

# APPENDIX VIII - BIOSECURITY FOR PREVENTION OF FOREIGN ANIMAL DISEASES

Policy for the NCSU College of Veterinary Medicine  
Prepared by the CVM Infectious Disease Control Committee  
May 4, 2005 April 29, 2005

In an effort to prevent the introduction of a Foreign Animal Diseases (FAD) into our clinics, teaching animal unit and research barns, visitors to the NCSU College of Veterinary Medicine (CVM) and the students, staff, and faculty of the CVM must take steps to help prevent the accidental introduction of these diseases into this country. Humans can carry pathogens on their clothing, shoes, body (particularly the throat and nasal passages) and personal items. Some diseases, such as Foot and Mouth Disease, are extremely contagious and may spread among cloven-hoofed animals such as cattle, sheep, pigs, goats and deer. For this reason, the policies listed below will be enforced at the CVM for anyone who has visited a foreign country.

## I. TRAVEL ABROAD: FACULTY, STAFF, STUDENTS, AND CVM VISITORS:

All CVM personnel (faculty, staff, and students) and visitors to the CVM returning after a visit within the past 14 days to any foreign country must take the following actions before entering any CVM facility.

1. Ideally clothes worn while handling livestock in other countries should not be brought back into the U.S. Alternatively all clothes worn while visiting a farm, during exposure to livestock, or worn where cloven hoofed animals are present (eg, sheep, deer, cattle, pigs), must be soaked in 100% vinegar solution, followed by laundering all clothes in hot water (hot wash cycle on washing machine). Some pathogens are susceptible to strong acids and bases.
2. Bathe and shampoo hair thoroughly after returning from travel.
3. Dispose of all shoes worn in the foreign country. Cleaning alone may not remove the virus.
4. Returning travelers should be restricted for 14 days after their return from a foreign country from contact with any areas in which livestock (cattle, horses, sheep, swine, goats, llamas, etc.) are housed or examined at the CVM.
5. Tours of the CVM, (for example school tours, visiting groups, etc.) must register with the CVM Student Services office. The office of Student Services is located in Room A-242 of the CVM or may be contacted at phone number 919-513-6205. The Student Services office will be educated on the College's Policy on Foreign Animal Diseases so that they can appropriately inform tour groups. Tours must not include areas of the CVM where cloven-hoofed animals are housed or examined.
6. Exceptions may be made to this policy when the CVM personnel can provide assurance that he/she has not visited a farm, area where farm animals are kept or housed, or have not been in contact with farm animals. For example, it is acceptable to visit hotels, conferences, airports, or urban areas of a foreign country if there is reasonable assurance that such a visit would not expose the person to a potential foreign animal disease.
7. Exceptions to this policy are allowed for travel to Canada.

## II. TRAVEL ABROAD – CVM CLIENTS

1. Any client bringing an animal to the CVM will be informed of the CVM Policy for Prevention of Foreign Animal Diseases. They may be informed by way of a sign posted at the entrance, a brochure provided for them when their animal is admitted for examination, or personal interview.
2. The VTH Admissions Information Form that is completed when an animal owner visits the VTH or arranges an appointment by phone, should include a check-off in which they are asked, "Have you visited a foreign country in the past 14 days?" And, "If the answer is yes, please list the country or countries visited." After the second part of this question is completed, the VTH Admission desk should inform the client that they may not enter areas of the hospital where animals are kept. In addition, the following, restrictions listed below will apply.
3. If the client has recently visited a foreign country, they will not be allowed to enter areas of the VTH where livestock (cattle, horses, sheep, swine, goats, llamas, etc.) are housed or examined at the CVM for 14 days after their visit to a foreign country. They should receive some educational materials (brochure, pamphlet) and/or consultation from clinician or the hospital's epidemiologist to explain the reasons for such a restriction.
4. The animal(s) owned by a client that has visited a foreign country within the past 14 days will not be admitted to the CVM hospital unless there is a exception by the College's Epidemiologist.

## III WARNINGS POSTED AND SIGNAGE:

Signage stating the above precautions, and restrictions will be placed at each public entrance to the CVM, including the Veterinary Teaching Hospital and Teaching Animal Unit. The signs should state:

**IF YOU HAVE TRAVELED OUTSIDE THE U.S. IN THE PAST FOURTEEN (14) DAYS, YOU MAY INADVERTENTLY TRANSMIT A FOREIGN ANIMAL DISEASE TO OUR HOSPITAL PATIENTS. PLEASE REPORT FIRST TO THE FRONT DESK OF THE VETERINARY TEACHING HOSPITAL OR THE DEAN'S OFFICE (Room A-233, Phone 919-513-6786).**

The Teaching Hospital front desk personnel should be familiar with the policies in section II above, and immediately contact the following personnel in the listed order of priority. If the first person on the list is not available, contact the next listing, and so on. The contacted person will determine the course of action based on CVM Policies.

1. Dr. Jay Levine, CVM Epidemiologist, Room B-337, Phone (919) 513-6397
2. Dr. Mark Papich, Chair of CVM Infectious Disease Committee, Room C-282, Phone (919) 513-6221.
3. Dr. James Floyd, Head, Department of Farm Animal Health and Resource Management. Phone: (919) 513-6240.
4. Dr. Barrett Slenning, FAHRM Dept. Room D249B, Phone (919) 513-6324.
5. Wanda Borrelli, Veterinary Teaching Hospital and member of CVM Infectious Disease Committee, Room C-208, Phone (919) 513-6580.

#### **IV. EDUCATION AND AWARENESS**

The CVM Policy on Foreign Animal Disease should be widely disseminated to all students, staff, and faculty. CVM staff includes all individuals who work in or around the CVM. Clients and visitors should be notified of the policy either through the use of signs posted at the entrance to the CVM, and/or in the way of informational brochures. The Hospital Infectious Disease Control Committee (IDC Committee) will have the responsibility of periodically reviewing this policy for the purpose of updates and oversight, with subsequent approval of changes by the CVM Cabinet.

#### **V. ADDITIONAL INFORMATION SOURCES:**

Additional information on Foreign Animal Diseases can be found at:  
<http://www.cfsph.iastate.edu>

### **SPECIFIC INFORMATION REGARDING FOOT AND MOUTH DISEASE**

#### **I. SIGNS OF A POTENTIAL FOOT & MOUTH DISEASE IN ANIMALS:**

Signs and behaviors, which would alert the observer to the possibility of Foot & Mouth Disease include animals with vesicles ("blisters") in the areas in and around the mouth, nostrils, genitals, rectum, and hooves. ulcers in these same areas which appear after vesicles rupture.

Lameness and reluctance to move.

High fevers and going off feed.

More subtle signs may be present in small ruminants, such as sheep and goats which have less obvious vesicles and ulcers.

#### **II. REPORTING SUSPECT CASES OF FOOT AND MOUTH DISEASE:**

Any person observing signs in an animal of Foot & Mouth Disease should immediately report them to:

Dr. Jay Levine, Room B-337, Phone (919) 513-6397.

Dean's Office, Room A-233, Phone (919) 513-6786

##### **Office of the State Veterinarian**

Dr. David Marshall (919-733-7601). (David.Marshall@ncmail.net)

Dr. Fred Kirkland (919-733-7601).

Dr. Beth Yongue (919-733-4136).

The State Veterinarian's Office of the NC Department of Agriculture is the agency with the legal duty and regulatory authority to investigate suspected cases of Foot & Mouth Disease and, if necessary, to quarantine an animal and/or its premise until the disease is definitively diagnosed. The State Veterinarian has broad legal authority to act quickly and decisively to respond to potential outbreaks of Foot & Mouth Disease. All CVM personnel should be encouraged to consider themselves responsible to promptly report ALL suspicious cases of Foot & Mouth Disease to the State Veterinarian's Office.