

Additional Instructions / Remarks:

All antibiotics may cause colitis, diarrhea. If Dallas should develop loose stools, stop feed or develop cow patty consistency feces discontinue medications and call Tuskegee 727-8461. (Naxcel and Sulfatrim are usually the antibiotics that may cause GI symptoms). Dallas should be confined in a small turnout well ventilated area with shelter away from ^{other} horses. (The organism cultured is known to cause strangles - she may be a shedder) - (strep equi). All utensils and feeding and watering containers should be separated from other horses and disinfected daily. NO FORCED EXERCISE

She has a fungal culture pending - results may take up to 4-6 wks you will be notified as soon as they become available. Ventral flank hernia does not require surgery at this time. However, should she colic or the hernia get larger please call for re-evaluation.

History & Clinical signs

Coughing, sneezing.

Specimens

Received about 2.5 ml of transtracheal wash.

Descriptive cytology

Stained direct smears revealed a specimen containing increased amounts of mucus mixed with massive populations of inflammatory cells predominated overwhelmingly by neutrophils. Numerous coccobacillary bacteria were present, mostly as microcolonies. A few streptococci were encountered. Several pieces of septate fungal hyphae were found. Several had swollen terminal ends shaped like bowling pins, compatible with *Aspergillus* sp. A few hyperplastic epithelial cells were encountered.

Diagnostic opinion

Bacterial and fungal pneumonia.

Specimen Type: Tracheal Wash

Specimen Source:

Date and time Collected: 9/24/08

Date Submitted:

Attending Clinician: Dr. Bellamy

Intern/Student:

Pathologist:

Intern/Student

History:

Clinical Diagnosis:

Treatment:

Vaccination:

Service Required:

Bacterial Culture: Aer. An. Susceptibility Test Fungal Culture:

Others:

Results:

Bacterial ID: **Streptococcus equi**

Fungal ID:

Antibiotic Sensitivity Results:

Sensitive: Chloramphenicol, Tetracyclin, Erythromycin, Gentamycin, Kanamycin, Sulfa/Trimeth., Ampicillin.

Intermediate:

Resistant: Ciprofloxacin, Amikacin.

D/T DRAWN: 09/30/08 13:30 BY:

D/T ENTERED: 09/30/08 14:36
COMMENT:

ACCESSION: 286

| TEST | RESULT | NORMAL RANGE | LLI | NORMAL | IHH | UNITS |
|--------|--------|--------------|-----|--------|-----|--------|
| CK | 254. | 65. - 276. | [| * |] | U/L |
| SGT | 16. | 11. - 26. | [| * |] | U/L |
| ALP | 169. H | 58. - 140. | [| |]* | U/L |
| AST | 266. | 170. - 345. | [| * |] | U/L |
| TP | 6.5 | 5.6 - 8.0 | [| * |] | g/dL |
| PHOS | 4.4 | 2.4 - 4.8 | [| | *] | mg/dL |
| GLU | 95. | 72. - 132. | [| * |] | mg/dL |
| MG | 1.8 | 1.4 - 2.3 | [| * |] | mg/dL |
| CO2_LC | 26.0 | 26.0 - 33.0 | [* | |] | mEq/L |
| TBILI | 1.5 | 0.2 - 3.1 | [| * |] | mg/dL |
| BUN | 11. | 11. - 24. | [* | |] | mg/dL |
| CREAT | 1.2 | 0.9 - 1.8 | [| * |] | mg/dL |
| NA | 139. | 136. - 143. | [| * |] | mmol/L |
| K | 3.0 | 2.6 - 4.9 | [| * |] | mmol/L |
| CL | 103. | 97. - 105. | [| | *] | mmol/L |
| CA | 11.3 | 11.0 - 13.6 | [| * |] | mg/dL |
| ALB | 3.3 | 3.0 - 4.0 | [| * |] | g/dL |
| DBILI | 0.6 | | | | | mg/dL |

H=HIGH NORMAL

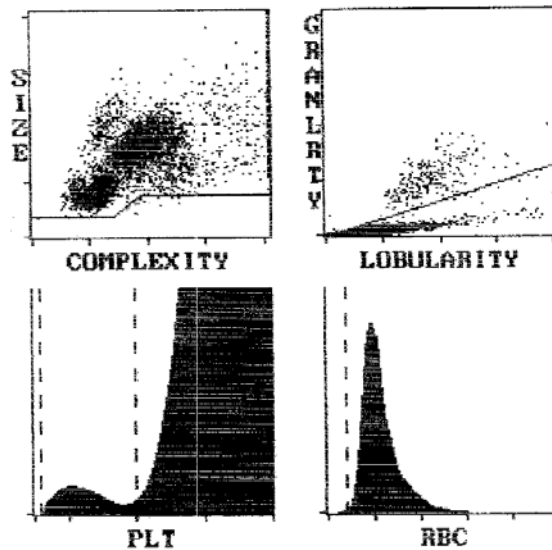
Param: 1 Limits: 1

SUSPECT

WBC 7.89 K/uL (WOC)
 NEU 4.60 58.2 %N
 LYM 2.53 32.1 %L
 MONO .341 4.32 %M NRBC
 EOS .411 5.20 %E
 BASO .010 .121 %B DFLT (NLMBB)

RBC 7.30 M/uL
 HGB 12.7 g/dL
 HCT 35.9 %
 MCV 49.2 fL
 MCH 17.4 pg
 MCHC 35.4 g/dL
 RDW 23.4 %

PLT 122. K/uL
 MPV fL



| | | | |
|-----------------|----------------------|----------------|---------------|
| WBC 6.00-12.0 | PATIENT LIMITS SET 1 | RBC 6.00-8.20 | PLT 100.-600. |
| NEU 3.00-6.00 | 30.0-75.0 %N | HGB 10.0-18.0 | MPV 0.00-99.9 |
| LYM 1.50-5.00 | 25.0-60.0 %L | HCT 32.0-48.0 | |
| MONO 0.00-1.00 | 1.00-8.00 %M | MCV 34.0-58.0 | |
| EOS 0.00-1.00 | 1.00-10.0 %E | MCH 13.0-19.0 | |
| BASO 0.00-0.300 | 0.00-3.00 %B | MCHC 31.0-37.0 | |
| | | RDW 11.6-14.8 | |

| MANUAL DIFFERENTIAL | | RBC MORPHOLOGY | |
|--|---------|----------------|----------|
| NEU 68 | METAP | <u>NORMAL</u> | MICRO |
| BAND | MYELO | PLTCHROM | MACRO |
| LYMPH 27 | PRO | HYPOCHROM | ANISO |
| MONO 2 | BLAST | FOIK | BASOSTIP |
| EOSIN 3 | VAR LYM | TARGET | |
| BASO | TOXGRAN | SPHERO | NRBC |
| COMMENT - few hypersegmented neutrophils | | | |
| DIFF BY 4am | | DATE 9-30-06 | |