

From appetite to rear-end and everything in between!



Dr. Wendy Blount's

"Practical"

# Gastroenterology

S E M I N A R



17 CE Hrs.~ETVMA approved

September 9 & 10, 2017

## Table Of Contents

### In Front of Tabs

Table of Contents	-----	-----	-----	-----	-----	-----	2 pages
List of Abbreviations	-----	-----	-----	-----	-----	-----	9 pages

### Section 1: Vomiting

**Red Tab**

<b>PowerPoint Slides</b>							29 pages
Introduction	-----	-----	-----	-----	-----	-----	1-2
Causes of Vomiting	-----	-----	-----	-----	-----	-----	3-15, 16, 20, 28
Distal Esophageal Disease	-----						4
Case: Mandy - Duodenal GIST							4-6
Gastric Disease	-----	-----					6-8
Slow Bowls	-----	-----					6-7
<i>Helicobacter</i> gastritis	-----						8
Cases: Lady and Baylor - Chronic GDV							9
Intestinal & Colon Disease	-----						10
Liver & Biliary Tract	-----	-----					10-11
Abdominal Disease	-----	-----					11
Neurologic Disease	-----	-----					12
Systemic Disease	-----	-----					12-13
Renal Failure							13
NSAID Toxicity							13
Corticosteroid Toxicity							13
Case: Bull Dog - Mucosal Hypertrophy							13-15
Environmental Causes of Vomiting							15
<i>Physaloptera</i>							16
Motility Disorder							20
Dysautonomia							28
Working Up the Vomiting Patient	-----	-----					16-20
Empirical Treatment	-----	-----					16
Clues in Signalment	-----	-----					16
Clues in History	-----	-----					17
Step-Wise Diagnostic Plan	-----						17
Clues in Minimum Database							17
TAMU GI Lab Tests	-----	-----					18
Case - MacDuff - Gastric Carcinoma							18-19
Barium Studies	-----	-----					19-20

## Table Of Contents, p. 2

### Section 1: Vomiting (cont'd)

**Red Tab**

<b>PowerPoint Slides (cont'd)</b>	<b>29 pages</b>
Endoscopy	20
Hematemesis	21-22
Case: Nubbin Wayne - Leiomyosarcoma	22-24
GI Drugs	24-26
H2 Blockers, Proton Pump Inhibitors	24
Antiemetics	25-26
Prokinetics, cytoprotective agents, Mucosal protective agents	26
Case: Zoey - Dysautonomia	26-27
Summary & Acknowledgements	29
<b>Labortary Information</b>	<b>2 pages</b>
Lab Info - TAMU GI Lab Form	1 page
Lab Info - TAMU GI Lab - Discount Shipping Information	1 page
<b>Scientific Articles</b>	<b>12 pages</b>
Article - ACVIM Consensus Statement on HLOs (Helicobacter Like Organisms)	5 pages
Article - Canine Pseudo-obstruction	7 pages
<b>Vet Diagnostic and Treatment Aids</b>	<b>3 pages</b>
Vet Handout - Protocol for the Vomiting Pet	3 pages
<b>Client Information Handouts</b>	<b>18 pages</b>
Client Info - Diaphragmatic Hernia	3 pages
Client Info - Endoscopy	3 pages
Client Info - Gastric Dilatation & Volvulus	4 pages
Client Info - Hemorrhagic Gastroenteritis	2 pages
Client Info - Vomiting Cats	3 pages
Client Info - Vomiting Dogs	3 pages
<b>Client Drug Information Handouts</b>	<b>21 pages</b>
Drug Handout - Amoxicillin	1 page
Drug Handout - Oral Antacids	1 page
Drug Handout - Bethanecol	1 page
Drug Handout - Bisacodyl	1 page
Drug Handout - Bismuth subsalicylate	1 page
Drug Handout - Chlorpromazine	1 page
Drug Handout - Cimetidine	1 page
Drug Handout - Cisapride	1 page
Drug Handout - Dimenhydrinate	1 page
Drug Handout - Erythromycin	1 page
Drug Handout - Famotidine	1 page
Drug Handout - Fenbendazole	1 page
Drug Handout - Maripotant	1 page
Drug Handout - Metoclopramide	1 page
Drug Handout - Metronidazole	1 page
Drug Handout - Omeprazole	1 page
Drug Handout - Praziquantel	1 page
Drug Handout - Pyrantel pamoate	1 page
Drug Handout - Ranitidine	1 page
Drug Handout - Sucralfate	1 page
Drug Handout - Tetracycline	1 page

## Table Of Contents, p. 3

### Section 1: Vomiting (cont'd)

**Red Tab**

<b>Short Stories</b>	5 pages
The Story of Bull Dog - A Lesson in Forgiveness	5 pages
<b>Web Resources - Videos</b>	<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
Video - Ultrasound - AFAST Thickened Stomach	-----
Video - Kyjen Slow Bowls	-----
Video - Buster Maze Slow Bowl	-----
Video - Physaloptera Gastroscopy	-----
Video - Ultrasound - Normal Pylorus and Proximal Duodenum	-----
Video - Ultrasound - Intestinal Mass	-----
Video - Ultrasound - Normal Small Intestine	-----
Video - Ultrasound - VetBLUE Nodule	-----

### Section 2: Megaesophagus

**White Tab**

<b>PowerPoint Slides</b>	20 pages
Cats vs. Dogs	----- 1
Definition	----- 1
Etiology	----- 1-9
Localized Megaesophagus	----- 1-7
Stricture & Foreign Body	1-3
Case: Gigi Foreign Body	2
<i>Spirocerca Lupi</i>	----- 3-4
Persistent Right Aortic Arch (PRAA)	4-6
Case: Shelter Dog PRAA	4-6
Neoplasia	----- 6
Case: Esophageal Diverticulum	6
Esophageal diverticulum	6-7
Generalized Megaesophagus	----- 7-9
Myasthenia Gravis	----- 7-8
Esophagitis	----- 7
Case: Oreo MG in a Cat	7
Polyneuropathy	----- 8
Distinguishing Vomiting, Regurgitation, Coughing	----- 9
Pattern Recognition - C	----- 10
Diagnostics	----- 10-13
Radiographs, with contrast	----- 10-11
Fluoroscopy	----- 12
Minimum Database	----- 12
Thyroid Panel, ACTH Stim, MG Titer	13
Ancillary Tests	----- 13
Treatment	----- 13-17
Feeding Practices	----- 13-15
Gastrostomy	----- 16
Prokinetics	----- 16
Aspiration Pneumonia	----- 16
Esophagitis	----- 16
Underlying Cause	----- 16

## Table Of Contents, p. 4

<b>Section 2: Megaesophagus (cont'd)</b>	<b>White Tab</b>
<b>PowerPoint Slides (cont'd)</b>	20 pages
Immunosuppression ----- 17	
Prognosis ----- 17	
Case: Enya - Esophagitis ----- 17-18	
Case: Agustus Hiatal Hernia ----- 18-19	
Summary & Acknowledgements ----- 19-20	
<b>Labortary Information</b>	3 pages
Lab Info - TAMU GI Lab Endocrinology Tests ----- 1 page	
Lab Info - TAMU GI Lab - Discount Shipping Information ----- see Red Section	
Lab Info - Comparative Neuromuscular Laboratory ----- 2 pages	
<b>Vet Diagnostic and Treatment Aids</b>	5 pages
Vet Handout - Adrenal Testing ----- 5 pages	
Dogs ----- 1-4	
ACTH Stimulation Test ----- 1-2	
Low Dose Dexamethasone Test ----- 2-3	
High Dose Dexamethasone Test ----- 3	
Urine Cortisol:Creatinine ----- 3	
Resting Cortisol ----- 3-4	
Abdominal Ultrasound ----- 4	
Endogenous ACTH ----- 4	
Cats ----- 4-5	
Low Dose Dexamethasone Test ----- 4	
High Dose Dexamethasone Test ----- 4-5	
ACTH Stimulation Test ----- 5	
<b>Client Information Handouts</b>	13 pages
Client Info - Hiatal Hernia ----- 2 pages	
Client Info - Canine Megaesophagus ----- 6 pages	
Client Info - Myasthenia Gravis ----- 5 pages	
<b>Client Drug Information Handouts</b>	7 pages
Drug Handout - Azathioprine ----- 1 page	
Drug Handout - Bethanecol ----- 1 page	
Drug Handout - Cimetidine ----- see Red Section	
Drug Handout - Cisapride ----- see Red Section	
Drug Handout - DOCP ----- 1 page	
Drug Handout - Famotidine ----- see Red Section	
Drug Handout - Fludrocortisone ----- 1 page	
Drug Handout - Metoclopramide ----- see Red Section	
Drug Handout - Omeprazole ----- see Red Section	
Drug Handout - Prednisone ----- 2 pages	
Drug Handout - Pyridostigmine ----- 1 page	
Drug Handout - Ranitidine ----- see Red Section	
Drug Handout - Sucralfate ----- see Red Section	
<b>Section 3: Gastrointestinal Microbiota</b>	<b>Blue Tab</b>
PowerPoint - New Approaches to Diagnosing Dysbiosis	21 pages
PowerPoint - Fecal Microbiota Transplant	21 pages

