



Policies, Procedures, and Protocols

Title: Biosecurity Protocol	Original Date:	3/2/2019
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Approved by: Mary Minkoff

**Title: Director of
Communication, Quality
Assurance and Safety**

Date: 9/27/2020

Purpose	A Set of Practices Intended to Prevent the Introduction and Minimize the Spread of Infectious Disease Agents in Sunshine Horses Equine Population
Content	<p>-Practice of Proactive Preventative Techniques in day to day Operations with Biosecurity practices instead of focusing on outbreak management. This will help to minimize the likelihood of a disease outbreak and make it easier to contain with minimal disruption and expense.</p> <p>Set of measures aimed at preventing the introduction and spread of harmful organisms and to minimize the risk of transmission of infectious diseases among our Equines.</p> <p>-The Key Personnel involved in the Communication of the signs of the initial disease are members of the Equine Care Committee overseeing the day to day wellbeing of Sunshine Horses, notifying North Country Veterinary Services of symptoms and receiving instructions from them, as well as the Board of Directors.</p> <p>-Routine Requirements=Equine Health Monitoring</p> <p>1-Refusing entry of Equines showing any clinical signs of disease prior to arrival and at time of arrival.</p> <p>2-Any horse from the kill-pen will be quarantined off the site for at least 4 weeks and will have 2 negative strangles tests performed prior to admission to Sunshine. Document all vaccines and date given from past history.</p> <p>3-Upon arrival observe the Equine ID, Check Health Documents, Records of all vaccines given and record of the most recent coggins, necessary for transport. (In NYS- Coggins is required every 2 years)</p> <p>Observe for signs of health- include with this: temperature, demeanor, appetite, cough, nasal discharge, signs of shortness of breath, flaring of nostrils, signs of dehydration, skin condition, weight, injuries</p> <p>4-Isolate/quarantine horses away from other herds for 2-3 weeks and assess and document symptoms from the previous list and also monitor for signs of contagious disease. Taking Temperature 2x/day and documenting for at least 1 week to allow for early detection. Notify North Country Vet for temperatures</p>



above 102 degrees

5-During this time, equipment should not be shared.

6-A Certificate of Veterinary Inspection (CVI) when available (attests to health of horse) received upon entry into Sunshine Horses

7-Always maintain facility records

8-Continuous health monitoring of horses is the key to early detection and containment of infectious disease

9-Designated volunteers from Equine Care Committee will perform walk through during shifts and directly observe for clinical signs of disease

10-Care of horses-stalls is cleaned regularly and all waste is removed to dumpster.

Equipment used for cleaning stalls should not be used for feeding and vice versa.

Between Equines

1-Remove buckets, feed tubs and clean with a detergent solution, rinse, disinfect again and rinse thoroughly, allow to dry. Clean metal gates same way.

2-Stalls constructed of porous material (wood) ...extremely difficult to clean and disinfect. Remove all bedding and organic matter, thoroughly dry scrub all surfaces to remove as much organic material as possible. Follow up with scrubbing stall walls with detergent solution (cleaning with large amounts of water can turn dirt or sand floors into a slurry and should be avoided)

Disinfectants can be sprayed on surfaces but may have inadequate results and persistence will depend upon involved organism. Sunlight exposure may be helpful for inactivation of potential pathogens.

3-Adequate air circulation with ventilation aids in reducing potential exposure to respiratory disease pathogens

***SEEK ADVICE FROM VETERINARIAN**

4-Disinfectant Use-

Follow label instructions; Do not mix with other chemicals; select disinfectant that has documented effectiveness in presence of 10% organic matter (Bleach is readily inactivated by organic matter)

Hand Hygiene-

1-Hands should be washed under running water using a pump dispensed liquid soap for minimum of 20 seconds. Hand sanitizer should be used if no running water is available, using at least 61% alcohol and dry for 10-15 seconds. Hand wipes should be available to remove all organic material prior to hand sanitizer use.

Equipment & Supplies

1-Durine Isolation and Quarantine the equipment should be specifically marked and only used on that horse

2-In between Equines all equipment should be removed of organic material and disinfected (cleaned with detergent & water, rinsed & disinfected again with a final rinse) There should no cross-contamination.

3-Medications should be labeled with horses name and only used on that equine

4-All feed should be secured away from vermin (vermin can transmit disease agents.)



	<p>Outbreak Response-Consistent contact with veterinarian is vital</p> <ol style="list-style-type: none">1-immmediately isolate sick horses away from others (Sunshine uses a separate barn for quarantine and isolation) Symptoms include: fever greater than 102; ataxia or recumbancy; aggressive behavior or recumbancy; profuse diarrhea; oral or coronary band ulcerations.2- Maintain a daily record of horse's vital signs, behavior, appetite, etc.3-Use of Personal Protective Gear when horse is in isolation and use of foot baths with a disinfectant should be placed at entry and exit sites. (disinfectant=10% bleach solution-changed every 2-3 days)4-Hand washing or hand sanitizer as indicated in previous policy page5- Only trained volunteers should treat isolated horses with contaminant disease to avoid cross-contamination.6-Exercise horse separately from others7-Continuous monitoring of all other horses is essential during the infectious breakout with temperatures taken 2x/day and documented. (do not take temperature directly after the horse has been exercised)8-During outbreak communicate the infectious outbreak to all visitors <p>Communication</p> <ol style="list-style-type: none">1-Use of signage as to infectious outbreak is essential. Communicate outbreak of infectious disease to all volunteers (use of Barn Manager) <p>-</p>
References	AAEP BIOSECURITY GUIDELINES