Content Corrections

Fundamentals of Veterinary Clinical Pathology, 2nd edition, 2008

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This listing: December 28, 2011

Previous listings: Nov. 12, 2008; Dec. 9, 2008; Dec. 17, 2008; Mar. 19, 2009; Jan. 14, 2010; Aug. 17, 2010; Jan. 27, 2011

For each correction, the date when the correction was first posted on this website is noted. Also, a new correction file will be posted when new printings of the second edition are distributed.

Which printing do you have?

The printing notation is located on the last line of the copyright page (page iv): e.g., 1 for first printing.

The corrections are listed in two sections.

1. Corrections for 1st, 2nd, and 3rd printings (pages 1– 4)
2. Corrections for 1st, 2nd, 3rd, 4th, 5th & 6th printings (pages 4–11)

For each correction, the date when the correction was first posted on this website is noted.

Note to readers of our textbook: We regret that the publisher of *Fundamentals of Veterinary Clinical Pathology*, 2nd edition, has not made the noted corrections in several printings; some errors in the most recent printing (6th) have been noted since January 2010. Some errors are very minor, but others can cause incorrect interpretations of laboratory data.

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Corrections for 1st, 2nd & 3rd printings

Page 6 (1st–3rd printing) *November 12, 2008*

Line 1 in C.2.b paragraph.: change *thrombin* to *antithrombin*

Corrected

b. Heparin (as … salts) activates antithrombin ….

Page 152 (1st–3rd printing) *March 19, 2009*

Line 1 in paragraph 7.a.: add *because of* between *occurs* and *diseases*

Corrected:

a. This occurs because of diseases that directly ….

Page 207 (1st–3rd printing) *March 19, 2009*

Line 4 in paragraph V.A.3.: change *release* to *released*

Corrected:

the increased [ferritin] is not … to be released from tissues other

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Page 225 (1st–3rd printing) *March 19, 2009*
Line 3 in paragraph B.1.: change *4A* to *7D* for the megakaryocyte image
Corrected:
circulating from the bone marrow (see Plate 7D [for all ….

Page 237 (1st–3rd printing) *March 19, 2009*
Line 3 in paragraph D.2.a.(2): change *it* to *if*
Corrected:
of increased … direct assay, if available, would provide

Page 338 (1st–3rd printing) *March 19, 2009*
Additions to Table 6.6: Add *Anemia of inflammatory disease* and *Renal disease (chronic) (see p. 161)* in the list for Selective erythroid hypoplasia
Corrected:
Selective erythroid hypoplasia
*Pure red cell aplasia: immune mediated, ...
*FeLV-induced erythroid hypoplasia
*Anemia of inflammatory disease
*Renal disease (chronic) (see p. 161)
Endocrine: hypothyroidism, ...
Drug induced: chloramphenicol

Page 377 (1st–3rd printing) *March 19, 2009*
Line 1 in paragraph D.2.: change *ararose* to *agarose*
Corrected:
2. The proteins bands on the cellulose acetate or agarose should be ….

Page 394 (1st–3rd printing) *March 19, 2009*
Last line of Table 7.7: The hemoconcentration line should not be indented from the left margin
Corrected:
Table 7.7. Diseases and conditions that cause hyperfibrinogenemia
Increased fibrinogen concentration
*Inflammation
*Hemoconcentration

Page 453 (1st–3rd printing) *March 19, 2009*
Table 8.10, Protein column, 4+ value for Multistix: Change *1000* to *2000*
Corrected:

	Glucose	Bilirubin	Ketone	Heme	Protein
4+					2000

Page 464 (1st–3rd printing) *December 17, 2008*
Line 4 in V.A.3. paragraph: edit to the corrected version; remove superscript 1 which referenced a source of incorrect information
Corrected:
hydroxybutyrate are resorbed until their transport maximums are exceeded.

Page 481 (1st–3rd printing) *March 19, 2009*
Line 6 in paragraph A.3.: change *clinical* to *clinically*
Corrected:
more recently, some have … proteinurias in clinically healthy

Page 483 (1st–3rd printing) *March 19, 2009*
2nd line below Eq. 8.7: switch the words *time* and *the*
Corrected:
Urine volume, the time over which urine formed, and ….

Page 507 (1st–3rd printing) *December 17, 2008*
Line 2 in (3)(a) paragraph: remove *nonabsorbable*
Corrected:
increased. The presence of these anions in the tubular ….

Page 517 (1st–3rd printing) *December 17, 2008*
Lines 2 & 3 in b.(1)(b)(i) paragraph: remove *not resorbed*
Corrected:
Ketonuria: AcAc and BHB ... anions that are in the tubules. Their ….

Page 716 (1st–3rd printing) *March 19, 2009*
Lines 3 & 4 in paragraph b.(4): change *GLUT4* to *GLUT-4*
Corrected:
glucose intolerance and a lower GLUT-4 expression.
that decreased GLUT-4 expression occurs …

Page 718 (1st–3rd printing) *March 19, 2009*
Line 1 in paragraph (6)(c): change *Finish* to *Finnish*
Corrected:
(c) Certain breeds of dogs (e.g., Alaskan malamute, Finnish spitz, miniature

Page 834 (1st–3rd printing) *December 9, 2008*
2nd data column entry for TNCC: change *2.0–9.0* to *0.2–9.0*
4th data column entry for TNCC: change *0.5–10.1* to *1.5–10.1*
Corrected

TNCC ($\times 10^3/\mu L$)	0.8–12.1	0.2–9.0	0.0–4.6	1.5–10.1

Page 834 (1st–3rd printing) *December 9, 2008*
[e] footnote: change *Morley and DesNoyers*[83] to *Parry and Brownlow*[83]
Corrected
[e] *Source*: Parry and Brownlow[83]
(note: Parry and Brownlow referenced Brownlow's MVSc thesis, 1979)

Page 837 (1st–3rd printing) *March 19, 2009*
Fig. 19.2 legend, paragraph 1, line 2: change *transudate* to *transudates*
Corrected:
oncotic pressure. The transudates formed from ….

Page 855 (1st–3rd printing) *March 19, 2009*
Line 1 in E.2. paragraph: replace each *are* with *is*
Corrected:
2. The presence … cells is not unusual in exudates and is also

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Page 856 (1st–3rd printing) *March 19, 2009*
Line 1 in I.C.1.b. paragraph: replace *effusions* with *effusion*
Corrected:
b. Each chylous effusion had ….

Page 864 (1st–3rd printing) *March 19, 2009*
Line 2 in III.B.6. paragraph: remove *diagnostically*
Corrected:
tic cells (Plate 15C). However, it may be ….

Page 868 (1st–3rd printing) *December 9, 2008*
Reference 83: Delete *Morley PS, DesNoyers M. 1992. Diagnosis .. 1517*.
Replace with *Parry BW, Brownlow MA. 1992 …* as shown below
Corrected
83. Parry BW, Brownlow MA. 1992. Peritoneal fluid. In: Cowell RL, Tyler RD, eds. *Cytology and Hematology of the Horse*, 121–151. Goleta, CA: American Veterinary Publications

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Page 877 (1st–3rd printing) *December 9, 2008*
1st column, 3rd line from bottom: Delete *Cl*$^{-}$ and replace with *Cl*$^{-}$
Corrected
Cl^{-}. *See* Chloride

Page 878 (1st–3rd printing) *March 19, 2009*
Misspelling of Coombs': Should be Coombs' test not Combs' test
Corrected:
Coombs' test, 211, 212f

Corrections for 1st, 2nd, 3rd, 4th 5th & 6th printings

Page 8 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph C.4.: change *sample* to *samples*
Corrected:
4. Clinical parasitology: Microscopic … or other samples to

Page 12 (1st–6th printing) *Jan. 14, 2010*

Table 1.5: change spacing of letters and characters in the 2nd & 3rd columns of 5th, 6th & 7th rows to the following:

Corrected:

There is space …	10 %	10%
	37 °C	37°C, 37° C
	15 g/dL	15g/dL

Page 34 (1st–6th printing) *Jan. 14, 2010*

Line 2 in Fig. 1.8 caption: delete *a* between *change* and *heme-reaction*

Corrected:

Samples, the color changes in heme-reaction pads ….

Page 61 (1st–6th printing) *Jan. 14, 2010*

Line 2 in paragraph E.1.c.(2): change *microfilaria* to *microfilariae*

Corrected:

the feathered edge) such as microfilariae, platelet clumps, macrophages,

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Page 98 (1st–6th printing) *Jan. 14, 2010*

Line 2 of page 98: change *T. cruzi* to *Trypanosoma cruzi*

Corrected:

of *Trypanosoma cruzi* and the ….

Page 101 (1st–6th printing) *Jan. 14, 2010*

Line 3 in paragraph V.B.: change to read as follows

Corrected:

were found concurrent with an extreme eosinophilia.

Page 120 (1st–6th printing) *Aug 17, 2010*

Line 1 on page: change *700* to *70*

Corrected:

E: The blood-group systems …, with over 70 known blood-group

Page 122 (1st–6th printing) *Dec. 21, 2011*

Line 2 in paragraph E.7.c.L change *coefficient of variation* to *standard deviation*

Corrected:

the standard deviation of the Hgb concentrations measured …

Page 138 (1st–6th printing) *Jan. 14, 2010*

Line 2 in paragraph D.: add *bluish* between *stain* and *with*

Corrected:

throid cell (reticulocyte) … to stain bluish with a

Page 181 (1st–6th printing) *Jan. 14, 2010*

Line 1 in paragraph B.1.c.(2): change *Wenyonii* to *wenyonii*

Corrected:

(2) *Mycoplasma wenyonii* in cattle

Page 187 (1st–6th printing) *Jan. 14, 2010*
Line 2 in paragraph (5): remove space between *an* and *other*
Corrected:
(5) reticulocytosis, Heinz bodies … (NMB or another vital

Page 199 (1st–6th printing) *Jan. 14, 2010*
Line 2 in paragraph B.3.: change *Hgb* to O_2
Corrected:
saturation with O_2 (SpO_2). Unfortunately, ….

Page 202 (1st–6th printing) *Jan. 14, 2010*
Line 2 in paragraph XI.B.: add a period
Corrected:
(see Plate 2D).

Page 267 (1st–6th printing) *Aug. 17, 2010*
Line 10 above Table 5.3: delete *to, ratio* and extra spaces
Corrected:
IV. Decreased von Willebrand factor antigen (vWF:Ag) (Table 5.3)

Pages 266 to 268 (1st–6th printing) *Aug. 17, 2010*
There are at least 30 corrections needed on these three pages; the corrections consist of removing extra spaces in the presentation of the vWF or FVIII abbreviations:
vWF : Ag should be vWF:Ag
vWF : CBA should be vWF:CBA
FVIII : C should be FVIII:C

Page 287 (1st–6th printing) *Jan. 14, 2010*
Line 4 in paragraph IX.A.: delete space at beginning of line
Corrected:
of vitamin K ….

Page 332 (1st–6th printing) *Aug. 17, 2010*
3rd and 5th lines from bottom: replace *numbers* with *percentages*
Corrected:
5th line: expected to be present in very low percentages.
3rd line: other stromal … in very low percentages. Their percentages may

Page 334 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph 4.b.: change *the* to *that*
Corrected:
b. Samples should be … death so that

Page 373 (1st–6th printing) *Jan. 14, 2010*
Line 4 of page (in paragraph I.A.2.b.): change *C* to *F*
Corrected:
75 °F and by about 0.7 g/dL at 85 °F (Leica ….

Page 402 (1st–6th printing) *Jan. 14, 2010*
Line 2 in paragraph II.A.: delete *an* before *immunoglobulin*
Corrected:
Immunoglobulins, sect. I), immunoglobulin concentrations are ….

Page 409 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph IV.C.3.: change *systemic* to *system*
Corrected:
3. The lymphatic system can ….

Page 445 (1st–6th printing) *Aug. 17, 2010*
Line 3 in Fig. 8.7 caption: change *greater* to *less*
Corrected:
given refractive … urine is less than the …

Page 470 (1st–6th printing) *Jan. 14, 2010*
Line 13 in Table 8.12: add a comma after *degeneration*
Corrected:
*Active renal tubular cell degeneration, inflammation, or …

Page 479 (1st–6th printing) *Jan. 14, 2010*
Line 3 in paragraph C.1.: change the reference numbers from *87-89* to *87, 89, 112*
Corrected:
excreted per day (either mg/d or mg/kg/d).[87, 89, 112]

Page 479 (1st–6th printing) *Jan. 14, 2010*
Line 8 in paragraph C.1.: add reference number 88 at end of sentence.
Corrected:
differences also likely affected the results .[88]

Page 502 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph 2.a.(1): change location of closing parenthesis as follows
Corrected:
(1) Salt poisoning: Cattle with excessive Na^+ (and Cl^-) intake and ….

Page 517 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph b.(1)(b)(ii): delete *a* between *is* and *poorly*
Corrected:
(ii) Lactaturia: Lactate is poorly resorbed ….

Page 519 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph c.(1)(a): change *disease* to *diseases*
Corrected:
(a) Cats with progressive renal diseases that ….

Page 535 (1st–6th printing) *Aug. 17, 2010*
Table 9.11, H^+ row: change 10^{-7} to 10^{-4}
Corrected:

H^+	10^{-4}	PO_4	2.5

Page 540 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph II.D.3.: change *in* to *an*
Corrected:
3. L-lactate concentrations … milk, as an indicator of ….

Page 543 (1st–6th printing) *Jan. 14, 2010*
Line 5 of page, in paragraph IV.A.2.: add *those* at end of line
Corrected:
increased anion gap values. Also, the … less than those

Page 545 (1st–6th printing) *Jan. 14, 2010*
Line 4 in paragraph III.C.2.: add *as* after *use*
Corrected:
for use as a screening ….

Page 547 (1st–6th printing) *Aug. 17, 2010*
Table 9.15, PO_4 row: Change PO_4 to *Pi*
Corrected:

Pi	4 mg/dL	× 0.32	1.3 mmol/L

Explanation: Inorganic phosphorus (Pi) is what is actually measured, not PO_4, but Pi is present in phosphates. A measured Pi concentration of 4 mg/dL would actually be about 12.3 mg/dL of PO_4, and each would contribute about 1.3 mmol/L to osmolarity. The relationship between Pi and PO_4 is as follows: 1 mmol of PO_4 ($M_r \approx 95$) contains approximately 31 mg of phosphorus and 64 mg of oxygen, so 1.3 mmol of PO_4 contains about 40 mg of phosphorus and 83 mg of oxygen. Thus 1.3 mmol/L of PO_4 is 40 mg/L or 4 mg/dL.

Page 561 (1st–6th printing) *Jan. 14, 2010*
Last line on page: change second *[HCO_3^-]* to *[H_2CO_3]*
Corrected:
[H^+] in nmol/L; [HCO_3^-] & [H_2CO_3] in mmol/L; P_{CO_2} in mmHg

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Page 578 (1st–6th printing) *Jan. 14, 2010*
Line 4 in paragraph V.B.3.: change *balance* to *imbalance*
Corrected:
base imbalance remains.

Page 587 (1st–6th printing) *Jan. 14, 2010*
Printed line 2 of page: bold equation label (10.9.c.) should be right-margin justified
Corrected:

SID_4 = … **(10.9c.)**

Page 591 (1st–6th printing) *Jan. 14, 2010*
Line 2 in paragraph VIII.B.: add a comma after *However*
Corrected:

can be calculated (Eq. 10.11c). However, because there are ….

Page 603 (1st–6th printing) *Jan. 14, 2010*
4th line from bottom in Table 11.3: change *hypothermia* to *hyperthermia*
Corrected:

Myopathies: transport tetany, …, malignant hyperthermia,

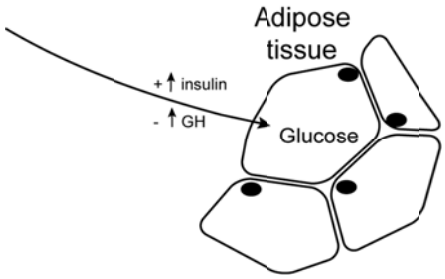
Page 631 (1st–6th printing) *Aug. 17, 2010*
Table 11.10, row of Vitamin D–receptor defect rickets: change second down arrow (↓) to "?[i]"
Corrected:

Vitamin D–receptor defect rickets	↓	?[i]	↑	WRI	↑

Page 652 (1st–6th printing) *Jan. 14, 2010*
4th line from bottom in Table 12.5: The *Toxic* line should be indented to align with *Inflammatory*
Corrected:

Inflammatory
*Infectious: bacterial …
Noninfectious: Theiler's …
Toxic: iron toxicity, …

Page 710 (1st–6th printing) *Aug. 17, 2010*
Fig. 14.1: Replace down-arrow with an up-arrow in front of GH in the Adipose tissue portion
Corrected:



Page 713 (1st–6th printing) *Jan. 14, 2010*
Line 1 in paragraph III.A: delete first *in*
Corrected:

A. As summarized in the …

Page 759 (1st–6th printing) *Jan. 14, 2010*
Line 10, 2nd column in Table 15.10: change *oocytes* to *oocysts*
Corrected:
Fecal flotation test Parasitic ova, oocysts, or

Page 811 (1st–6th printing) *Aug. 17, 2010*
Table 18.3: Change indentions of lines 6 & 7
Corrected:
Atypical primary hypoadrenocorticism (selective cortisol deficiency)
Iatrogenic conditions
*Iatrogenic hyperadrenocorticism[a]
Iatrogenic hypoadrenocorticism[b]
Ketaconazole or trilostane treatment

Page 815 (1st–6th printing) *Aug. 17, 2010*
Line 2 of Equation 18.2a: remove comma to change 7,400 to 7400
Corrected:
48 nmol/L 7.4 nmol cortisol 7400 pmol cortisol

Page 862 (1st–6th printing) *Jan. 14, 2010*
Line 1 in X.A. paragraph: replace *different* with *differentiate*
Corrected:
A. Gram stain is used to differentiate bacteria ….

Page 869 (1st–6th printing) *Aug. 17, 2010*
1st column, 18th line from bottom: Replace HCO_{3-} with HCO_3^-
Corrected
HCO_3^- and, 532

Page 869 (1st–6th printing) *Aug. 17, 2010*
1st column, 4th line from bottom: Replace tCO^2 with tCO_2
Corrected
tCO_2 and, 532

Page 896 (1st–6th printing) *Aug. 17, 2010*
2nd column, 14th line from top: replace Spo_2 with SpO_2 (oxygen represented by a small capital O)
Corrected
Arterial blood by pulse oximetry (SpO_2)

Page 903 (1st–6th printing) *Aug. 17, 2010*
1st column, 21st line from bottom: Replace *an* with *and*
Corrected
sweating and cutaneous loss of, 507

Page 903 (1st–6th printing) *Aug. 17, 2010*

1st column, 12th line from bottom: *Spo_2* with *Spo_2* (oxygen represented by a small capital O)

Corrected

SpO_2. *See* Percent …

Page 903 (1st–6th printing) *Aug. 17, 2010*

2nd column, 22nd line from bottom: Replace *tCO^2* with *tCO_2*

Corrected

tCO_2. *See* Total carbon dioxide