## Table Of Contents, p. 5

### Section 3: Gastrointestinal Microbiota (Cont'd) Blue Tab

<b>Laboratory Information</b>	18 pages
Lab Info - TAMU GI Lab - Canine Microbiota Dysbiosis Index	2 pages
Lab Info - TAMU GI Lab Form	see Red Section
Lab Info - TAMU GI Lab - Discount Shipping Information	see Red Section
<b>Scientific Articles</b>	6 pages
Article - Fecal Microbiota Transplant	<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
Article - Importance of Gut Microbiota	6 pages
Article - Feline Chronic Diarrhea Probiotics Trail	12 pages
Article - Nutramax - Probiotics and Dysbiosis	4 pages
Article - Diagnosing Dysbiosis	8 pages
Abstract - Feline Clindamycin ProViable Trail	1 page
<b>Sponsor Information</b>	2 pages
Vet Brochure - Nutramax - ProViable®	2 pages

### Section 4: Liver Disease Orange Tab

<b>PowerPoint Slides</b>	28 pages
Elevated Liver Enzymes in the Cat	1
Elevated Liver Enzymes in the Well Pet	1
Causes of F Reactive Hepatopathy	2
Pattern Recognition - Liver Disease	2
Pattern Recognition - Canine Liver Ezymes	2-3
Liver Diease with Normal Enzymes	3
Diagnostics	3-4
Bile Acids	3
Ammonia	3-4
Adrenal Testing	4
Liver Aspiration Cytology	4
Chronic Liver Disease	4-14
Differential Diagnosis	4
Treatment	4
Case: Diego - Microvascular Dysplasia	5-6
Portasystemic Shunt	6-8
Microvascular Dysplasia	7
Surgery	7
Histopathology	8
Hepatic Encephalopathy	8
Nutrition for Liver Disease	9
Antibiotics for Liver Disease	9
Case: Pockets - Chronic Inflammatory Liver Disease	9-12
Chronic Inflammatory Liver Disease	12-13
Feline Cholangiohepatitis	14
Gall Bladder Aspiration	14
Acute Liver Failure	15-23
Differential Diagnosis	14
Case: Benzer - Acute Necrotizing Hepatitis	15-17
Bicarbonate Therapy	16-17
Icterus	17-18
Acute Liver Failure	18

## Table Of Contents, p. 6

### Section 4: Liver Disease (cont'd)

**Orange Tab**

<b>PowerPoint Slides (cont'd)</b>					28 pages
Hepatotoxins	-----	-----	-----	-----	18
Case: Sebastian - Cholecystitis	-----	-----	-----	-----	18-23
Why Liver Patients Crash	-----	-----	-----	-----	23
Liver and Coagulopathy	-----	-----	-----	-----	23
Hepatic Lipidosis	-----	-----	-----	-----	24-25
Case: Popcorn - Cirrhosis	-----	-----	-----	-----	25-27
Summary & Acknowledgments	-----	-----	-----	-----	27-28
<b>Vet Diagnostic &amp; Treatment Aids</b>					6 pages
Vet Handout - Adrenal Testing	-----	-----	-----	-----	see White Section
Vet Handout - Bicarbonate Administration	-----	-----	-----	-----	3 pages
Vet Handout - Fluid Analysis Diagnostic Chart	-----	-----	-----	-----	1 page
Idexx-Interpretation of In House Bile Acids	-----	-----	-----	-----	1 page
Vet Handout - IV Potassium Supplementation Chart	-----	-----	-----	-----	1 page
<b>Client Information Handouts</b>					16 pages
Client Info - Cholangiohepatitis	-----	-----	-----	-----	2 pages
Client Info - Chronic Liver Disease	-----	-----	-----	-----	5 pages
Client Info - Feline Fatty Liver	-----	-----	-----	-----	3 pages
Client Info - Icterus	-----	-----	-----	-----	3 pages
Client Info - Portasystemic Shunts	-----	-----	-----	-----	3 pages
<b>Drug Handouts</b>					27 pages
Drug Handout - Amoxicillin	-----	-----	-----	-----	see Red Section
Drug Handout - Carnitine	-----	-----	-----	-----	1 page
Drug Handout - Colchicine	-----	-----	-----	-----	1 page
Drug Handout - Cyproheptadine	-----	-----	-----	-----	1 page
Drug Handout - Furosemide	-----	-----	-----	-----	2 pages
Drug Handout - Lactulose	-----	-----	-----	-----	2 pages
Drug Handout - Levetiracetam	-----	-----	-----	-----	1 page
Drug Handout - Maripotant	-----	-----	-----	-----	see Red Section
Drug Handout - Metronidazole	-----	-----	-----	-----	see Red Section
Drug Handout - Milk Thistle	-----	-----	-----	-----	10 pages
Drug Handout - SAME	-----	-----	-----	-----	3 pages
Drug Handout - Spironolactone	-----	-----	-----	-----	2 pages
Drug Handout - Taurine	-----	-----	-----	-----	1 page
Drug Handout - Ursodiol	-----	-----	-----	-----	2 pages
Drug Handout - Zonisamide	-----	-----	-----	-----	1 page
<b>Sponsor Information</b>					14 pages
Package Insert - Denamarin	-----	-----	-----	-----	2 pages
Package Insert - Denamarin Chewable	-----	-----	-----	-----	2 pages
Package Insert - Denosyl	-----	-----	-----	-----	2 pages
Package Insert - Denosyl Chewable	-----	-----	-----	-----	2 pages
Vet Brochure - Denamarin	-----	-----	-----	-----	2 pages
Vet Info - Research and Use of Denamarin	-----	-----	-----	-----	4 pages
<b>Web Resources - Calculators</b>					<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
IV Fluid Rate Calculator	-----	-----	-----	-----	-----
Percent Calories Food Calculator	-----	-----	-----	-----	-----

