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**HEALTH FACTORS ASSOCIATED WITH MICROCHIP
INSERTION IN HORSES**

A Thesis in

Animal Science

by

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ABSTRACT

The components included in this study were concerns that became apparent as USDA-APHIS progressed with the National Animal Identification system. Horse owner opinion poll results demonstrated that excessive inflammation and migration were two health concerns that horse owners had about microchipping their horses. Horse owners also expressed interest in knowing alternate benefits of microchips, including body temperature readings. The literature review includes an introduction and process for each component of this study. The manuscript contains the data collected during the trial to measure migration, inflammation and biothermal capability of microchips in horses. The main objective of this study was to characterize the inflammatory response to and measure the migration of microchips. The other objective was to determine if the microchip can provide accurate body temperatures. Eighteen mature Quarter Horse mares were randomly assigned to groups. The three groups in the study were microchip (n=7), sham inserted (n=7), and control (n=4) with no insertion. The inflammatory response was measured over a two week period. The microchip and sham insertion did not cause a detectable increase in temperature. Algometer readings, which are used to quantify the pressure necessary to induce a pain threshold response, indicated that the microchip group required less pressure to induce a pain response than sham at 2h, 1 and 3d post insertion. Visible swelling began 2h post insertion and resolved by 3d. Serum amyloid A concentrations changes could not be coupled with local inflammatory reactions. For the migration component of the study, the microchip group (n=7) had radiographs taken over 6m. These radiographs allowed measurement between a select vertebral point and the microchip. Linear regression for each individual horse determined that the slope was not significantly different from zero with a calculated margin of error within 1-2cm. Bio-thermal function was provides accurate body temperatures compared to rectal when ambient temperature is greater than 18C. The implications chapter contains all other relevant ideas pertaining to migration, inflammation and bio-thermal capability.

TABLE OF CONTENTS

List of Figures.....	v
Acknowledgements.....	vi
Chapter 1. LITERATURE REVIEW	
Introduction.....	1
Temperature Functionality.....	3
Inflammation.....	6
Algometer.....	9
Peripheral Temperature.....	11
Acute Phase Proteins.....	12
Migration.....	15
Power Analysis.....	19
References.....	19
Chapter 2. MANUSCRIPT	
Title Page.....	22
Abstract.....	23
Introduction.....	24
Materials and Methods.....	25
Statistic.....	27
Results.....	28
Discussion.....	30
Acknowledgements.....	35
References.....	35
Appendix A Serum Amyloid A.....	42
Appendix B Migration.....	45
Appendix C Bio-thermal Function.....	47
Appendix D Inflammation	49
Curriculum Vita.....	197

List of Figures

1. Inflammatory Cascade with Acute Phase Protein Regulation.....	13
2. Diagram of insertion and control sites with spot designations.....	37
3. Dermal temperature of injection site separated by group over time.....	38
4. Algometer measurements separated by group over time.....	38
5. Swelling area measurements separated by group over time.....	39
6. Geometric means of Serum Amyloid A	39
7. Overall distance between microchip and select vertebral point.....	40
8. Regression of Bio-thermal	40
9. Comparison of Rectal and Bio-thermal Microchip body temperature readings.....	41

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Chapter 1. LITERATURE REVIEW

Introduction

The goal of National Animal Identification System (NAIS) is to create a neighborhood disease response network to increase the efficiency of quarantine and eradication of disease when an outbreak occurs. [1] The goal is to protect the animals, their handlers and the economic livelihood in the event of an outbreak. In order to accomplish these tasks, health officials need to obtain the location and number of animals that are involved in an outbreak and any potential exposures that have occurred.[1] With quicker traceback methods, it is hoped that fewer farms will be exposed and diseases stopped at a much smaller scale to prevent large, catastrophic disease outbreaks.[2] Although the NAIS program was designed for traditional livestock species, it was quickly realized that equid provide an ideal carrier for many diseases that affect livestock and humans as well. [3] Because horses live longer than the typical steer or dairy cow they can be exposed to more diseases. There is also an increase in exposure as over three and half million horses are either involved in racing or showing [4]. Horses have a considerable amount of exposure to both humans and other livestock in the event of a disease outbreak.[4].

Other forms of identification have been evaluated by NAIS, USDA-APHIS and the Equine Species Working Group (ESWG). The majority of owners use color and markings, brands and tattoos to identify their horses.[5] Brands, tattoos and markings are highly visible, but have limitations. Tattooing of horses is commonly performed on the inside of the upper lip of racing thoroughbreds, standardbreds, quarter horses and Arabians. [6] The identification code is different for each individual horse and can relate year of birth and breed. The application and reading of tattoos can be difficult with horses that are reluctant to allow handling of their mouths. There are concerns within the racing industry that disease transmission during the pre-race identification process may occur when race officials are contacting each horse's mouth. Tattoos

have also been known to fade or distort with time and can be manipulated in theft or fraud situations. [6] Also, it is important to consider that since the size of horse's upper lip is finite, it may be difficult to use a multiple digit code that would be large enough to be readable while providing enough unique codes for horses nationally and internationally. Another common form of identification is branding. Branding is typically used to prove ownership to a specific farm or registry. Brands can be placed on the hip, shoulder, crest of the neck or side by freeze or hot iron. These marks can be included in identification markings on the registration papers when ownership is transferred. In some cases the new owners even add another brand. The brands are highly visible which can deter theft and can assist in identification during loss situations.[7] Some people find the scarring or depigmentation to be unsightly or inhumane. And similar to tattoos, brands can be manipulated or removed in fraud or theft cases. The branding of identification codes by specific breed registries does provide a foundation for a national database, but the coding system would have to be integrated and standardized to provide a lengthy alphanumeric code.[8] The microchip was determined to be the most efficient method to encompass enough characters to individually identify the entire horse herd without causing more discomfort to the horses or scarring large portions of their hide.[9] The other forms of identification are not discouraged by NAIS, but rather the microchip was to be used as the consistent universal identification within the entire horse industry.[9]

The microchip has many benefits as a component of equine identification. Because the chip is implanted in the horse's neck, the person who is inserting or scanning can do so in the safer, neutral (at the shoulder) position.[10] Scanning of the chip is less dangerous than close viewing of a hip brand and much easier than attempting to restrain a recalcitrant horse to view the inner lip tattoo. Furthermore, the chip is inserted similar to administering vaccinations, with the exceptions that the diameter of the needle is slightly larger, the injection site is higher in the neck and it is a dry insertion.[8] The site of insertion is not visible through the hair coat or after

healing, which is desirable for owners that don't want to damage their horse's hide. This method of identification relies on the availability and function of a scanner to detect the presence of and identification number on the microchip. The scanners need to be available at key sites, such as rescues, racetracks, and showgrounds, otherwise systems will have to rely on visible identification markers. [11] Therefore, it is important to stress that the microchip should still be correlated with other identification methods, especially the visible methods of color, markings, tattoos or brands.

Since the use of Radio Frequency Identification (RFID) tags began, other opportunities have been continuously developed with the abilities such as increasing labor efficiency and detecting potential health issues before they become a major problem. For example, the ear tags at a large dairy were integrated with computer technology to allow the chip identification to be compiled with body temperature, estrous detection, milk yield and any other relevant data. [12] This capability increases efficiency by decreasing paperwork and animal handling. It may also improve the health of animals by increasing awareness of important changes before they become problematic. Although this technology would be of the most benefit to large-scale operations who will want to purchase a scanner, the opportunities of this form of identification are still being discovered and some might have greater practicality than others. Regardless of the future opportunities for benefits, the microchip will most importantly provide identification which is crucial in theft and disaster loss situations. When the identity number can be correlated to an owner or premise database, then establishing ownership is quick and efficient.

Temperature Functionality

As technology continues to develop it may become practical for many farms to use a computer program to record all data that is scanned from the microchip, including vital statistics and production data. This is a major step in the use of telemetry (remote measurement) in

agriculture.[12] Telemetry in animals has the benefits of being noninvasive (reduces animal stress), increases labor efficiency and is capable of collecting continuous data. Body temperature recordings from cattle with rumen boluses and tympanic (ear) transmitters were compared with digital thermometer rectal readings. Rectal and tympanic temperatures were not statistically different. Bolus temperatures were consistently higher (+1C) than both tympanic and rectal temperatures with a correlation of 0.8. This study also determined that there was correlation between the ambient temperature and transmitter recording methods (0.76 and 0.74 for tympanic and rumen bolus, respectively).[12]

A cattle radiotelemetry study using peritoneum (rumen) bolus transmitters determined that ambient temperatures, feeding times and circadian rhythm influence body temperature.[13] During their study, the average body temperature stayed consistent regardless of the ambient temperature, but the rhythmical peaks were affected when the temperature reached the threshold of 25.6C and when temperature was below -7.5C. With peritoneum boluses, the Prendiville study found that feeding times exerted more influence on body temperature readings while subcutaneous or tympanic (ear tag) transmitters exhibited stronger correlation with ambient temperature.[12, 13] With horses there have been some interest in using body temperature measurements and other technological benefits that may be incorporated into the identification microchips.

The Biothermal microchips from Digital Angel (South St. Paul, MN) also provide body temperature of the horse when scanned. This new feature was tested by the Destron Fearing group, the designers of this microchip, by comparing rectal temperatures to the microchip readings on a single horse. The ability to scan body temperature readings would be a major benefit to horse handlers, reducing the time it takes to read rectal temperature and reducing risk to handlers by keeping them at the neck and away from the more dangerous hind end.[10] Also, the

temperatures can be directly correlated with the identification tag number, thus preventing problems with remembering individual animals or nicknames. Still, there are many concerns about the accuracy of the temperature reading under varying circumstances. When Digital Angel compared the scanned temperatures to rectal temperatures in horses, the readings were typically three degrees less, but stayed consistent within that horse. If the variation remains consistent, then owners can easily account for this deviation to calculate the actual body temperature. Although this study was conducted over a nine-month period of time, it only included data from one horse so individual variations between horses can not be extrapolated. [14] Another major problem that was addressed in a later study was the effect of ambient (outside air) temperature on the chip temperature readings. The ambient temperature was not mentioned in the Destron Fearing horse study, and their cat and dog trials most likely didn't need to account for ambient temperature since these trials are performed at room (25C) temperature. The study performed by Robinson et al, 2008 illustrated the correlation between ambient and percutaneous chip sensing body temperatures in horses. The body temperature according to the microchip is accurate when being read at greater than 15.6C, but the accuracy fluctuates when it drops below this lower limit.[10] Robinson et al did provide an equation that accounts for ambient temperature influence when below 15.6C. Because of the miscalculation, fever detection response was only 51.3% when the ambient temperature was less than or equal to 15.6C and 87.1% when above 15.6C. Until the equation is automatically calculated within the scanner, rectal temperatures will remain more practical when determining body temperature of horses.[10]

As mentioned previously, the chip implanted in the neck will decrease the injury risk of taking a rectal temperature. But it is important to note that this feature wouldn't be feasible to use for all microchipped horses as it requires the use of the scanner. When using the microchip as identification, most horse owners will not personally acquire a scanner. Even if all veterinarians have a scanner, the temperature is not accurate unless normal deviations are known. So this

benefit is being marketed to horse industry sections having enough horses to make purchasing their own scanner economically feasible. Similar situations are encountered with cattle identification tags. On small farms, it is not economical to use the microchips or transponders for body measurements, but large operations may benefit from this ability. [12]

Inflammation

The microchip as the universal identification method for horses has stimulated much scrutiny from horse owners and the industry. There are public concerns about privacy of information, cost of identification, and health problems with insertion.[5] The health problems associated with inserting microchips would include the inflammatory response and the insertion of a foreign body (microchip) into the horse's neck. It is important to understand that the inflammatory cascade is a beneficial response. Inflammation is not synonymous with infection, but instead is a defense mechanism against any damage. With the specific assault of microchipping, inflammation occurs because of the endothelial damage and the degradation of phospholipase membrane.[15] This inflammation not only prevents infection from occurring, but also initiates the healing process. The insertion of the microchip or any foreign body is going to cause a response regardless of the precautions that are taken. It will be normal to have slight swelling, heat and discomfort, as would be typical for a cut or vaccination.[16] This process is accepted as normal and necessary to prevent infection and initiate the healing process. Therefore, the aseptic procedure that is recommended by Lifechip and ESWG during the microchipping process is used to prevent any contamination that would prolong and exacerbate this normal inflammatory response.[8]

The process that occurs when implanting a microchip or any foreign body into an animal can be detailed and understood in a few steps. The primary immune assault is cutting of the skin

(endothelial damage) during placement. Just the skin damage itself will cause an inflammatory response to prevent infection and begin repairs on the skin and muscle tissue.[17] This small scale response consists of limited swelling and a slight temperature increase within the local area. If when the area is damaged, antigenic material is introduced, (such as bacteria, virus or fungus) the inflammatory response increases in magnitude and duration. This difference in inflammatory reaction has been quantified in experiments that compared implantation of clean and infected ear implants in cattle.[16] Temperature differences between contaminated ear implants and ears that were not implanted were as high as 20°C, while clean implants only caused an average difference of 4°C. There is greater tissue necrosis, scar tissue buildup and abscess formation, as well as an increased temperature when cattle implants are infected instead of sterile.[16] Thus, the ESWG proposed protocol for microchipping is designed to prevent contamination. The microchips are packaged individually in a sterile syringe to prevent contamination.[14] The area for insertion is scrubbed with an antiseptic and then wiped off with an alcohol swab. After the alcohol is allowed to dry, the microchip is injected into the cleansed area approximately three to five centimeters within the skin. The 12 gauge needle causes a wound of approximately 2mm in diameter.[18] This endothelial damage initiates the localized inflammatory response. The localized immune response following injection includes muscle regeneration that begins within two days or as soon as the macrophages have phagocytosed the dead muscle tissue. After two days, the increased transcription of different collagen subunits, allows the fibroblasts to form scar tissue at the injection site. It has been noted that necrosis, inflammation and regeneration occur simultaneously rather than the preconceived step progression.[17] Injection site complications with vaccines include inflammatory responses of pain, swelling, redness and discomfort.[17] Many of these reactions are associated with the substance in the vaccines more than the needle damage. There was some concern expressed by horse owners that microchips were known to abscess out or discharge from their insertion site. Abscess formation would be dependent on the

cleanliness of the procedure to prevent introduction of infectious material. The implantation site and depth would also influence the capability of the microchip abcessing out of the insertion site. Although documentation of microchips abcessing out was not found, there was a similar situation that was detailed in Spire et al when the contaminated ear implants abcessed out of the cattles' ears.[16] Abcessing out of the microchips will be less of a risk since they are not placed subcutaneously but rather three to five centimeters into the muscle or ligament, and they are placed using an aseptic protocol for insertion. Most of the injection site complications have been observed with vaccination or injections of caustic substances to study inflammatory responses, while studies pertaining to microchip insertion have not been performed in this detail to the author's knowledge

The microchip's continued presence inside the tissue may prolong the initial inflammatory response and is characterized by the infiltration of inflammatory cells, an increase in fibroblasts and formation of granulation tissue. The area surrounding the capsule will form a connective tissue band encompassing the entire chip that will remain histologically constant, once established.[19,20] The capsule is composed of soda-lime glass which is known for its biocompatibility with living tissue.[21,22]

The five indicators of inflammation are pain, heat, swelling (edema), redness and loss of function.[15] Only three indicators, pain, heat and swelling were quantified in the following study. Loss of function was not included because the horse's ability to function normally after microchipping has not been a concern, since only a small portion of neck muscle is scarred when inserting a microchip. Also, redness will not be included in the study because of the difficulty with visualization in dark pigmented and haired animals. Thus, the remaining three indicators will be used to quantify the local inflammatory reaction in the following study. The systemic response will be measured using acute phase protein measurements as experimental inductions of

inflammatory reactions have shown this to be effective in distinguishing inflammation caused by injections of turpentine oil.[23] By combining three indicators of inflammation and an acute phase protein assay, this proceeding study can effectively measure the inflammatory response in the horse during microchip insertion .

Algometer

Minimization of pain was direct concern of horse owners, but is also an indicator of inflammation. Since animals cannot verbalize their pain on a numeric or categorical scale like humans, a tool used to measure pain threshold has to be used. Pain threshold is the minimum amount of pain necessary to induce a pain reflex response. The algometer is a tool that applies pressure to the area of interest on an animal or person to quantify the units of force necessary to induce the pain reflex response. Algometers have been used to evaluate the pain threshold in calves during the dehorning process while being compared to behavioral, physiological and changes in blood cortisol levels. [24]

Algometers function similar to the higher quality hoof testers that include a gauge of how much pressure is applied. Pressure starts gently and increases until a reflex pain response is observed.[25] With hoof pain, the response is typically flinching and pulling the leg away. Preliminary studies performed by the author have shown that pain from injection sites exhibited responses of dropping the head and neck, stepping away from handler, stepping toward handler, and in the most aggressive horse, attempts to bite the handler. As with hoof testers, the measurements need to be repeatable, therefore, several repetitions need to be taken at each specific interval.[25] The repetition can be used to account for extraneous responses, such as spooking, misbehavior or just discomfort with the procedure.

Both the algometer and dermal thermometer were tested during a small scale pilot study involving four horses that were administered routine vaccinations for strangles. Vaccinations were administered intramuscularly in the pectoral region by a veterinarian. Vaccination for strangles was chosen as a model to test the algometer and dermal thermometer as functional tools for measuring inflammation because an inflammatory reaction to this vaccine is known to occur.

There are several major discrepancies that need to be noted with the use of the algometer. In the preliminary study performed by the author, the horses seem to exhibit a memory pain response. This refers to the horse showing a pain reflex response prior to application and provides a false positive that may or may not be pain induced. In this situation, the horse will flinch before the needle even touches their skin. Although they have yet to be subjected to the pain, the animal believes it will feel pain and responds as such. Repeating this procedure several times to obtain reproducibility will attempt to counteract this problem. Also, making sure that the area is not visible to the horse will assist in determining the actual pain response since animals in the preliminary study were flinching just by seeing the needle and veterinarian. This can be performed by situating the handler between the horse's head and the insertion, by turning the head away or covering the horse's eye on that side. The other problem that may occur is that the pain threshold for particular horses may exceed the values on the algometer. Although the horses are capable of reacting within the gauge limit, as determined by preliminary experiments, it was shown that some horses did not show a pain reflex response when full pressure was applied. These horses were assigned the highest value possible, but these values show insensitivity to pressure rather than response at that value.

Peripheral Temperature

Temperature measurement of the peripheral skin tissue is a strong local indicator of an inflammatory reaction and can be used for skin damage or injuries closer to the skin.[26]. An increase above normal temperature or temperatures that stay persistently higher longer than three days may be attributed to an infection.[16] In the subsequent study, the dermal temperature and inflammatory assay results are complements in determining the inflammation caused by the microchip insertion. If, for example, the horse is injured elsewhere and the inflammatory markers are present, the skin temperature around the insertion site would have to show a local response as well. If it does not show a response, but there is a systemic response, it is likely that the assay is detecting inflammation that is related to a different stimulus.

In order to measure the local temperature response to the injection, it is important to find an accurate and accessible tool. Thermographic cameras are commonly used to quantify and illustrate the temperature difference in relation to problems with soundness and back problems in horses.[26, 27] These cameras also provide imaging to help assist and pinpoint locations of heat, but it is more important to quantify, not necessarily visualize the inflamed area. These cameras are scaled and show differences in temperatures rather than absolute numbers. Although this would have been adequate for this study, the cameras are still being developed to provide accuracy in their measurements and are less costly while performing the same task. A tool that dermal thermometer. It had the same accuracy ($\pm 0.1^{\circ}\text{C}$) to the thermographic cameras, and was much less expensive.[28] It has been used extensively in human diabetic research to diagnose exterior limb infections.

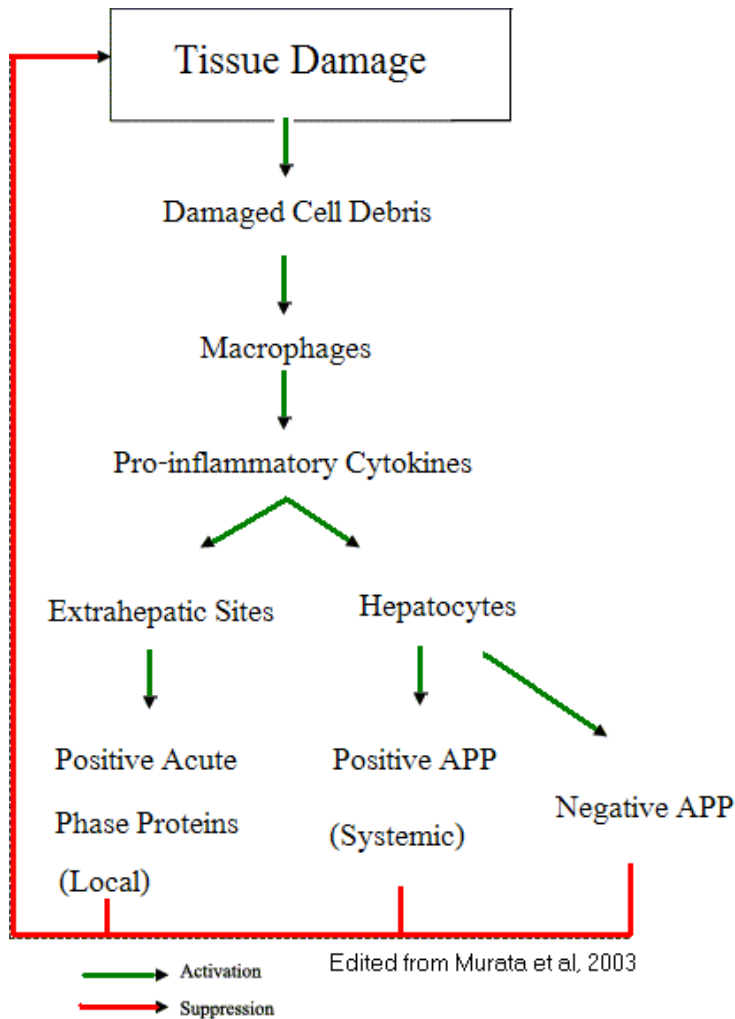
There are concerns when working with the dermal thermometer. The first concern that was addressed was whether the accuracy of non-contact versus contact measurement would be the same. The study by Buono et al, 2007 used human patients to compare measurements under three

different ambient temperatures at rest and then under exercise. The temperatures were highly correlated ($r > 0.95$) and not statistically different ($p < 0.05$) between contact and non-contact measurements.[28] This determined that the readings were just as accurate when held as close to the skin without touching, as it would be were it placed on the skin. This prevents contamination and dirtying of the tool's probe. The second concern was that horse hair provides a thick layer that may insulate the temperature of the underlying tissue. This was accounted for in the following microchip study by shaving the injection area. This also allows the thermometer to be placed more closely to the body without touching the hair.

Acute Phase Proteins

The damage that is caused by microchip insertion will initiate the inflammatory cascade to prevent infection and start tissue healing. The lipopolysaccharide from the damage cell debris activates the production of pro-inflammatory cytokines through macrophages, keratinocytes and mucosal epithelium.[22] The pro-inflammatory cytokines work at the tissue level to produce the localized response and with hepatocytes to produce the systemic response. (Fig 1)[29]

Figure 1. Inflammatory Cascade with Acute Phase Protein Regulation



By definition, an acute phase protein increases or decreases by at least 25% compared to healthy serum blood levels when the inflammatory response is initiated.[30] The most common acute phase proteins that are measured to evaluate inflammatory response in the horse are Serum Amyloid A, alpha-acid glycoprotein, haptoglobin, C-reactive protein and fibrinogen, which are all positive acute phase proteins. The only notable negative acute phase protein in horses is albumin.[30]

Serum Amyloid A (SAA) is approximately 180kDa in natural form, which is an approximation, as it is always found in a lipoprotein complex. It has been measured after denaturation at 9-14kDa, which is dependent upon the species.[31] The greatest benefit to using this acute phase protein is that initiation of inflammatory conditions in the horse causes the concentration to increase (10-100x) in a short period of time (within 2 days).[23] This is important in our study since the inflammatory response may be very small and short-lived. Common biological activities of SAA include the inhibition of fever and oxidative burst of neutrophilic granulocytes among many other influences on key players in the inflammatory cascade.

Haptoglobin consists of a pair of polypeptides with two subunits, one that is 108kDa and has two identical subunits and another weighing 105kDa comprised of two different subunits.[30] The primary activity of haptoglobin is to prevent loss of iron during formation of stable free hemoglobin complexes. Haptoglobin is indicative of an immune response similar to SAA, but the increase that occurs during an experimental induction of acute phase proteins by the injection of turpentine oil is five times the normal serum level while SAA is fifteen times the normal serum level.[23,32] The moderate increase that occurs may not register with a localized immune response from the microchipping procedure.

Named for ability to bind pneumococcal C-polysaccharide, C-reactive protein is a 115kDa molecule with five non-covalently associated polypeptide subunits. Although Crp has many features that are relevant to the immune response, its correlation with SAA and weaker response in the horse deem it less productive to measure in this study.[31]

Fibrinogen is commonly used as a measure of inflammation in livestock. Although it is slower to initiate and peak, it is less expensive to assay since it can be isolated by heat precipitation.[32] The fibrinogen measurement is considered a minor positive acute phase protein with an increase

between 0.5-5. This also requires a different sampling scheme than most of the other acute phase proteins as it peaks after the typical two-three days. [33]

While many acute phase proteins have been used to assess the inflammatory response in the horse, SAA is the most sensitive acute phase protein. Also, SAA is an ideal candidate for measuring inflammatory responses because validated ELISA kits are commercially available. Haptoglobin was also commercially available but it doesn't show the marked increase and thus would not be as sensitive.

After determining the relevant inflammatory markers to depict the immune response to the microchipping procedure, a timeline for sampling was developed to measure the peaks and check for any prolongation of the response. To determine normal concentrations of SAA in blood, samples would need to be collected before insertion, and then at two days to catch the peak. After seven days, the levels should return to normal and at fourteen days should remain normal. The comparison of the microchipped horse to the sham injected horse will distinguish between inflammatory responses associated with the procedure and inflammatory response that can be attributed to the microchip presence. As long as it is aseptically implanted, the microchip is not expected to cause a prolonged inflammatory response. The low-scale local response may not be enough to cause a detectable systemic response.

Migration

A migration component has been included in this study due to horse owner concerns.[5] Although previous studies have been performed that directly address these concerns, the variability of those results have necessitated repetition.[34, 35]

Migration of the chip is highly undesirable from a functionality standpoint. The movement from the expected implantation site increases the chance that the scanner will not be able to read the

identification number. If substantial movement is known to occur, people who scan for the chips need to know what range of area they can expect to use when searching for the tag. Furthermore, this could be a major problem in horses with extremely thick dorsal necks, as the migration of the chip deeper into the tissue may deem the chip completely dysfunctional. These thicker necked horses had a small percentage of times when the scanner could not read the chip from the opposite side of implantation.[34] If the chip migrates toward the opposite side of implantation, it may be important to scan both sides of the neck to get a reading. Even in non-obese horses, substantial movement will increase the time that it will take to properly identify animals and it may prevent proper identification if migration causes a situation where the chip becomes unreadable.[35]

The determination of significant migration is related to the size of the animal. For example, if a horse has a microchip that has migrated five centimeters downward, it may not have any medical complications as it still located in muscle and tendon. In contrast, five centimeters downward from the neck site in a beagle dog could put the chip in a joint or nerve section instead of muscle and tendon. Knowing the extent of migration is important for assessing the risk of hindering performance due to microchip movement.[33]

The equid study by Stein et al found no migration of the microchip to occur within a four year period. The scanner was used to determine the location of the microchip by starting scanning at a point on the horse's neck and then moving toward the known chip site until it was read. A dot was marked where the scanner read the chip. This was repeated five to six times to form a circle with a diameter of approximately seven centimeters. The middle of the circle was considered the location of the chip. The study was able to conclude that within the four years, the chips did not migrate enough to impact functionality when scanned from the left side. There were a small

number (6 out of 53) of horses that could not be read from the opposite (right) side with the scanners that they were using.

Although the scanner has been useful in determining the functionality of the chip, it is not accurate enough to pin-point small changes in position when compared to radiographic results.[35] Jansen et al, 1999, used radiographs to measure the location of the microchip in relation to the center of the spinal column in Beagle dogs. This more precise measurement was able to determine that different locations of implantation will influence the extent of migration. It also compared the acid etched bio glass microchip and the conventional bio glass microchip. There was no detectable difference in migration between the two materials. However, they did find that when the chip was situated near the head it was less likely to migrate when compared to a microchip inserted near the shoulder. This proves that the nuchal ligament of the horse needs to be assessed as a suitable location to reduce or prevent migration of the microchip. This study also demonstrated that migration of the microchip should be measured with greater accuracy and precision than the scanner can provide.[35]

Determining the extent of migration and how this movement may impact the overall functionality may be important. With the Jansen et al, 1999 beagle implantation study, the chips implanted near the head migrated distances less than two centimeters compared to the distal shoulder implants that displaced up to eleven centimeters.[34] Within the horse, a two centimeter movement would not be likely have a negative impact on identification function. In contrast, an eleven centimeter movement could cause a significant problem when reading the microchip, especially with a hand-held scanning device. If the direction of migration is determined by local tissue conditions, then even the two centimeter movement may be problematic, especially in the thick, cresty necked horses, should the migration be toward the opposite side of implantation. This problem establishes the necessity to assess the nuchal ligament as the site of implantation.

Preparation for the radiographs was important in getting a consistent result for the Jansen et al study. The beagle dogs were sedated and then stood square so that exposures could be taken from the dorsoventral and lateral views.[34] With the equine study, it will be important to sedate and square the horses, but the views will be restricted to a lateral view. Taking a dorsoventral view of the horse's neck is more difficult than working with smaller dogs. The precision of the measurements taken from a dorsoventral view would be compromised to the extent that they would likely not provide useful data.

It was interesting to note that Jansen et al provided a hypothetical rationale for the difference in migration. They believed there was a correlation between the mobility of the area in which the microchip is implanted and opportunity for migration. For example, the shoulder is subjected to more force and motion than the area behind the ear. Mechanical forces repeatedly break the tissue bridges that form between the microchip and the surrounding tissue capsule. This microtrauma may cause granulation and scar tissue that are contracted by myofibroblasts. This seems to be associated with the migration, but no inflammatory cells were found around the chips after they were surgically removed from the beagles, even around those that had migrated larger distances.

There is reason to believe that migration may occur within the equine neck due to the different tissue type and mobility of this anatomic structure. This position is not the same as the ear or shoulder and migration may be completely different as a result of mobility and force that is dissimilar to either the shoulder or ear location. Radiographs will be used to precisely determine the location of the microchip in relation to the spinal column.

Power Analysis

Using Statmate software, the sample size of seven horses per group was evaluated. With an average standard deviation of 1.1331, the sample size of seven will detect a difference of ≥ 2.83 with 99% confidence, 2.38(95%), 2.14(90%), 1.85(80%) and ≥ 1.29 with 50% confidence. A study on cattle ear implants showed that an increase of 2.9°C to 5.1°C was apparent between clean implanted ears and non-implanted ears.[16] As all of the power analysis values are below 4°C, the sample size of seven should be sufficient to detect any practically significant temperature difference. Anything below 2°C could be attributed to normal variations in body temperature and should not be of great concern to horse owners.

References

1. United States Department of Agriculture and Animal Plant Health Inspection Service. <http://animalid.aphis.usda.gov/nais/> Accessed July 15, 2009.
2. Cordes, T. and Hammerschmidt, N. You, your vet and the NAIS. Across the Fence Industry Opinions. The Horse.com. http://animalid.aphis.usda.gov/nais/newsroom/documents/Cordes_Hammerschmidt_Article.pdf Accessed July 15, 2009
3. Equine Species Working Group. Equine Diseases of Concern. <http://www.equinespeciesworkinggroup.com/info.html> Accessed July 15, 2009
4. American Horse Council Foundation. The Economic Impact of the Horse Industry on the United States. 2005; 4, 9.
5. K. Vanderman, A. Swinker, H. McKernan, B. Gill, and R. Radhakrishna. United States equine owner's survey on the implementation of national equine identification. J Anim Sci 2008; 86: 432.
4. Permanent Identification using lip tattoos in horses. Penn State Extension April 2009. http://www.extension.org/pages/Permanent_Identification_using_Lip_Tattoos_in_horses Accessed July 15, 2009
7. Stolen Horse International, Inc.(1997-2007) <http://www.netposse.com/prevrec/prevention.htm> Accessed July 15, 2009
8. Equine Species Working group. Microchip Paper. <http://www.equinespeciesworkinggroup.com/info.html> Accessed July 15, 2009
9. Radio Frequency Identification Devices (microchips) for Equines. Equine Species Working

Group. <http://www.equinespeciesworkinggroup.com/info.html>

10. Robinson, Hussey, Hill, Heckendorf, Stricklin, Traub-Dargatz. Comparison of temperature readings from a percutaneous thermal sensing microchip with temperature readings from a digital rectal thermometer in equids. *JAVMA* 2008; 233; 613-617.

11. Equine Species Working Group NAIS Recommendations to USDA August 1, 2006. http://animalid.aphis.usda.gov/nais/naislibrary/documents/plans_reports/ESWG_Recommendations_August_1_2006.pdf Accessed July 15, 2009

12. Prendiville, D., Lowe, J., Earley, B., Spahr, C., and Kettlewell, P. Radiotelemetry systems for measuring body temperature. *Beef Production Series No. 57* 2002; 1-14

13. Lefcourt, A., and Adams, W. Radiotelemetric measurement of body temperature in feedlot steers during winter. *J Anim Sci* 1998; 76: 1830-1837.

14. Destron Fearing. Lifechip equine radio-frequency identification (RFID) microtransponder system with Bio-Thermo technology. South St. Paul, MN. 2007

15. Murphy, Travers, & Walport. *Janeway's Immunobiology*. 7th Ed. Garland Science, Taylor and Francis Group, LLC. 2008; 11

16. Spire, M., Drouillard, J., Galland, J., and Sargeant, J. Use of infrared thermography to detect inflammation caused by contaminated growth promotant ear implants. *JAVMA* 1999; 215: 1320-1324.

17. Ferre, P., et al. Longitudinal analysis of gene expression in porcine skeletal muscle after post-injection local injury. *Pharmaceutical Research* 2007; 24: 1480-1489.

18. Medical tube technology, Inc . Hypodermic needle gauge chart. Pennsburg, PA. http://www.medtube.com/hypo_chrt.htm Accessed July 15, 2009.

19. Park & Wieser. Summary of Field Studies Evaluating the Efficacy of Bio-Bond® (A Porous Polymer Sheath, on Radio Frequency Identification (RFID) Transponders to Prevent Migration from a Known Implant Site). Destron Fearing Corporation, South Saint Paul, MN. 1997.

20. Rao GN and Edmondson J. Connective tissue encapsulation of polypropylene implant. *Tissue Reaction to an Implantable Identification Device in Mice. Toxicological Pathology* 1990; 18: 412-416.

21. Park D, Wieser J, Chan V. Nonmigration of Destron Fearing Implantable Microchips. http://www.animal-id.com.au/biobond_report.php. Accessed July 15, 2009

22. Kane. Horse Identification. II. *DVM Newsmagazine* July 2004. www.highbeam.com/doc/1P3-666971461.html Accessed July 15, 2009.

23. Nunokawa, Y., Fujinaga, T., Taira T., et al. Evaluation of serum amyloid A protein as an acute phase reactive protein in horses. *Equine Vet J* 1989;21:106-109.

24. Stafford, K., and Mellor, D. The assessment of pain in cattle: a review. *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources* 2006; 1-10.
25. Turoff, D. The use of hoof testers. April 1998. *ANVIL Magazine*. The Farrier and Hoofcare Resource Center. <http://www.horseshoes.com/advice/hoof testers/usinghoof testers.htm>. Accessed July 15, 2009.
26. Turner, T.A., Pansch, J., and Wilson, J.H. Thermographic assessment of racing Thoroughbreds. *AAEP Proceedings* 2001; 47: 344-346.
27. Turner, T.A. Back problems in horses. 2003. *American Ass. Eq. Practitioners*. www.ivis.org Accessed July 15, 2009.
28. Buono, M.J., Jechort, A., Marques, R., Smith, C., and Welch, J. Comparison of infrared versus contact thermometry for measuring skin temperature during exercise in the heat. *Physiol Meas* 2007; 28: 855-859.
29. Murata, H., Shimada, M., and Yoshioka, M. Current research on acute phase proteins in veterinary diagnosis: an overview. *Vet J* 2004; 168: 28-40.
30. Jacobsen, S. Review of equine acute-phase proteins. *AAEP Proceedings* 2007; 53: 230-235.
31. Peterson, H., Nielsen, J., and Heegaard, M. Application on acute phase protein measurements in veterinary clinical chemistry. *Vet Res* 2004 35: 163-187.
32. Taira, T., Fujinaja, T., Tamura, K., Izumo, M., Itoh, H., Tsunoda, N., Yamashita, K., Okumura, M., and Mizuno, S. Isolation and characterization of alpha-1-acid glycoprotein from horses, and its evaluation as an acute-phase reactive protein in horses. *Am J Vet Res.* 53: 961-965.
33. Borges, A.S., Divers, T.J., Stokol T., and Mohammed, O.H. Serum Iron and plasma fibrinogen concentration as indicators of systemic inflammatory diseases in horses. *J Vet Intern Med* 2007; 21: 489-494.
34. Stein, F., Geller, S., and Carter, J. Evaluation of microchip migration in horses, donkeys, and mules. *JAVMA* 2003; 223: 1316-1319.
35. Jansen, J., van der Waerden, J., Gwalter, R., and van Roy, S. Biological and migrational characteristics of transponders implanted into beagle dogs. *The Veterinary Record* 1999; 145: 329-333.

Chapter 2. MANUSCRIPT

Health Factors Associated with Microchip Insertion in Horses.

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Abstract

The objectives of this study were to measure the migration of microchips, characterize the inflammatory response during and after insertion, and evaluate the functionality of Bio-thermal technology incorporated within the identification microchips. Eighteen mature Quarter horse mares were separated by expected parturition dates and then randomly assigned to groups. Microchip group (MG) (n=7) had microchips inserted using a sterile syringe, the sham group (SG) (n=7) had a needle inserted but no microchip, and the control group (CG) (n=4) had no insertion. The inflammatory response was measured over a two week period. For the migration component of the study, the seven microchipped horses had radiographs taken over six months. These radiographs allowed measurement between a select vertebral point and the microchip. The microchip and sham insertion did not cause a detectable increase in temperature. Algometer readings, which are used to quantify pressure necessary to induce a pain threshold response, indicated that the microchip was more sensitive than the sham group at 2h, 1 and 3d post insertion. Visible swelling began 2h post insertion and resolved by 3d. Serum amyloid A concentrations had a day, but no treatment effect and increases in concentration could not be matched with local insertion reactions. Migration was not detected in any of the horses over the six months within a 0.7cm margin of error. The bio-thermal function was found to provide accurate body temperatures when the ambient temperature was greater than 17°C. When below 15°C, the body temperatures were not reliable for accurate or precise body temperatures.

Keywords: Equine, NAIS, Microchip, Inflammation, Migration, Bio-thermal

Introduction

The inflammatory process during insertion and occurrence of migration are major concerns of horse owners when determining the usefulness of microchip identification.[1] There is also interest in other benefits that the microchip could provide, such as the scanning of body temperatures. The use of radiofrequency devices as a permanent identification method in horses has been proposed as the standard method for the National Animal Identification System. Animal identification is the second part of a three part program that also includes premise registration and animal movement tracing.[2] When microchips are inserted, the skin damage from the needle immediately initiates a local inflammatory response to begin repair and prevent infection of damaged tissues. Further, the microchip itself is a biocompatible, inert material which doesn't provide antigens for an immune response, but it does cause irritation until a scar tissue capsule begins to form on the periphery.[3] This scar tissue has also been determined important in binding the glass capsule thus preventing movement of the microchip after insertion. Migration has previously been found to occur in dogs with original pet identification chips that were subcutaneously inserted behind the shoulder.[4] In response to these problems, the anti-migration cap was incorporated into newer microchips. To test the anti-migration cap and the different insertion site in horses Stein et al, 2003 evaluated location of microchips over four years but the precision of the measurements is questionable due to the use of the scanner to pinpoint location.[5] The scanner location method would account for any major migration that would affect readability, but the scanner does not detect slighter movement that can be precisely measured through radiographs. Our hypothesis was that there would be no difference in the inflammatory response between sham and microchip insertion and that no movement would occur. The objectives of this study were to 1) characterize the inflammatory response 2) measure the migration of microchips and 3) assess the biothermal measuring capabilities of these microchips.

Materials and Methods

All procedures were reviewed and approved by IACUC. Quarter horse mares (n=18) were blocked by expected parturition dates and then randomly assigned to three groups. The microchip group (MG) (n=7) had microchips inserted using a sterile syringe, the sham group (SG) (n=7) had a needle inserted but no microchip, and the control group (CG) (n=4) had no insertion. Microchips were manufactured by Destron- Fearing and included Bio-thermal function. Horses were kept at The Pennsylvania State University horse barns in University Park, PA. The study was started on June 17, with the inflammatory section commencing after two weeks. Migration and bio-thermal assessment continued for six months. All of the horses were microchipped or sham needle inserted by a licensed veterinarian. Prior to the procedure each horse was checked on both sides of the neck with a scanner to ensure that a microchip had not been previously implanted. To increase accuracy of skin temperature readings, a 4x4cm area of hair was clipped at insertion site and two other control sites. (Figure 2) The insertion site was visually determined by a veterinarian to be within the nuchal ligament on the left side of the horse, with a transverse position that is halfway between withers and poll, and dorsal position several centimeters below the crest of the neck. The control sites were closer to the withers on the same side and directly opposite of insertion site. The insertion area was scrubbed with Nolvasan and rinsed with alcohol. After allowing alcohol to dry, the twelve-gauge needle was depressed two-three centimeters into center of shaved site, and microchips were inserted. Sham needle insertion followed the same protocol without insertion of microchip and control horses were treated with all of the procedure except for needle insertion. All microchips were scanned prior to insertion and then rescanned after insertion to check for accuracy and function.

Skin temperature, swelling area, and algometer measurements were collected on three sites prior to implantation, then at 40, 120, 260, 380, 560, 720 and 1440 minutes after

implantation, and continued daily for two weeks. Skin temperature measurements were taken with a dermal thermometer (Exergen Corporation, MA) by holding the probe close to skin without touching. Temperature readings were taken at the spot of insertion and at each corner of the clipped area. To reduce measurement error, all temperature readings were taken by the same person. The algometer (Wagner Instruments, CT) was used to quantify the pressure necessary to induce a pain threshold response. [6] Pain measurements were taken by a single person who was instructed to apply light pressure at the center of each site and increase slowly until a pain reflex response occurs. The algometer used in this study was able to measure pressure up to 5.44kg. The algometer measurer was also instructed to remain consistent with what qualifies as a pain reflex response. Because of the subjective nature of gauging a pain reflex response, the algometer measurer was kept from knowing what treatment subjects received. At the culmination of inflammatory measurements, this person was asked to place horses within their groups to check the effectiveness of blinding this person. Edema was then estimated by measuring length and width. These were approximations of swelling as shape was variable and depth was difficult to measure.

The concentration of serum amyloid A in blood plasma was assessed by a commercial enzyme linked immunosorbent assay ELISA.[7] Jugular blood samples were taken from all horses at day 0, 2, 7 and 14 days after insertion. The blood samples were collected into heparin tubes and cooled prior to separation. The samples were then centrifuged at 1600×G for 20minutes at 4C to separate plasma. Plasma was frozen at -20 degrees C until analysis. Total protein was also measured in plasma samples using a refractometer.

To assess migration, the microchip group (n=7) had radiographs taken at 0,1,2,4 and 6 months after implantation. The horses were sedated and stood square for lateral images of their neck. To reduce error of radiographic measurements the distance between horse and x-ray

machine was kept consistent at 76.2cm, the machine was kept on a tripod that was adjusted to provide an image of the horse's neck. The tripod height was adjusted to provide a measurement that was parallel with the ground and directed to the shaved site on the horses. All images included a metal marker of known length (for scaling), microchip and second, third and fourth vertebrae. The migration was calculated by making comparisons of distance for each horse throughout the six months. The marker and label measurements were compared to actual values to allow determination of error. Measurements were recorded from the most cranial point of the fourth vertebrae to microchip using Vetray Imaging software. [8]

Bio-thermal accuracy and precision were checked on MG (n=7) over a six-month period by comparing rectal thermometer readings with the microchip body temperatures. The scanner provided microchip body temperatures when identification tags were scanned. Weather situations included were sunny, cloudy, rain, snow and icy mixture. The ambient temperature range was 6 to 21°C. Temperatures were taken while horses were stalled and out on pasture.

All graphs were designed in Graphpad Prism.[9]

Statistics

The dermal temperature values were analyzed with nested longitudinal mixed effects ANCOVA with the covariate of outdoor (ambient) temperature. [10] The algometer readings were analyzed with nested longitudinal mixed effects ANOVA. [10] Data imputation was performed to provide a random variable between 5.44kg and 13.6kg for values above the detection limit. This relieved the normality and variance assumptions without losing data above the detection limit. Horse was a random variable and group, site and spot were fixed. Estimation used restricted maximum likelihood method for fitting linear mixed models and spatial power for the covariance structure.

Data analysis on serum amyloid A concentrations was performed using proc mixed analysis in SAS. [10] The data was log transformed to account for unequal variances and analyzed using a repeated measures heterogenous autoregressive type model. Spatial power was used for the covariance structure and estimation by the restricted maximum likelihood method.

For migration, linear regressions were performed on the distance between microchip and the most caudal portion of the fourth vertebrae for each horse using Minitab software. [11]

Performing a linear regression on microchip body temperatures compared to rectal body temperatures and comparing this with a line of identity checked bio-thermal capability accuracy and precision.

Results

There were no detectable differences in skin temperature between the microchip, sham or control groups over the measured period (Figure 3). The variable that had the greatest influence on skin temperature was ambient (outdoor) temperature with a correlation coefficient of 0.61 (p-value <0.0001) for the left control site. The average temperature during the inflammatory segment of study was 17°C with a range of 11-21°C. A site (p<0.0001) and horse (p= 0.0092) effect were found. Body temperatures ranged between 25.9 and 36.5 °C. Sites that had mane cover were several degrees higher than control sites that did not have mane covering.

The algometer exhibited a limit of detection with some horses not showing a pain reflex response with full pressure. These horses were assigned no reaction and for graphical representation were assigned the maximum value (5.44kg). Pain reflex responses that were considered were dropping of head, moving away from handler, biting or kicking. While some horses exhibited this insensitivity, one horse had to be removed from the algometer portion of the study as she was hostile with all handling procedures. There was a group by time effect (p=0.04)

and a group effect ($p= 0.009$). (Figure 4) There was also a time effect with all horses as they became less reactive to pressure over two weeks. The average force required to initiate a pain reflex response for each group was MG 7.95 ± 2.99 , SG 8.88 ± 2.16 and CG 8.56 ± 2.54 kg. Swelling began two hours post procedure and resolved within three days in both MG and SG, while no swelling occurred in CG. (Figure 5) MG had a tendency for larger swelling area with high amount of variation between individual horses. