Content Corrections

*Fundamentals of Veterinary Clinical Pathology, 2nd edition, 2008*

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This listing: December 28, 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.

**********************************************************
**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

Page 225 (1st–3rd printing)  
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)  
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)  
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)  
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)  
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)  
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)  
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)  
Line 6 in paragraph A.3.: change clinical to clinically  
Corrected:   
more recently, some have proteinurias in clinically healthy

Page 483 (1st–3rd printing)  
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)  
Line 2 in (3)(a) paragraph: remove nonabsorbable  
Corrected:   
increased. The presence of these anions in the tubular ....

Page 517 (1st–3rd printing)  
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)  
Lines 3 & 4 in paragraph b.(4): change GLUT4 to GLUT-4  
Corrected:   
... increased. The presence of these anions in the tubular ....

Page 718 (1st–3rd printing)  
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)  
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 (× 10³/μL) | 0.8–12.1 | 0.2–9.0 | 0.0–4.6 | 1.5–10.1 |

Page 834 (1st–3rd printing)  
e footnote: change Morley and DesNoyers83 to Parry and Brownlow83  
Corrected  
e Source: Parry and Brownlow83  
(note: Parry and Brownlow referenced Brownlow’s MVSc thesis, 1979)
Page 837 (1st–3rd printing)  
Fig. 19.2 legend, paragraph 1, line 2: change transudate to transudates  
Corrected:  
oncotic pressure. The transudates formed from ....

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

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

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

Page 868 (1st–3rd printing)  
Replace with Parry BW, Brownlow MA. 1992 ... as shown below  
Corrected:  

Page 877 (1st–3rd printing)  
1st column, 3rd line from bottom: Delete CI and replace with Cl  
Corrected:  
Cl-. See Chloride

Page 878 (1st–3rd printing)  
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)  
Line 1 in paragraph C.4.: change sample to samples  
Corrected:  
4. Clinical parasitology: Microscopic ... or other samples to
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
- 15g/dL 15g/dL

Page 34 (1st–6th printing)
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)
Line 2 in paragraph E.1.c.(2): change microfilaria to microfilariae
Corrected:
- the feathered edge) such as microfilariae, platelet clumps, macrophages,

Page 98 (1st–6th printing)
Line 2 of page 98: change T. cruzi to Trypanosoma cruzi
Corrected:
- of Trypanosoma cruzi and the ....

Page 101 (1st–6th printing)
Line 3 in paragraph V.B.: change to read as follows
Corrected:
- were found concurrent with an extreme eosinophilia.

Page 120 (1st–6th printing)
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)
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)
Line 2 in paragraph D.: add bluish between stain and with
Corrected:
- thyroid cell (reticulocyte) ... to stain bluish with a

Page 181 (1st–6th printing)
Line 1 in paragraph B.1.c.(2): change Wenyonii to wenyonii
Corrected:
- (2) Mycoplasma wenyonii in cattle
Page 187 (1st–6th printing)  
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)  
Line 2 in paragraph B.3.: change Hgb to O₂  
Corrected:  
saturation with O₂ (SpO₂). Unfortunately, ….  

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

Page 267 (1st–6th printing)  
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)  
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)  
Line 4 in paragraph IX.A.: delete space at beginning of line  
Corrected:  
of vitamin K ….  

Page 332 (1st–6th printing)  
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)  
Line 1 in paragraph 4.b.: change the to that  
Corrected:  
b. Samples should be … death so that
Page 373 (1st–6th printing)  
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)  
Line 2 in paragraph II.A.: delete an before immunoglobulin  
Corrected:  
Immunoglobulins, sect. I), immunoglobulin concentrations are ....

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

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

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

Page 479 (1st–6th printing)  
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)  
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)  
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)  
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:  
\begin{align*} 
\text{H}^+ & \quad 10^{-4} \quad \text{PO}_4 & \quad 2.5 
\end{align*}

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, PO4 row: Change PO4 to Pi  
Corrected:  
\begin{align*} 
\text{Pi} & \quad 4 \text{ mg/dL} \times 0.32 & \quad 1.3 \text{ mmol/L} 
\end{align*}

Explanation: Inorganic phosphorus (Pi) is what is actually measured, not PO4, but Pi is present in phosphates. A measured Pi concentration of 4 mg/dL would actually be about 12.3 mg/dL of PO4, and each would contribute about 1.3 mmol/L to osmolarity. The relationship between Pi and PO4 is as follows: 1 mmol of PO4 (M, \approx 95) contains approximately 31 mg of phosphorus and 64 mg of oxygen, so 1.3 mmol of PO4 contains about 40 mg of phosphorus and 83 mg of oxygen. Thus 1.3 mmol/L of PO4 is 40 mg/L or 4 mg/dL.

Page 561 (1st–6th printing)  
Jan. 14, 2010  
Last line on page: change second \([\text{HCO}_3^-]\) to \([\text{H}_2\text{CO}_3]\)  
Corrected:  
\([\text{H}^+]\) in nmol/L; \([\text{HCO}_3^-]\) & \([\text{H}_2\text{CO}_3]\) in mmol/L; \(\text{PCO}_2\) in mmHg

Page 578 (1st–6th printing)  
Jan. 14, 2010  
Line 4 in paragraph V.B.3.: change balance to imbalance  
Corrected:  
base imbalance remains.
FVCP 2nd Content Corrections

Printed line 2 of page: bold equation label (10.9.c.) should be right-margin justified
Corrected:
\[ \text{SID}_4 = \ldots \]  (10.9c.)

Line 2 in paragraph VIII.B.: add a comma after However
Corrected:
can be calculated (Eq. 10.11c). However, because there are …

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 (\(\downarrow\)) to “?”
Corrected:
\[ \text{Vitamin D–receptor defect rickets} \downarrow \text{?} \uparrow \text{WRI} \uparrow \]

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:

Line 1 in paragraph III.A: delete first in
Corrected:
A. As summarized in the …
Page 759 (1st–6th printing)  
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)  
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)  
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)  
Line 1 in X.A. paragraph: replace different with differentiate  
Corrected:  
A. Gram stain is used to differentiate bacteria ....

Page 869 (1st–6th printing)  
1st column, 18th line from bottom: Replace HCO₃⁻ with HCO₃⁻  
Corrected:  
HCO₃⁻ and, 532

Page 869 (1st–6th printing)  
1st column, 4th line from bottom: Replace tCO₂ with tCO₂  
Corrected:  
tCO₂ and, 532

Page 896 (1st–6th printing)  
2nd column, 14th line from top: replace Spo₂ with SpO₂  
(oxygen represented by a small capital O)  
Corrected:  
Arterial blood by pulse oximetry (SpO₂)

Page 903 (1st–6th printing)  
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: Spo2 with SpO2 (oxygen represented by a small capital O)
Corrected
   SpO2. See Percent ...

Page 903 (1st–6th printing) Aug. 17, 2010
2nd column, 22nd line from bottom: Replace tCO2 with tCO2
Corrected
   tCO2. See Total carbon dioxide