# Table Of Contents, p. 7

## Section 5: Pancreatitis

## Yellow Tab

<b>PowerPoint Slides</b>	<b>22 pages</b>
Acute vs. Chronic Pancreatitis	1
Predispositons	1-3
Common Concurrent Diseases	3
Most Common Clinical Signs	3-4
Other Clinical Signs	4
Sequellae	4
Diagnosis	5-12
CBC, Routine Serology	5
TAMU GI Lab Tests	5-6
Idexx SNAP cPL	6
Urinalysis, Coag Tests, Electrolytes	7
Abdominal Ultrasound	7-9
Radiographs	9-10
Abdominocentesis	11
Diagnostic Surgery	11-12
Treatment	12-16
Fluid Therapy	13
Case - Flop	13-14
Colloids, Antibiotics	14
Analgesia, Antioxidants	15
Heparin, Antiemetics	15
B vitamins, Antacids	15
Calcium, Bicarbonate	16
Surgery, Dewormers	16
Dopamine, Pancreatic Enzymes	16
Peritoneal Dialysis	16
Monitoring	16-17
Nutrition for Canine Pancreatitis	18
Glucocorticoids for Feline Pancreatitis	19
Nutrition for Feline Pancreatitis	19
Prognosis	19-20
Canine Pancreatitis	19
Feline Pancreatitis	20
Indicators of Poor Prognosis	20
Summary & Acknowledgements	22
<b>Laboratory Information</b>	<b>6 pages</b>
Lab Info - Cornell Comparative Coags Lab - Blood Draw Guidelines	2 pages
Lab Info - Cornell Comparative Coag Lab - Submission Form	1 page
Lab Info - Cornell Comparative Coag Lab - Sampling Instructions	2 pages
Lab Info - Cornell Comparative Coag Lab - Credit Card Payment Fax Form	1 page
Lab Info - Cornell Comparative Coag Lab - Printable Sample Labels	1 page
Lab Info - Cornell Comparative Coag Lab - Specimen Shipping Instructions	7 pages
Lab Info - Cornell Comparative Coag Lab - List of Tests and Prices	2 pages
Lab Info - Cornell Comparative Coag Lab - Printable Class B Specimen Package Label	2 pages
<b>Scientific Articles</b>	<b>7 pages</b>
Article - JAVIM - Oral B12 Supplementation	7 pages

## Table Of Contents, p. 8

Section 5: Pancreatitis (cont'd)	Yellow Tab
<b>Diagnostic and Treatment Aids</b>	33 pages
Vet Handout - Bicarbonate Administration	see Orange Section
Vet Handout - Cat Food Content	<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
Vet Handout - Fluid Analysis Diagnostic Chart	see Orange Section
Vet Handout - Diagnosing & Treating Hyperlipidemia	3 pages
Vet Handout - IV Potassium Supplementation Chart	see Orange Section
<b>Client Handouts</b>	6 pages
Client Info - Canine Pancreatitis	3 pages
Client Info - Feline Pancreatitis	3 pages
<b>Drug Handouts</b>	17 pages
Drug Handout - Buprenorphine	1 page
Drug Handout - Clopidrogel	1 page
Drug Handout - Fish Oil	8 pages
Drug Handout - Maripotant	see Red Section
Drug Handout - Milk Thistle	see Orange Section
Drug Handout - Mirtazapine	2 pages
Drug Handout - SAME	see Orange Section
Drug Handout - Subcutaneous Fluid Administration	5 pages
<b>Sponsor Information</b>	5 pages
Package Insert - Denamarin	see Orange Section
Package Insert - Denamarin Chewable	see Orange Section
Package Insert - Denosyl	see Orange Section
Package Insert - Denosyl Chewable	see Orange Section
Package Insert - Welactin	2 pages
Vet Brochure - Cobalequin	3 pages
Vet Brochure - Denamarin	see Orange Section
Vet Info - Research and Use of Denamarin	see Orange Section
<b>Videos</b>	<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
Ultrasound - Duodenum - Normla Peristalsis	
Ultrasound - Duodenum - Corrugation	
Ultrasound - Gall Bladder - Organized Sludge	
Ultrasound - Pancreas - Normal Body	
Ultrasound - Pancreas - Normal Left Limb	
<b>Web Resources - Calculators</b>	<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
IV Fluid Rate Calculator	
Percent Calories Food Calculator	

Section 6: Feeding Tubes & Liver FNA Cytology	Green Tab
<b>PowerPoint Slides - Feeding Tubes</b>	23 pages
Enteral vs. Parenteral Feeding	1
Nasoesophageal Feeding Tubes	1-2
Pharyngostomy Tubes	2
Esophagostomy Tubes	3-10
Gastrostomy Tubes	10-20
General Info	10-11
Eld Device Placement	12-16
Securing the Tube	17



## Table Of Contents, p. 9

### Section 6: Feeding Tubes & Liver FNA Cytology (cont'd) Green Tab

<b>PowerPoint Slides - Feeding Tubes (cont'd)</b>				23 pages
Bandaging the Tube	-----	-----	17-18	
Removing the Tube	-----	-----	18-19	
PEG Tubes	-----	-----	19	
Surgical Placement	-----	-----	19-20	
Jejunostomy	-----	-----	-----	20
Managing Feeding Tubes	-----	-----	-----	20-22
Summary & Acknowledgements	-----	-----	-----	22-23
<b>PowerPoint Slides - Liver FNA Cytology</b>				3 pages
Pre-Sampling Labwork	-----	-----	-----	1
Supplies & Tips	-----	-----	-----	2-Jan
FNA vs. Core Biopsy	-----	-----	-----	2
Technique & Risk of Bleeding	-----	-----	-----	3
Summary & Acknowledgements	-----	-----	-----	3
<b>Scientific Article</b>				3 pages
Liver Cytology	-----	-----	-----	-----
<b>Vet Diagnostic and Treatment Aids</b>				18 pages
Vet Handout - Nasoesophageal Tube Placement	-----	-----	-----	2 pages
Vet Handout - Placement of PEG (Endoscope) Tubes and Jejunostomy tubes	-----	-----	-----	5 pages
Vet Handout - Surgical Placement of Gastrostomy Tubes	-----	-----	-----	3 pages
Vet Handout - Tube Feeding Instructions	-----	-----	-----	2 pages
Vet Handout - Tube Feeding Diets	-----	-----	-----	6 pages
<b>Client Handouts</b>				10 pages
Client Info - Esophagostomy Tube Feeding	-----	-----	-----	2 pages
Client Info - Gastrostomy Tube Feeding	-----	-----	-----	3 pages
Client Info - Instructions for Tube Feeding	-----	-----	-----	1 page
Client Info - Tube Feeding Your Pet	-----	-----	-----	4 pages
<b>Dry Lab Instructions</b>				10 pages
Esophagostomy Tube Placement	-----	-----	-----	3 pages
Gastrostomy Tube Placement	-----	-----	-----	5 pages
Liver Aspiration Cytology	-----	-----	-----	2 pages
<b>Videos</b>				<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>
Esophagostomy Tube Placement	-----	-----	-----	-----
Nasoesophageal Tube Placement	-----	-----	-----	-----
Esophagostomy Kitty Kollar Care	-----	-----	-----	-----
Replacing a damaged Esophagostomy Tube	-----	-----	-----	-----
<b>Sponsor Information</b>				1 page
Jorvet - Kitty Kollar	-----	-----	-----	1 page
Video - Esophagostomy Kitty Kollar Care	-----	-----	-----	<a href="http://wendyblount.com/gastroenterology.php">http://wendyblount.com/gastroenterology.php</a>

### Section 7: Intestinal Disease Pink Tab

<b>PowerPoint Slides - Diarrhea</b>				17 pages
Introduction	-----	-----	-----	1
Diagnostics	-----	-----	-----	1-2
Symptoms - Large vs Small Bowel	-----	-----	-----	2
Empirical Treatment	-----	-----	-----	3
Inflammatory Bowel Disease	-----	-----	-----	6-8
Boxer Colitis	-----	-----	-----	9

## Table Of Contents, p. 10

Section 7: Intestinal Disease (cont'd)	Pink Tab
<b>PowerPoint Slides - Diarrhea (cont'd)</b>	17 pages
Antibiotic Responsive Diarrhea	12
Hemorrhagic Gastroenteritis (see also Vomiting)	12
Probiotics	12-13
Fecal Transplantation	13
Feline Hairballs	13
Cats are Carnivores	13-14
Feline Triaditis	14
Feline Megacolon	15
Feline GI Lymphoma	15-16
APUDoma	16
Case: Benji Boy - <i>Hepatozoon</i>	3-5
Case: Waddles - Traumatic Diaphragmatic Hernia	9-10
Case: Inky - Peritoneopericardial Diaphragmatic Hernia	10-11
Handout Summary & Acknowledgements	16-17
<b>Laboratory Information</b>	16 pages
CSU Clinical Immunology Submission Form	1 page
CSU Lymphoma Diagnostic Guide	7 pages
FISH Analysis Credit Card Form	1 page
FISH Analysis Submission Form	1 page
Auburn Molecular Diagnostics Submission Form	1 page
Mira Vista Diagnostics Test Menu	2 pages
Mira Vista Diagnostics Submission Form	1 page
Auburn PCR Submission Kit	2 pages
<b>Diagnostic Aid - Purina Fecal Scoring</b>	2 pages
Purina Fecal Scoring System	1 page
CIBDAI - Canine Inflammatory Bowel Disease Activity Index	1 page
<b>Client Handouts</b>	29 pages
Antibiotic Responsive Diarrhea	2 pages
Campylobacter	2 pages
Colitis	2 pages
<b>Section 7: Intestinal Disease (cont'd)</b>	<b>Pink Tab</b>
<b>Client Handouts (cont'd)</b>	29 pages
Constipation & Megacolon in Cats	3 pages
Coronavirus	1 page
Diarrhea	2 pages
Exocrine Pancreatic Insufficiency	2 pages
Flatulence	2 pages
Giardia	1 page
Hemorrhagic Gastroenteritis	see Red Section 1 - Vomiting
Inflammatory Bowel Disease	5 pages
Administering Drugs by Injection	1 page
Parasites	2 pages
Protein Losing Enteropathies	4 pages
<b>Drug Handouts</b>	14 pages
Administering Drugs by Injection	1 page
Amoxicillin	see Red Section 1 - Vomiting
Antidiarrheals	2 pages

CCNU	-----	-----	-----	-----	2 pages
Chlorambucil	-----	-----	-----	-----	1 page
Cyclosporine	-----	-----	-----	-----	2 pages
Enrofloxacin	-----	-----	-----	-----	1 page
Fenbendazole	-----	-----	-----	-----	see Red Section 1 - Vomiting
Metronidazole	-----	-----	-----	-----	see Red Section 1 - Vomiting
Opiate Antidiarrheals	-----	-----	-----	-----	2 pages
Praziquantel	-----	-----	-----	-----	see Red Section 1 - Vomiting
Pyrantel pamoate	-----	-----	-----	-----	see Red Section 1 - Vomiting
Sulfasalazine	-----	-----	-----	-----	2 pages
Tylosin	-----	-----	-----	-----	1 page

## Section 8: The Acute Abdomen

**Gold Tab**

### PowerPoint Slides ----- 10 pages

Differential Diagnosis	-----	-----	-----	-----	1-2
Assessment of Collapse	-----	-----	-----	-----	2-4
Quick Assessment Tests	-----	-----	-----	-----	3-4
Fluid Therapy	-----	-----	-----	-----	4-5
Ascites	-----	-----	-----	-----	5
History	-----	-----	-----	-----	5-6
Physical exam	-----	-----	-----	-----	6-8
In House Diagnostics	-----	-----	-----	-----	8
Drug Therapy	-----	-----	-----	-----	9
Imaging	-----	-----	-----	-----	9-10
Handout Summary	-----	-----	-----	-----	10

### Diagnostic Handouts ----- 19 pages

Coagulopathy Diagnostic Chart	-----	-----	-----	-----	2 pages
Arrhythmia Treatment	-----	-----	-----	-----	1 page
Antiarrhythmic Drugs	-----	-----	-----	-----	1 page
Arrhythmia Diagnostic Chart	-----	-----	-----	-----	2 pages

## Section 8: The Acute Abdomen (cont'd)

**Gold Tab**

### Diagnostic Handouts ( ----- 19 pages

CPR Drugs	-----	-----	-----	-----	1 page
CPR Flow Sheet	-----	-----	-----	-----	1 page
Emergency Evaluation Cat	-----	-----	-----	-----	2 pages
Emergency Evaluation Dog	-----	-----	-----	-----	2 pages
Evaluating Blood Pressure in Dogs and Cats	-----	-----	-----	-----	7 pages