BW IM, IV sid (Boothe, 1996)
- Ch** 2 mg/kg BW IM, IV, SC tid (Jenkins, 1992)
- D** 7–10 mg/kg BW IM, IV bid (Boothe, 1996)
20 mg/kg BW IM, IV sid (Boothe, 1996)
- N** 2.3 mg/kg BW IM sid (Wissman and Parsons, 1992)
- Rb** 10 mg/kg BW IM, SC q8–12h (Carpenter et al., 1995)
- Re** Tortoises: 5 mg/kg BW IM q48h for 7–14 days (Page and Mautino, 1990)

Amoxicillin

- Bi** 150 mg/kg BW IM q6–8h (Ritchie and Harrison, 1997)
Canaries: 300–500 mg/kg BW PO in soft food (Ritchie and Harrison, 1997)
Ratites: 20 mg/kg BW PO bid (Welsh et al., 1997)
- Bo** 10 mg/kg BW PO q8–12h (Schultz, 1989)
3–5 mg/lb BW IM, SC sid (Kinsell, 1986)
400 mg/100 lb BW PO bid (Sundlof et al., 1991)
62.5 mg (contents of one prepackaged syringe) into each affected quarter q12h for a maximum of 3 treatments (Sundlof et al., 1991)
- C** 5–10 mg/lb BW PO q12h (Kinsell, 1986)
5 mg/lb BW IM, SC sid (Kinsell, 1986)
11–22 mg/kg BW IM, PO, SC q8–12h (Boothe, 1996)
7 mg/kg BW SC sid (Flecknell, 1996)
- D** 5 mg/lb BW PO q12h (Kinsell, 1986)
5 mg/lb BW SC, IM sid (Kinsell, 1986)
20 mg/kg BW PO bid (Carr, 1997)
7 mg/kg BW SC sid (Flecknell, 1996)
- F** 11–22 mg/kg BW PO, SC (Messonnier, 1996)
7 mg/kg BW SC sid (Flecknell, 1996)
25–35 mg/kg BW PO bid (Johnson-Delaney, 1996)
- Gp** Toxic (Flecknell, 1987)

- H Toxic (Flecknell, 1987)
M 100 mg/kg BW SC, IM bid (Flecknell, 1987)
50 mg/kg BW/day in water for 14 days (Russell et al., 1995)
N 7 mg/kg BW SC (Flecknell, 1987)
10 mg/kg BW PO (Flecknell, 1987)
11 mg/kg BW PO bid (Fraser, 1991)
11 mg/kg BW SC, IM sid (Fraser, 1991)
R 150 mg/kg BW SC, IM bid (Flecknell, 1987)
Sh 7 mg/kg BW SC sid (Flecknell, 1996)
Sw 7 mg/kg BW SC sid (Flecknell, 1996)

Amoxicillin/clavulanate

- Bi 125 mg/kg BW PO bid (Ritchie and Harrison, 1997)
Ratites: 10 mg/kg BW PO bid (Welsh et al., 1997)
C 13.75–20 mg/kg BW PO bid, tid (Boothe, 1996)
D 13.75–20 mg/kg BW PO bid, tid (Boothe, 1996)
F 12.5 mg/kg BW PO bid for 10–14 days (Johnson-Delaney, 1996)

Amphotericin B

- Bi 1.5 mg/kg BW IV q8–12h for 3–7 days (Ritchie and Harrison, 1997)
1 mg/ml in sterile water to nebulize 15 min bid (Ritchie and Harrison, 1997)
C 0.25–0.5 mg/kg BW 2–3 times/week on alternate days, slow IV, IP with 5% dextrose and water (Kinsell, 1986)
D 0.25–0.5 mg/kg BW 2–3 times/week on alternate days, slow IV, IP with 5% dextrose and water (Kinsell, 1986)
0.25–1.0 mg/kg BW IV sid (Johnson et al., 1981)
N 0.25–1.0 mg/kg BW IV sid (Johnson et al., 1981)

Ampicillin

- Bi** 250 mg/8 oz drinking water (change daily) (Burke, 1986)
100–200 mg/kg BW IM, PO q6–8h (Ritchie and Harrison, 1997)
Emus: 15–20 mg/kg BW IM, PO tid (Ritchie and Harrison, 1997)
Ratites: 5 mg/kg BW IM tid (Welsh et al., 1997)
- Bo** Ampicillin trihydrate: 5–10 mg/lb BW IM q8h for up to 7 days (Kinsell, 1986)
- C** Ampicillin sodium: 3 mg/lb BW IV, IM q8–12h (Kinsell, 1986)
Ampicillin trihydrate: 3–8 mg/lb BW IM, SC q8–12h or 10–30 mg/lb BW PO q8–12h (Kinsell, 1986)
22 mg/kg BW IV, PO, SC tid (Hawkins, 1996)
5–10 mg/kg BW IM, IV, SC tid (Boothe, 1996)
10–50 mg/kg BW PO tid (Boothe, 1996)
- D** Ampicillin sodium: 3 mg/lb BW IV, IM q8–12h (Kinsell, 1986)
Ampicillin trihydrate: 3–8 mg/lb BW IM, SC q8–12h or 5–10 mg/lb BW PO q6–8h (Kinsell, 1986)
20 mg/kg BW PO tid (Carr, 1997)
5–10 mg/kg BW IM, IV, SC tid (Boothe, 1996)
10–50 mg/kg BW PO tid (Boothe, 1996)
22 mg/kg BW IV, PO, SC tid (Hawkins, 1996)
- F** 5 mg/kg BW SC sid (McKellar, 1989)
10–30 mg/kg BW SC bid (Johnson-Delaney, 1996)
- Gp** May cause enterocolitis (Bartlett et al., 1978)
6 mg/kg BW SC tid for 5 days (Young et al., 1987)
- H** Toxic (Flecknell, 1987)
- M** 2–10 mg/100 g BW PO bid (Russell et al., 1981)
50–150 mg/kg BW SC bid (Flecknell, 1987)
- N** 30 mg/kg BW IM sid for 5 days (Welshman, 1985)
5 mg/kg BW IM bid (Flecknell, 1987)
20 mg/kg BW IM, IV, PO tid (Johnson et al., 1981)

- R 50–150 mg/kg BW SC bid (Flecknell, 1987)
50 mg/adult rat IP sid for 10 days (Rettig et al., 1989)
- Rb 22–44 mg/kg BW PO in divided doses (Bowman and Lang, 1986)
10–25 mg/kg BW IM sid for 5–7 days (Bowman and Lang, 1986)
10–25 mg/kg BW IM tid (Raphael, 1981)
- Re 3–6 mg/kg BW IM, SC sid until 48 h beyond recovery (Marcus, 1981)
20 mg/kg BW IC bid for 7–9 days (Snipes, 1984)
Tortoises: 20 mg/kg BW IM sid for 7–14 days (Page and Mautino, 1990)

Amprolium

- Bi 2–4 ml/gal water of 9.6% solution for 5 days (Ritchie and Harrison, 1997)
- Bo 10 mg/kg BW daily in feed for 5 days (Schultz, 1989)
- D 100–200 mg/kg BW/day PO in food or water for 7–10 days (Kinsell, 1986)

Apramycin

- Sw 150 g/ton of food; use for 14 days (Sundlof et al., 1991)
12.5 mg/kg BW PO sid for 7 days (Mortensen et al., 1996)

Azithromycin

- Bi 1 drop/g BW PO bid or 50–80 mg/kg BW/d PO of 30 mg/ml suspension, treat for 3 days, stop for 4 days, continue for 3–6 weeks (Rupley, 1997)
- C 5–10 mg/kg BW PO for 5 days then every 48–72 h (Jordan, 2001)
7–15 mg/kg BW PO bid for 5–7 days (Greene, 1998)

- D 5–10 mg/kg BW PO bid for 5–7 days (Greene, 1998)
Re Tortoises: 10 mg/kg BW PO suspension for 1 day, then 5 mg/kg BW PO for 4 days (Johnson, 1998)

Carbenicillin

- Bi 200 mg/kg BW PO bid (Burke, 1986)
100–200 mg/kg BW IM, IV q6–12h (Ritchie and Harrison, 1997)
200 mg/kg BW PO bid (Ritchie and Harrison, 1997)
D 10–15 mg/lb BW PO q8h or 5–10 mg/lb BW IV q8h (Kinsell, 1986)
Re 100 mg/kg BW initially, then 75 mg/kg IM sid or IV bid (Frye, 1981)
Tortoises: 200–400 mg/kg BW IM q48h for 7–14 days (Page and Mautino, 1990)

Carnidazole

- Bi 30–50 mg/kg BW once; may repeat in 10–14 days (Ritchie and Harrison, 1997)

Cefadroxil

- Bi Ratites: 20 mg/kg BW PO bid (Welsh et al., 1997)

Cefazolin

- Bi 25–50 mg/kg BW IM, IV bid (Ritchie and Harrison, 1997)
C 15–25 mg/kg BW IM, IV, SC q4–8h (Boothe, 1996)
D 15–25 mg/kg BW IM, IV, SC q4–8h (Boothe, 1996)
Gp 100 mg/kg BW IM bid (Fritz et al., 1987)
N 25 mg/kg BW IM, IV bid for 7–10 days (University of Washington, 1987)

Cefotaxime

- Bi 75–100 mg/kg BW IM, IV q4–8h (Ritchie and Harrison, 1997)
50–100 mg/kg BW IM, IV tid (Ritchie and Harrison, 1997)
C 20–80 mg/kg BW IM, IV qid (Boothe, 1996)
D 20–80 mg/kg BW IM, IV qid (Boothe, 1996)
N 100–200 mg/kg BW IM tid-qid (Pernikoff and Orkin, 1991)
Re Tortoises: 20–40 mg/kg BW IM sid for 7–14 days (Page and Mautino, 1990)

Cefoxitin

- Bi 50–100 mg/kg BW IM, IV bid, tid (Ritchie and Harrison, 1997)
C 10–30 mg/kg BW IM, IV, SC qid (Boothe, 1996)
D 10–30 mg/kg BW IM, IV, SC qid (Boothe, 1996)

Ceftazidime

- Bi 75–100 mg/kg BW IM, IV tid, qid (Rupley, 1997)
N Propithecus: 50 mg/kg BW IM, IV tid (Feeser and White, 1992)
50 mg/kg BW IM tid (Feeser and White, 1992)
Re 20 mg/kg BW q72h (Lawrence et al., 1984)

Ceftiofur

- Bi Ratites: 20 mg/kg BW IM bid (Welsh et al., 1997)
50–100 mg/kg BW IM qid (Rupley, 1997)
Bo 1.1 mg/kg BW IM sid for up to 5 days (Schultz, 1989)
D 2.2–4.4 mg/kg BW SC bid (Hoskins, 1997)

Ceftizoxime

- N 75–100 mg/kg BW IM bid for 7 days (University of Washington, 1987)

Cephalexin

- Bi 50 mg/kg BW PO qid (Burke, 1986)
Psittacines: 50–100 mg/kg BW PO tid (Ritchie and Harrison, 1997)
Emus: 35–50 mg/kg BW PO qid (Ritchie and Harrison, 1997)
Quail and ducks: 35–50 mg/kg BW PO q2–3h (Ritchie and Harrison, 1997)
- C 35 mg/kg BW PO q12h (Kinsell, 1986)
20–40 mg/kg BW PO tid (Hawkins, 1996)
10–30 mg/kg BW PO q6–8h (Boothe, 1996)
10 mg/kg BW SC sid (Flecknell, 1996)
- D 35 mg/kg BW PO q12h (Kinsell, 1986)
20–40 mg/kg BW PO tid (Carr, 1997)
10–30 mg/kg BW PO q6–8h (Boothe, 1996)
10 mg/kg BW SC sid (Flecknell, 1996)
- F 10 mg/kg BW SC sid (Flecknell, 1996)
10–15 mg/kg BW PO bid for 10 days (Johnson-Delaney, 1996)
- G 25 mg/kg BW SC sid (Flecknell, 1996)
- Gp 50 mg/kg BW IM sid for 14 days (Richardson, 1992)
15 mg/kg BW SC sid (Flecknell, 1996)
- M 60 mg/kg BW PO bid (Flecknell, 1987)
15 mg/kg BW IM bid (Flecknell, 1996)
- N 20 mg/kg BW PO bid (Flecknell, 1987)
- R 60 mg/kg BW PO bid (Flecknell, 1987)
15 mg/kg BW SC bid (Flecknell, 1996)
- Rb 15–20 mg/kg BW PO bid (Flecknell, 1987)
15 mg/kg BW SC bid (Flecknell, 1996)

- Sh 10 mg/kg BW SC sid (Flecknell, 1996)
 Sw 10 mg/kg BW SC sid (Flecknell, 1996)

Cephaloridine

- F 15 mg/kg BW IM sid (McKellar, 1989)
 G 30 mg/kg BW IM bid (Flecknell, 1987)
 Gp 10–25 mg/kg BW IM sid for 5–7 days (Harkness and Wagner, 1977)
 15–25 mg/kg BW SC sid (Bauck, 1989)
 12.5 mg/kg BW IM sid for 14 days (Dixon, 1986)
 H May cause enterocolitis (Bartlett et al., 1978)
 10 mg/kg BW IM bid (Holmes, 1984)
 30 mg/kg BW IM bid (Flecknell, 1987)
 M 30 mg/kg BW IM bid (Flecknell, 1987)
 N 11 mg/kg BW IM bid (Melby and Altman, 1976)
 20 mg/kg BW IM bid (Flecknell, 1987)
 R 30 mg/kg BW IM bid (Flecknell, 1987)
 Rb 10–25 mg/kg BW IM, SC sid for 5 days (Bowman and Lang, 1986)
 Re 10 mg/kg BW IM, SC bid (Frye, 1981)

Cephalothin

- Bi 100 mg/kg BW IM qid (Burke, 1986)
 100 mg/kg BW IM, IV, PO qid (Ritchie and Harrison, 1997)
 Quail and ducks: 100 mg/kg BW IM, IV, PO q2–3h (Ritchie and Harrison, 1997)
 C 40–80 mg/kg BW/day IM, IV q8–12h (Kinsell, 1986)
 20–40 mg/kg BW IM, IV, SC tid (Hawkins, 1996)
 15–35 mg/kg BW IM, IV, SC q6–8h (Boothe, 1996)
 D 40–80 mg/kg BW/day IM, IV q8–12h (Kinsell, 1986)
 20–40 mg/kg BW IM, IV, SC tid (Hawkins, 1996)
 15–35 mg/kg BW IM, IV, SC q6–8h (Boothe, 1996)

- Rb 13 mg/kg BW IM qid for 6 days (Bowman and Lang, 1986)
Re 20–40 mg/kg BW IM bid (Frye, 1981)

Ceptriaxone

- Bi 75–100 mg/kg BW IM, IV q4–8h (Rupley, 1997)

Chloramphenicol palmitate (not for use in food animals)

- Bi 30–50 mg/kg BW PO tid, qid (Ritchie and Harrison, 1997)
C 15–20 mg/lb BW PO q8–12h (Kinsell, 1986)
25–50 mg/kg BW PO bid (Carr, 1997)
50 mg/cat PO q4–6h (Boothe, 1996)
Ch 30–50 mg/kg BW PO bid (Jenkins, 1992)
D 20–25 mg/lb BW PO q6–8h (Kinsell, 1986)
25–50 mg/kg BW PO tid (Carr, 1997)
50 mg/kg BW PO q4–6h (Boothe, 1996)
F 40 mg/kg BW PO tid for 14 days (Krueger et al., 1989)
50 mg/kg BW PO bid for 10 days (Krueger et al., 1989)
G 50 mg/kg BW PO bid (Bauck, 1989)
Gp 50 mg/kg BW PO bid (Bauck, 1989)
50 mg/kg BW PO tid (Russell et al., 1981)
H 20 mg/100 g BW PO tid (Russell et al., 1981)
50 mg/kg BW PO bid (Bauck, 1989)
M 20 mg/100 g BW PO tid (oral suspension) (Russell et al., 1981)
100 mg/200 ml drinking water for 3–5 days (Williams, 1976)
50 mg/kg BW PO bid (Bauck, 1989)
N 50 mg/kg BW PO bid (Flecknell, 1987)
R 20 mg/100 g BW PO tid (Russell et al., 1981)
50 mg/kg BW PO bid (Bauck, 1989)
Rb 50 mg/kg BW PO sid for 5–7 days (Harkness and Wagner, 1983)
50 mg/kg BW PO bid (Bauck, 1989)

- 30–50 mg/kg BW PO bid for 5–7 days (Carpenter et al., 1995)
 750 mg/pint drinking water (Raphael, 1981)
Re Tortoises: 20 mg/kg BW PO bid for 7–14 days (Page and Mautino, 1990)

Chloramphenicol succinate (not for use in food animals)

- Bi** 80 mg/kg BW IM bid or tid (Burke, 1986)
 80 mg/kg BW IM, IV, SC bid, tid (Ritchie and Harrison, 1997)
- C** 10 mg/kg BW IM, IV q12h (Kinsell, 1986)
 50 mg/cat IM, IV, SC q4–6h (Boothe, 1996)
- D** 10 mg/kg BW IM, IV q12h (Kinsell, 1986)
 50 mg/kg BW IM, IV, SC q4–6h (Boothe, 1996)
 50 mg/kg BW SC sid (Flecknell, 1996)
- F** 25 mg/kg BW SC sid (Flecknell, 1996)
 30–50 mg/kg BW IM, IV bid (Johnson-Delaney, 1996)
- Fi** 75 mg/kg BW PO sid in feed for 14 days (CCAC, 1984)
- G** 30 mg/kg BW IM bid (Flecknell, 1987)
 50 mg/60 ml drinking water for 2 weeks (Williams, 1976)
 50 mg/kg BW SC bid (Bauck, 1989)
 30 mg/kg BW SC bid (Flecknell, 1996)
- Gp** 20 mg/kg BW IM bid (Flecknell, 1987)
 50 mg/kg BW SC bid (Bauck, 1989)
- H** 30 mg/kg BM IM bid (Flecknell, 1987)
 50 mg/kg BW SC bid (Bauck, 1989)
 30 mg/kg BW SC bid (Flecknell, 1996)
- M** 50 mg/kg BW IM bid (Flecknell, 1987)
 50 mg/kg BW SC bid (Bauck, 1989)
- N** 25 mg/kg BW IV bid for 10 days (DaRif and Rush, 1983)
 50 mg/kg BW IM bid for 10 days (DaRif and Rush, 1983)
 110 mg/kg BW IM qid for 5–10 days for pneumococcal meningoenzephalitis (Ialeggio, 1989)

- 20 mg/kg BW IM bid (Flecknell, 1996)
- R 50 mg/kg BW IM bid (Flecknell, 1987)
50 mg/kg BW SC bid (Bauck, 1989)
10 mg/kg BW IM bid (Flecknell, 1996)
- Rb 30 mg/kg BW IM sid for 5–7 days (Harkness and Wagner, 1983)
50 mg/kg BW SC bid (Bauck, 1989)
50 mg/kg BW SC, IM, IV tid (Russell et al., 1981)
30 mg/kg BW IM, IV tid for 5–7 days (Carpenter et al., 1995)
15 mg/kg BW IM bid (Flecknell, 1996)
- Re Toads: 5 mg/100 g BW initially, then 3 mg/100 g BW PO bid for 5 days (Marcus, 1981)
Turtles: 40 mg/kg BW IM, IP bid for 7 days (Marcus, 1981)
Tortoises: 20 mg/kg BW IM bid for 7–14 days (Page and Mautino, 1990)
- Sw 11 mg/kg BW IM sid (Flecknell, 1996)

Chlorhexidine

- Bi 10–25 ml of 2% solution/gal water PO; do not use in finches (Ritchie and Harrison, 1997)
10 ml of 2% solution/gal water PO for 10–14 days (Ritchie and Harrison, 1997)
5–10 mg/kg BW PO (Ritchie and Harrison, 1997)

Chlortetracycline

- Bi 5000 ppm in food for 30–45 days (Burke, 1986)
Canaries: 1–1.5 g/l drinking water (Ritchie and Harrison, 1997)
Ratites: 20 mg/kg BW PO tid (Welsh et al., 1997)
- Ch 400 mg/gal drinking water for 4 days (Jenkins, 1992)

Ciprofloxacin

- Bi** Psittacines: 80 mg/kg BW total daily dose (Van der Heyden, 1994)
Pigeons: 5–20 mg/kg BW PO bid for 5–7 days (Johnson-Delaney, 1996)
Ratites: 5 mg/kg BW PO bid (Welsh et al., 1997)
20–40 mg/kg BW IV, PO bid (Ritchie and Harrison, 1997)
- C** 5.2 mg/kg BW PO bid (McKellar, 1996)
5–15 mg/kg BW IV, PO bid (Boothe, 1996)
- D** 5.2 mg/kg BW PO bid (McKellar, 1996)
5–15 mg/kg BW IV, PO bid (Boothe, 1996)
- F** 10–15 mg/kg BW PO bid (Johnson-Delaney, 1996)
- N** 16–20 mg/kg BW PO q12h in sterile water (Kelly et al., 1992)
- Rb** 50 mg/kg BW IM tid for 4 days (Strunk et al., 1985)
40 mg/kg BW IM tid for 28 days (Norden and Shinner, 1985)
40 mg/kg BW IM bid for 17 days (Bayer et al., 1985)
12–20 mg/kg BW PO (Göbel, 1996)

Clindamycin

- C** 11 mg/kg BW PO bid (Boothe, 1996)
- D** 11 mg/kg BW PO bid (Boothe, 1996)
- F** 10 mg/kg BW PO bid (Johnson-Delaney, 1996)
- Gp** May cause enterotoxic cecitis (Bartlett, 1979)

Clofazimine

- Bi** Psittacines: 6 mg/kg BW total daily dose (Van der Heyden, 1994)

Clotrimazole

- Bi** 30–45 min sid for 3 days of 1% solution, off 2 days; for up to 4 months (Ritchie and Harrison, 1997)

Danofloxacin

- Bi** 50 ppm for 3 days (for day-old chicks) (Ritchie and Harrison, 1997)

Dimetridazole

- H** 500 mg/l drinking water (La Regina et al., 1980)
Rb 0.025% solution prepared using 45 g active ingredient/50 gal drinking water (Williams, 1979)

Doxycycline

- Bi** 18–26 mg/kg BW oral syrup PO bid in psittacines (Burke, 1986)
22–44 mg/kg BW IV sid or bid (Burke, 1986)
25–50 mg/kg BW IV once; used to get peak dose in critical case (Ritchie and Harrison, 1997)
Amazons, cockatoos, and African greys: 0.1% in diet (Ritchie and Harrison, 1997)
Green-winged macaws, Amazons, and cockatiels: 25–50 mg/kg BW PO q24–48h (Ritchie and Harrison, 1997)
African greys, Goffin cockatoos, blue and gold macaws, and pigeons: 25 mg/kg BW sid (Ritchie and Harrison, 1997)
Senegal parrots: 25 mg/kg BW PO bid (Ritchie and Harrison, 1997)
Canaries: 250 mg/l water; 1000 mg/kg in soft food (Ritchie and Harrison, 1997)
Nectar eaters: 8 mg/kg BW PO q12–24h (Ritchie and Harrison, 1997)

- C 5–10 mg/kg BW PO bid (Hawkins, 1996)
 D 10 mg/kg BW PO bid (Carr, 1997)
 5–10 mg/kg BW PO bid (Hawkins, 1996)
 N 5 mg/kg BW PO divided bid day 1; 2.5 mg/kg BW the following days (Wolff, 1990)
 Rb 2.5 mg/kg BW PO bid (Carpenter et al., 1995)
 Re 5–10 mg/kg BW PO sid for 10–45 days (Messonnier, 1996)

Enrofloxacin

- Am 1.5–10 mg/kg BW IM, SC sid (Göbel, 1996)
 Bi 7.5–15 mg/kg BW IM, PO bid (Ritchie and Harrison, 1997)
 2.5–5 mg/kg BW IM bid (Roskopf, 1989)
 Poultry: 50 ppm in water (McKellar, 1996)
 Ratites: 1–2 mg/kg BW IM, PO bid (Welsh et al., 1997)
 C 2.5–5 mg/kg BW PO q12–24h (McKellar, 1996)
 2.5–5 mg/kg BW IM, SC as a loading dose (McKellar, 1996)
 5 mg/kg BW SC sid (Flecknell, 1996)
 5 mg/kg BW IV bid (Hardie, 1995)
 Ch 10 mg/kg BW IM, PO, SC bid (Jenkins, 1992)
 2.5–5 mg/kg BW IM, SC, PO bid (Göbel, 1996)
 D 2.5–5 mg/kg BW PO q12–24h (McKellar, 1996)
 2.5–5 mg/kg BW IM, SC as a loading dose (McKellar, 1996)
 5 mg/kg BW SC sid (Flecknell, 1996)
 5 mg/kg BW IV bid (Hardie, 1995)
 F 2.5–5 mg/kg BW IM, PO, SC bid (Göbel, 1996)
 5–10 mg/kg BW IM, PO, SC bid (Johnson-Delaney, 1996)
 G 2.5–5 mg/kg BW IM, PO, SC bid (Göbel, 1996)
 10 mg/kg BW SC bid (Flecknell, 1996)
 Go 2.5–5 mg/kg BW IM, SC sid (McKellar, 1996)
 Gp 5–10 mg/kg BW PO (Dorrestein, 1992)
 2.5–5 mg/kg BW IM, PO, SC bid (Göbel, 1996)
 5–10 mg/kg BW SC bid (Flecknell, 1996)
 100 mg/l water (Dorrestein, 1992)

- H** 5–10 mg/kg BW PO (Dorrestein, 1992)
100 mg/l water (Dorrestein, 1992)
2.5–5 mg/kg BW IM, PO, SC bid (Göbel, 1996)
10 mg/kg BW SC bid (Flecknell, 1996)
- M** 2.5–5 mg/kg BW IM, PO, SC bid (Göbel, 1996)
85 mg/kg BW SC bid for 14 days (Goelz et al., 1994)
85 mg/kg/d PO in deionized water for 14 days (Goelz et al., 1994)
85 mg/kg/d PO in drinking water (Matsumiya and Lavoie, 2003)
- N** 5 mg/kg BW IM, PO q24h for 5 days (Line, 1993)
5 mg/kg BW by gastric intubation sid for 10 days (Line et al., 1992)
50 mg/kg BW SC bid (Flecknell, 1996)
- R** 2.5–5 mg/kg BW IM, PO, SC bid (Göbel, 1996)
10 mg/kg BW SC bid (Flecknell, 1996)
- Rb** 5–10 mg/kg BW IM, SC bid (repeated injections may lead to necrosis, abscesses) (Carpenter et al., 1995)
10 mg/kg BW bid (Mladinich, 1989)
5 mg/kg BW PO bid (Broome et al., 1991)
5–10 mg/kg BW PO (Dorrestein, 1992)
100 mg/l water (Dorrestein, 1992)
- Re** 10 mg/kg BW IM, SC sid for 10–14 days (Messonnier, 1996)
2.5–5 mg/kg BW IM, PO bid for 10–14 days (Messonnier, 1996)
- Sh** 2.5–5 mg/kg BW IM, SC sid (McKellar, 1996)
- Sw** 2.5–5 mg/kg IM, PO sid (McKellar, 1996)

Erythromycin

- Bi** 200 mg/10 ml saline for nebulization tid (15 min) (Ritchie and Harrison, 1997)

Note: Do not inject IM; severe muscle necrosis.

- 45–90 mg/kg BW PO bid for 5–10 days (Ritchie and Harrison, 1997)
- C 5–10 mg/lb BW PO q8h (Kinsell, 1986)
- D 5–10 mg/lb BW PO q8h (Kinsell, 1986)
- F 10–15 mg/kg BW PO qid (Johnson-Delaney, 1996)
- Fi 100 mg/kg BW in feed for 21 days (CCAC, 1984)
- Gp May cause enterocolitis (Bartlett et al., 1978)
- H May cause enterocolitis (Bartlett et al., 1978)
- N 40 mg/kg BW IM sid (Welshman, 1985)
75 mg/kg BW PO bid for 10 days (University of Washington, 1987)

Ethambutol

- Bi 15 mg/kg BW PO for up to 1 year (Roskopf, 1989)
Psittacines: 30 mg/kg BW total daily dose (Van der Heyden, 1994)
- N 22.5 mg/kg BW PO sid in grape juice (reduce dose by $\frac{1}{3}$ after 6 weeks) (Wolf et al., 1988)

Florfenicol

- Fi 10 mg/kg BW PO sid for 10 days (Horsberg, 2002)

Fluconazole

- Bi 2–5 mg/kg BW PO sid for 7–10d (Rupley, 1997)
- N 2–3 mg/kg BW PO (Graybill et al., 1990)

Flucytosine

- Bi Psittacines: 150–250 mg/kg BW PO bid for 2–4 weeks (Ritchie and Harrison, 1997)
50–250 mg/kg feed (Ritchie and Harrison, 1997)

Furazolidone

- Bi** 100–200 mg/l water (Ritchie and Harrison, 1997)
200 mg/kg soft food (Ritchie and Harrison, 1997)
- N** 10–15 mg/kg BW PO sid (Melby and Altman, 1976)
- Rb** 2.5 g/100 lb feed (Russell et al., 1981)
400 mg/pt in drinking water (Russell et al., 1981)
- Re** 25–40 mg/kg BW PO sid (Frye, 1981)

Gentamicin

- Bi** Cockatiels: 5–10 mg/kg BW IM q8–12h (Ritchie and Harrison, 1997)
Ratites: 1–2 mg/kg BW IM tid (Welsh et al., 1997)
Most large: 5 mg/kg BW IM bid or tid (Burke, 1986)
Most small: 10 mg/kg BW IM bid or tid (Burke, 1986)
Raptors: 2.5 mg/kg BW IM tid (Burke, 1986)
40 mg/kg BW PO sid or bid (Burke, 1986)
- C** 2 mg/lb BW IM, SC q12h the first day, then sid (Kinsell, 1986)
2.2 mg/kg BW SC tid (Senior, 1996)
6 mg/kg BW IV sid (Hardie, 1995)
- D** 2 mg/lb BW IM, SC q12h the first day, then sid (Kinsell, 1986)
2.2 mg/kg BW SC tid (Senior, 1996)
6 mg/kg BW IV sid (Hardie, 1995)
- F** 5 mg/kg BW IM, SC sid for 5 days (Johnson-Delaney, 1996)
- G** 0.5 mg/100 g BW IM sid (Russell et al., 1981)
5–8 mg/kg BW SC sid (Bauck, 1989)
- Gp** 5–8 mg/kg BW SC sid (Bauck, 1989)
- H** May cause enterocolitis (Bartlett et al., 1978)
0.5 mg/100 g BW IM sid (Russell et al., 1981)
5–8 mg/kg BW SC sid (Bauck, 1989)
- M** 0.5 mg/100 g BW IM sid (Russell et al., 1981)
1.2 g/l drinking water for 3 days (Russell et al., 1981)

- 5–8 mg/kg BW SC sid (Bauck, 1989)
- N 2 mg/kg BW IM, IV bid for 10 days (DaRif and Rush, 1983)
2 mg/kg BW IM tid for 7–10 days (Ialeggio, 1989)
Baboons: 3 mg/kg BW IM bid (Ralph et al., 1989)
- R 0.5 mg/100 g BW IM sid (Russell et al., 1981)
5–8 mg/kg BW SC sid (Bauck, 1989)
- Rb 4 mg/kg BW IM sid (Russell et al., 1981)
5–8 mg/kg BW SC sid (Bauck, 1989)
2.5 mg/kg BW IM, SC tid for 5 days (Carpenter et al., 1995)
- Re Nonchelonians: 2.5 mg/kg BW q72h supplemented with
parenteral fluids (Frye, 1981)
Chelonians: 10 mg/kg q48h supplemented with parenteral
fluids (Frye, 1981)
10–20 mg/15 ml normal saline bid nebulized for 30 min
(Snipes, 1984)
Tortoises: 5 mg/kg BW IM q72h for 7–14 days (Page and
Mautino, 1990)

Griseofulvin

- C 20 mg/kg BW/day PO sid for 6 weeks, or 140 mg/(kg·week)
once each week for 6 weeks (see note below) (Kinsell,
1986)
- D 20 mg/kg BW/day PO sid for 6 weeks, or 140 mg/(kg·week)
once each week for 6 weeks (see note below) (Kinsell,
1986)

Note: For C and D, qualified individuals have found that the above dosages may not be adequate and suggest the dosage of 65 mg/(kg·day). One should consider treatment for at least 6 weeks' duration. The once-a-week treatment is to be discouraged (Kinsell, 1986). One should also consider immune deficiency diseases if treatment appears ineffective.—Eds.

- F 25 mg/kg BW PO (Ryland and Gorham, 1978)

- Gp** 75 mg/kg BW PO sid for 2 weeks (Harkness and Wagner, 1983)
1.5% in dimethyl sulfoxide applied topically bid for 14 days
(Post and Saunders, 1979)
- M** 25 mg/100 g BW PO every 10 days (Russell et al., 1981)
- N** 20 mg/kg BW PO sid (Johnson et al., 1981)
200 mg/kg BW PO once every 10 days (Johnson et al., 1981)
- R** 25 mg/100 g BW PO every 10 days (Russell et al., 1981)
- Rb** 25 mg/100 g BW PO every 10 days (Russell et al., 1981)
2.5 mg/100 g BW PO for 14 days (Russell et al., 1981)
12.5–25 mg/kg BW PO bid for 30 days (Carpenter et al., 1995)

Hetacillin

- C** 25 mg/kg BW PO tid (Senior, 1996)
- D** 25 mg/kg BW PO tid (Senior, 1996)

Imipenem/cilastatin (Primaxin)

- C** 3–10 mg/kg BW IM, IV q6–8h (Boothe, 1996)
2–7.5 mg/kg BW IM, IV tid (Boothe, 1996)
- D** 3–10 mg/kg BW IM, IV q6–8h (Boothe, 1996)
2–7.5 mg/kg BW IM, IV tid (Boothe, 1996)

Isoniazid

- Bi** Psittacines: 30 mg/kg BW total daily dose (Van der Heyden, 1994)
- N** 5 mg/kg BW PO in divided doses (Johnson et al., 1981)
Chimpanzees: 15–25 mg/kg BW PO bid (Fineg et al., 1966)
25 mg/kg BW PO sid in grape juice (reduce dose by $\frac{1}{3}$ after 6 weeks) (Wolf et al., 1988)

Itraconazole

- Bi** 5–10 mg/kg BW PO bid for 4–5 weeks (Rupley, 1997)
 African Greys: 5 mg/kg BW PO sid (Rupley, 1997)

Kanamycin

- Bi** 10–20 mg/kg BW IM bid (Burke, 1986)
 10–50 mg/l drinking water (change daily) for 3–5 days
 (Burke, 1986)
- C** 5–7.5 mg/kg BW IM, IV, SC tid (Boothe, 1996)
 2.5 mg/lb BW SC q12h (Kinsell, 1986)
- D** 2.5 mg/lb BW SC q12h (Kinsell, 1986)
 5–7.5 mg/kg BW IM, IV, SC tid (Boothe, 1996)
- N** 7.5 mg/kg BW IM bid (Johnson et al., 1981)
- Re** 10–15 mg/(kg·d) in divided doses IV, IM, IP (Frye, 1981)

Ketoconazole

- Bi** Psittacines: 30 mg/kg BW PO q12h (Ritchie and Harrison, 1997)
- C** 10–20 mg/kg BW PO q8–12h (Kinsell, 1986)
- D** 10–20 mg/kg BW PO q8–12h (Kinsell, 1986)
- Re** Tortoises: 30 mg/kg BW PO sid for 2–4 weeks (Page and Mautino, 1990)

Lincomycin

- Bi** Raptors: 100 mg/kg BW PO sid (Burke, 1986)
 100–200 mg/l water PO (Ritchie and Harrison, 1997)
- C** 10 mg/lb BW PO q12h or 7 mg/lb BW PO q8h (Kinsell, 1986)
 10 mg/kg BW IM q12h (Kinsell, 1986)
 5–10 mg/lb BW slow IV in 5% glucose or normal saline
 (Kinsell, 1986)

Note: Do not continue therapy longer than 12 days; may cause pseudomembranous colitis.

- D 10 mg/lb BW PO q12h or 7 mg/lb BW PO q8h (Kinsell, 1986)
10 mg/kg BW IM q12h (Kinsell, 1986)
5–10 mg/lb BW slow IV in 5% glucose or normal saline (Kinsell, 1986)

Note: Do not continue therapy longer than 12 days; may cause pseudomembranous colitis.

- N 5–10 mg/kg BW IM bid (Williams, 1976)
Re 6 mg/kg BW IM bid, sid (Frye, 1981)

Marbofloxacin

- Bi 2 mg/kg BW PO sid (Anadón et al., 2002)
C 2 mg/kg BW PO, SC sid (McKellar, 1996)
D 2 mg/kg BW PO, SC sid (McKellar, 1996)
1.25 mg/lb BW PO sid. Can be increased to 2.5 mg/lb BW.
Treat for a maximum of 30 days (Pfizer Animal Health product literature)

Methicillin

- N 50 mg/kg BW IM bid for 7 days (University of Washington, 1987)

Metronidazole

- Bi Pigeons: 50 mg/kg BW PO bid for 5 days (Johnson-Delaney, 1996)
200–250 mg/kg BW PO sid for 3–7 days (Johnson-Delaney, 1996)
10–20 mg/kg BW IM sid for 2 days (Johnson-Delaney, 1996)
4 g/gal drinking water for 3–7 days (Johnson-Delaney, 1996)

- C 10 mg/kg BW PO tid (Boothe, 1996)
 10–15 mg/kg BW IV, PO bid-tid (Groman, 2000)
 62.5 mg/kg BW/d PO (Groman, 2000)
 25 mg/kg BW/d for 5 days (*Giardia*) (Groman, 2000)
- D 60 mg/kg BW PO sid for 5 days (Kinsell, 1986)
 10 mg/kg BW PO tid (Boothe, 1996)
 10–15 mg/kg BW IV, PO bid-tid (Groman, 2000)
 15 mg/kg BW PO sid, bid (Groman, 2000)
 50 mg/kg BW/d PO for 5 days (*Giardia*) (Groman, 2000)
- F 35 mg/kg BW PO sid for 5 days (Bell, 1994)
- Fi 50 mg/kg BW PO sid for 5 days (Harms, 1996)
 5–10 ppm continuous bath (Harms, 1996)
- Gp 20 mg/kg BW PO, SC sid (Richardson, 1992)
- M 2.5 mg/ml drinking water for 5 days (Roach et al., 1988)
- N 35–50 mg/(kg-day) BW PO bid for 10 days (Holmes, 1984)
- Rb 20 mg/kg BW PO bid (Carpenter et al., 1995)
- Re 125–275 mg/kg BW PO once; may be repeated at 7- to
 10-day intervals for 1–2 more treatments (Frye, 1981)
 Tortoises: 250 mg/kg BW PO once; repeat in 2 weeks (Page
 and Mautino, 1990)

Minocycline

- C 5–12.5 mg/kg BW PO bid (Boothe, 1996)
- D 5–12.5 mg/kg BW PO bid (Boothe, 1996)
- N 4 mg/kg BW PO (Whitney et al., 1977)
 15 mg/kg BW PO q12h for 7 days (Junge et al., 1992)
- Rb 6 mg/kg BW IV q8h (Nicolau et al., 1993)

Neomycin

- Bi 10 mg/kg BW PO bid or tid (Burke, 1986)
 80–100 mg/l drinking water (Ritchie and Harrison, 1997)
- C 5–7 mg/lb BW PO q6–24h (Kinsell, 1986)

- D** 5–7 mg/lb BW PO q6–24h (Kinsell, 1986)
- F** 10–20 mg/kg BW PO (Ryland and Gorham, 1978)
10 mg/kg BW PO in divided doses (Flecknell, 1996)
- G** 100 mg/kg BW PO sid (Flecknell, 1987)
10 g/gal drinking water for 5 days, then 5 g/gal for an additional 5 days (Russell et al., 1981)
- Gp** 5 mg/300- to 400-g animal PO bid for 5 days (Farrar and Kent, 1965)
10 mg/kg BW PO sid (Flecknell, 1987; McKellar, 1989)
30 mg/kg SC (Flecknell, 1987)
5 mg/kg BW PO bid (Richardson, 1992)
- H** 5 ml Biosol/100 ml drinking water for 5 days, then give ½ dose for an additional 5 days (Russell et al., 1981)
125 mg/l drinking water (La Regina et al., 1980)
10 mg in 0.25 ml water/40-g animal sid via intragastric administration (Sheffield and Beveridge, 1962)
10 mg/kg BW PO sid (Flecknell, 1987)
- M** 2 mg/ml drinking water for 14 days; prepare fresh daily (Barthold, 1980)
10 g/gal drinking water for 5 days, then 5 g/gal for an additional 5 days (Russell et al., 1981)
50 mg/kg BW SC sid (McKellar, 1989)
- N** 10 mg/kg BW PO bid (Flecknell, 1987)
- R** 50 mg/kg BW IM bid (Flecknell, 1987)
10 g/gal drinking water for 5 days, then 5 g/gal for an additional 5 days (Russell et al., 1981)
2 mg/ml drinking water (Flecknell, 1996)
- Rb** 30 mg/kg BW PO bid for 5 days (Carpenter et al., 1995)
0.2–0.8 mg/ml drinking water (Flecknell, 1996)
- Sh** 11 mg/kg BW PO bid (Flecknell, 1996)
- Sw** 11 mg/kg BW PO bid (Flecknell, 1996)

Nitrofurantoin

- C 1–2 mg/lb BW PO q8h with food (Kinsell, 1986)
- D 1–2 mg/lb BW PO q8h with food (Kinsell, 1986)
- Gp 50 mg/kg BW sid for 3 days (Richardson, 1992)
- N 2–4 mg/kg BW IM, IV tid (Johnson et al., 1981)
- R 0.2% in feed for 6–8 weeks (Russell et al., 1981)

Nitrofurazone

- Bi $\frac{1}{8}$ to $\frac{1}{4}$ tsp of 9.3% soluble powder/l of water (change daily)
(Burke, 1986)
- N 11 mg/kg BW PO sid (Melby and Altman, 1976)
- Rb 11 mg/kg BW PO sid (Melby and Altman, 1976)
100 mg/l drinking water (Schuchman, 1977)

Norfloxacin

- Bi Ratites: 3–5 mg/kg BW PO bid (Welsh et al., 1997)
- C 22 mg/kg BW PO bid (McKellar, 1996)
- D 22 mg/kg BW PO bid (McKellar, 1996)
- M 200 mg/kg BW IM bid (our interpretation of Fromtling et al., 1985, Eds.)

Nystatin

- Bi Psittacines: 300,000 IU/kg BW q8–12h for 7–14 days
(Ritchie and Harrison, 1997)
Passerines: 100 IU/l water (Ritchie and Harrison, 1997)
- N 200,000 U PO qid until 2 days following recovery (Fraser, 1991)
- Re 100,000 IU/kg BW PO sid (Messonnier, 1996)

Orbifloxacin

- C 2.5–5 mg/kg BW IM sid (McKellar, 1996)
- D 2.5–5 mg/kg BW IM sid (McKellar, 1996)
- Go 2.5–5 mg/kg BW IM sid (McKellar, 1996)
- Sh 2.5–5 mg/kg BW IM sid (McKellar, 1996)
- Sw 2.5–5 mg/kg BW IM sid (McKellar, 1996)

Oxolinic acid

- Fi 15 mg/kg BW PO sid for 10 days (Horsberg, 2002)

Oxytetracycline

- Bi 200 mg/kg BW IM sid (one dose) (Burke, 1986)
Ratites: 5 mg/kg BW IM bid (Welsh et al., 1997)
- Bo 7–11 mg/kg BW/day not to exceed 4 consecutive days
(Schultz, 1989)
- C 20 mg/kg BW PO tid (Carr, 1997)
- D 20 mg/kg BW PO tid (Carr, 1997)
- G 800 mg/l drinking water (Williams, 1976)
20 mg/kg BW SC sid (McKellar, 1989)
- Gp 5 mg/kg BW IM bid (Siegmund, 1979)
- H 20 mg/kg BW SC sid (McKellar, 1989)
- M 400 mg/l drinking water given continuously (Williams, 1976)
100 mg/kg BW SC bid (Flecknell, 1987)
- N 10 mg/kg BW SC, IM (Flecknell, 1987)
- R 60 mg/kg BW SC q72h of long-acting drug (Liquimycin
LA-200) (Curl et al., 1988)
- Rb 30–100 mg/kg BW in divided doses PO (Bowman and Lang,
1986)
400–1000 mg/l drinking water (Bowman and Lang, 1986)
15 mg/kg BW SC, IM (Flecknell, 1987)
15 mg/kg BW IM tid for 7 days (Carpenter et al., 1995)
50 mg/kg BW qid (Raphael, 1981)

- Re 6–10 mg/kg BW IV, IM sid (Frye, 1981)
 Sh 7–11 mg/kg BW/day not to exceed 4 consecutive days
 (Schultz, 1989)

Penicillin

- Bi** Penicillin G, benzathine: 100 mg/kg BW IM sid, qod (Ritchie and Harrison, 1997)
 Note: May cause death if given IV (Ritchie and Harrison, 1997)
 Penicillin G, procaine: 100 mg/kg BW IM q24–48h (Ritchie and Harrison, 1997)
 Note: Never use procaine in parrots or passerines (Ritchie and Harrison, 1997)
- Bo** Penicillin G, procaine: 20,000–40,000 U/kg BW IM q12h (Schultz, 1989)
 Penicillin G, procaine and penicillin G, benzathine: 20,000–40,000 U/kg BW SC q48h (Schultz, 1989)
- C** Penicillin G, procaine: 40,000 U/kg BW IM q24h (Kinsell, 1986)
- D** Penicillin G, potassium: 20,000 U/kg BW IM, IV (drip) q4–6h (Kinsell, 1986)
 Penicillin G, procaine: 40,000 U/kg BW IM sid (Kinsell, 1986)
 Penicillin G, procaine and penicillin G, benzathine: 1 ml/10–25 lb BW IM, SC repeat in 48 h (Kinsell, 1986)
- Gp** May cause enterotoxic cecitis (Bartlett, 1979)
- M** Penicillin, potassium: 100,000 IU/kg BW IM bid (do not use procaine penicillin) (Russell et al., 1981)
 Penicillin, potassium: 60,000 U/mouse IM (Taber and Irwin, 1969)
- N** Penicillin G, procaine: 20,000 U/kg BW IM bid (Johnson et al., 1981)

- Penicillin G, benzathine: 40,000 U/kg BW IM every 3 days (Johnson et al., 1981)
- R Penicillin, potassium: 100,000 IU/kg BW IM bid (Russell et al., 1981)
- Penicillin, oral: 15,000 IU/20 ml drinking water (Williams, 1976)
- Rb Penicillin G, procaine and penicillin G, benzathine: 42,000 or 84,000 IU/kg BW SC once each week for 3 weeks (Cunliffe-Beamer and Fox, 1981)
- Penicillin G, procaine and penicillin G, benzathine: "FloCillin"—2 ml/10 lb BW IM, SC qod (Russell et al., 1981)
- Penicillin G, procaine: 60,000 U/kg BW IM sid for 10 days (Jaslow et al., 1981; Welch et al., 1987)
- Penicillin G, procaine: 50,000 IU/kg BW sid (Bauck, 1989)
- Re Penicillin G, procaine and penicillin G, benzathine: 10,000 U total penicillin activity/kg BW IM at 24- to 72-h intervals (Frye, 1981)
- Penicillin G, potassium: 10,000–20,000 U/kg BW IM, SC tid or qid (Frye, 1981)
- Sh Penicillin G, procaine and penicillin G, benzathine: 10,000 or 20,000 U/kg BW IM every 3 or 6 days, respectively (Schultz, 1989)
- Sw Penicillin G, procaine and penicillin G, benzathine: 10,000–40,000 U/kg BW IM every 3 days (Schultz, 1989)

Piperacillin

- Bi 100–200 mg/kg BW IM, IV q6–8h (Ritchie and Harrison, 1997)
- Budgerigars: 200 mg/kg BW IM, IV q8h (Ritchie and Harrison, 1997)
- N 100–150 mg/kg BW IM, IV bid for 7–10 days (University of Washington, 1987)

80–100 mg/kg BW IM, IV tid for 7–10 days (University of Washington, 1987)

Re 100–400 mg/kg BW IM sid (Messonnier, 1996)

Polymyxin B

Bi Canaries: 50,000 IU/l water (Ritchie and Harrison, 1997)

Rb 3 mg/300- to 400-g animal PO bid for 5 days (Farrar and Kent, 1965)

Potassium iodide

C 0.1 ml/kg BW PO of 20% solution for 8 weeks (González-Cabo et al., 1989)

Rifampin

Bi 10–20 mg/kg BW PO bid (Rosskopf, 1989)

Psittacines: 45 mg/kg BW total daily dose (Van der Heyden, 1994)

N 22.5 mg/kg BW PO sid in grape juice (reduce by $\frac{1}{3}$ after 6 weeks) (Wolf et al., 1988)

Spectinomycin

Bi Canaries: 200–400 mg/l water (Ritchie and Harrison, 1997)

D 2.5–5 mg/lb BW IM q12h (Kinsell, 1986)

Streptomycin sulfate

Bi Not for use in psittacines or passerines (Ritchie and Harrison, 1997)

10–15 mg/kg BW IM bid (Burke, 1986)

10–30 mg/kg BW IM q8h (Ritchie and Harrison, 1997)

10–20 mg/kg BW IM bid for 7 days (Rosskopf, 1989)

- Fi 30–40 mg/kg BW IP sid (CCAC, 1984)
M 4–5 mg/adult mouse SC sid (McDougall et al., 1967)
Rb 10 mg/kg BW IM q4h (CCAC, 1984)
Re 10 mg/kg BW IM bid (Frye, 1981)

Succinylsulfathiazole

- Gp 0.1% in drinking water (Williams, 1976)

Sulfachlorpyridine

- Bi 0.25 tsp/l water for 5–10 days (Schultz, 1989)
Canaries: 150–300 mg/l drinking water (Ritchie and Harrison, 1997)

Sulfadiazine and pyrimethamine (respectively)

- Mi Toxic

Sulfadimethoxine

- Bi 20 mg/kg BW PO bid (Burke, 1986)
50 mg/kg BW PO sid for 5 days, off for 3 days, repeat for 5 days (Ritchie and Harrison, 1997)
Ratites: 0.05% concentration in drinking water (Welsh et al., 1997)
C 25 mg/lb BW IM, IP, PO, SC the first day, then 12.5 mg/lb BW q24h for 6 days (Kinsell, 1986)
Ch 12.5 mg/kg BW PO bid (Hoefer, 1994)
D 25 mg/lb BW IM, IP, PO, SC the first day, then 12.5 mg/lb BW q24h for 6 days (Kinsell, 1986)
F 300 mg/kg BW daily in drinking water for 2 weeks (Bell, 1994)
Mi Toxic
Rb 75–100 mg/kg BW PO sid for 7 days (Rossoff, 1974)

- 12.5 mg/kg BW PO bid (Carpenter et al., 1995)
 Re 90 mg/kg BW IV, IM sid first day, then 45 mg/kg BW sid
 days 2–6 (Frye, 1981)

Sulfamerazine

- Fi 240 mg/kg BW sid in feed for 14 days (CCAC, 1984)
 Gp 40 ml 12.5% solution/gal drinking water (Russell et al.,
 1981)
 M 0.02% in drinking water (Flecknell, 1987)
 Mi Toxic
 R 0.02% in drinking water (Flecknell, 1987)

Sulfamethazine

- Bi 30 mg/oz drinking water (Ritchie and Harrison, 1997)
 Chickens: for coccidia, 128–187 mg/kg BW sid for 2 days,
 then ½ dose for 4 days (Ritchie and Harrison, 1997)
 30 mg/oz solution PO full strength instead of drinking water
 for 5–7 days (Burke, 1986)
 C 50 mg/kg BW PO, IV q12h of 12.5% solution (Kinsell,
 1986)
 D 50 mg/kg BW PO, IV q12h of 12.5% solution (Kinsell,
 1986)
 Gp 12.5%: add 4 ml/500 ml drinking water for 1–2 weeks
 (Williams, 1976)
 12.5%: add 1.33–4.14 ml/l drinking water (Melby and
 Altman, 1976)
 166–517 mg/l drinking water (CCAC, 1984)
 H 665–800 mg/l drinking water (CCAC, 1984)
 M 12.5%: dilute 1 ml with 49 ml water and give 0.5 ml diluted
 solution to 30-g mouse bid (Russell et al., 1981)
 12.5%: add 5 ml/pt in drinking water (100 mg/kg BW PO)
 (Russell et al., 1981)
 450–1200 mg/l drinking water (CCAC, 1984)

- Mi** Toxic
N 66 mg/kg BW PO bid (CCAC, 1984)
R 12.5%: add 5 ml/pt drinking water (100 mg/kg BW PO)
(Russell et al., 1981)
665–950 mg/l drinking water (CCAC, 1984)
Rb 12.5%: add 5 ml/pt drinking water (100 mg/kg BW PO)
(Russell et al., 1981)
900–1350 mg/l drinking water (CCAC, 1984)
Re 0.5 g/kg BW PO sid first day, then 0.25 g/kg BW days 2–4
(Frye, 1981)

Sulfaquinoxaline

- Bi** Poultry: 0.0125–0.025% in drinking water (Schultz, 1989)
Bo 10 g/100 lb BW PO daily for 3–5 days (Schultz, 1989)
Gp 0.25–1.0 g/l drinking water for 30 days (Schuchman, 1977)
Mi Toxic
Rb 0.05% in drinking water (Patton, 1979)
6 mg/lb BW PO for 5–7 days (Russell et al., 1981)
Re 0.04% in drinking water for 3–5 days (Frye, 1981)
Sh 10 g/100 lb BW PO daily for 3–5 days (Schultz, 1989)
Sw 0.0125–0.025% in drinking water (Schultz, 1989)

Sulfasalazine

- N** 30 mg/kg BW PO bid (Isaza et al., 1992)

Sulfisoxazole

- N** 50 mg/kg BW PO sid (Johnson et al., 1981)

Tetracycline

- Am** 1 mg/6 g BW PO (stomach tube) bid for 7 days (mix in small volume of distilled water) (Marcus, 1981)

- Bi** 250 mg/kg BW of oral suspension bid (Burke, 1986)
50 mg/kg BW PO tid (Ritchie and Harrison, 1997)
- C** 10–25 mg/lb BW PO q8–12h (Kinsell, 1986)
22 mg/kg BW PO tid (Carr, 1997)
- D** 10–25 mg/lb BW PO q8–12h (Kinsell, 1986)
22 mg/kg BW PO tid (Carr, 1997)
- G** 250 mg/100 ml drinking water for 14 days (Williams, 1976)
2 mg/100 g BW PO or IM (Clifford, 1973)
20 mg/kg BW PO bid (Bauck, 1989)
- Gp** 112–350 mg/l drinking water (CCAC, 1984)
20 mg/kg BW PO bid (Bauck, 1989)
50 mg/kg BW PO by dropper divided into 3 doses
(Richardson, 1992)
5 mg/kg BW IM bid (Richardson, 1992)
- H** 400 mg/l drinking water (La Regina et al., 1980)
20 mg/kg BW PO bid (Bauck, 1989)
- M** 3–5 mg/ml drinking water for 5–7 days (Harkness and
Wagner, 1983)
1 mg/ml drinking water for 7 days (Barthold, 1980)
20 mg/kg BW PO bid (Bauck, 1989)
100 mg/kg BW SC sid (McKellar, 1989)
- N** 20–25 mg/kg BW PO bid to tid for 7–10 days (Johnson
et al., 1981; University of Washington, 1987)
25 mg/kg BW IM, IV bid (University of Washington, 1987)
- R** 450–643 mg/l drinking water (CCAC, 1984)
20 mg/kg BW PO bid (Bauck, 1989)
100 mg/kg BW SC (McKellar, 1989)
- Rb** 30–100 mg/kg BW in divided doses PO (Bowman and Lang,
1986)
20 mg/kg BW PO bid (Bauck, 1989)
500–900 mg tetracycline powder in dextrose/l drinking water;
fresh twice daily and protect from light (Bauck, 1989)
- Re** 25–50 mg/kg BW PO bid until 48 h past recovery (Marcus,
1981)

Ticarcillin

- Bi 200 mg/kg BW IM, IV bid to qid (Burke, 1986)
- C 75–100 mg/kg BW IV q6–8h (Boothe, 1996)
- D 75–100 mg/kg BW IV q6–8h (Boothe, 1996)

Tilmicosin

- Rb 25 mg/kg BW SC once (McKay et al., 1996)

Tobramycin

- Bi 2.5–5 mg/kg BW IM bid (Ritchie and Harrison, 1997)
- C 2 mg/kg BW IM, IV, SC tid (Boothe, 1996)
- D 2 mg/kg BW IM, IV, SC tid (Boothe, 1996)
- Gp 30 mg/kg BW q24h (Kapusnik et al., 1988)

Trimethoprim

- N 75 mg/kg IM sid (Welshman, 1985)

Trimethoprim/sulfadiazine

- C 5 mg/lb BW sid (Kinsell, 1986)
15 mg/kg BW IM, PO bid (Hawkins, 1996)
- Ch 30 mg/kg BW IM, PO, SC bid (Jenkins, 1992)
- D 15 mg/kg BW IM, PO bid (Hawkins, 1996)
30 mg/kg BW/day PO; in severe infections use 1/2 daily dose q12h; administer 2–3 days after signs subside but not more than 14 consecutive days (Kinsell, 1986)
1 ml/5 lb BW of oral suspension (Kinsell, 1986)
1 ml/20 lb SC sid of 24% injectable (Kinsell, 1986)
- F 30 mg/kg BW PO or oral suspension (Bell, 1994)
- Fi 25–33.3 mg/kg BW PO sid for 5–8 days (Ranheim et al., 2002)

- G 30 mg/kg BW SC sid (Bauck, 1989)
- Gp 0.5 ml/kg BW SC of 240 mg/ml solution (Flecknell, 1987)
30 mg/kg BW SC sid (Bauck, 1989)
- H 30 mg/kg BW SC sid (Bauck, 1989)
- M 0.5 ml/kg BW SC of 240 mg/ml solution (Flecknell, 1987)
- N 0.2 ml/kg BW SC of 240 mg/ml solution (Flecknell, 1987)
0.1 ml/kg BW SC of 240 mg/ml solution for 7–10 days
(Ialeggio, 1989)
Prosimians: 25 mg/kg BW SC, IM sid (Feeser and White, 1992)
- R 0.5 ml/kg BW SC of 240 mg/ml solution (Flecknell, 1987)
- Rb 0.2 ml/kg BW SC bid of 240 mg/ml solution (Flecknell, 1987)
30 mg/kg BW SC sid (Bauck, 1989)
- Re Tortoises: 30 mg/kg BW IM, PO q48h for 7–14 days (Page and Mautino, 1990)
30 mg/kg BW IM, SC sid (Messonnier, 1996)

Trimethoprim and sulfamethoxazole (dosed on sulfa concentration)

- Bi 100 mg/kg BW PO bid (Burke, 1986)
25 mg/kg BW PO q12h (Ritchie and Harrison, 1997)
50 mg/kg BW PO sid (Ritchie and Harrison, 1997)
- G 15 mg/kg BW PO bid (Bauck, 1989)
- Gp 15 mg/kg BW PO bid (Bauck, 1989)
- H 15 mg/kg BW PO bid (Bauck, 1989)
- N *Lemur and Varecia*: 50 mg/kg BW PO sid (Feeser and White, 1992)
- Rb 15 mg/kg BW PO bid (Bauck, 1989)
- Re Tortoises: 30 mg/kg BW IM, PO q48h for 7–14 days (Page and Mautino, 1990)

Tylosin

- Bi** 10–40 mg/kg BW IM bid or tid (Burke, 1986)
- Bo** 17.6 mg/kg BW/day IM not to exceed 5 days (Schultz, 1989)
- C** 1–5 mg/lb BW IM q12–24h (do not mix with any other solution) (Kinsell, 1986)
10–20 mg/lb BW/day PO divided q6–8h (Kinsell, 1986)
- D** 1–5 mg/lb BW IM q12–24h (do not mix with any other solution) (Kinsell, 1986)
10–20 mg/lb BW/day PO divided q6–8h (Kinsell, 1986)
- G** 10 mg/100 g BW PO for 21 days (Russell et al., 1981)
10 mg/kg BW IM, SC sid (McKellar, 1989)
- H** 100 mg/kg BW PO sid (Flecknell, 1987)
10 mg/100 g BW PO for 21 days (Russell et al., 1981)
10 mg/kg BW IM, SC sid (McKellar, 1989)
- M** 0.2–0.8 mg/100 g BW IM bid (Russell et al., 1981)
10 mg/kg BW SC bid (Flecknell, 1987)
10 mg/100 g BW PO for 21 days (Russell et al., 1981)
- N** 10 mg/kg BW IM bid (Welshman, 1985)
- R** 10 mg/kg BW SC sid (Flecknell, 1996)
5 g/l in drinking water mixed with dextrose; give 100 ml treated water to each rat daily (Carter et al., 1987)
10 mg/kg BW SC bid (Flecknell, 1987)
10 mg/100 g BW PO for 21 days (Russell et al., 1981)
- Rb** 10 mg/kg BW IM, SC, PO bid (Carpenter et al., 1995)
- Re** 25 mg/kg BW IM, PO sid for 7 days (Marcus, 1981)
- Sw** 8.8 mg/kg BW IM q12h not to exceed 3 days (Schultz, 1989)
2–10 mg/kg BW IM sid (Flecknell, 1996)

Vancomycin

- H** 20 mg/kg BW PO by gavage (Boss et al., 1994)
- Rb** 50 mg/kg BW IV q8h (Nicolau et al., 1993)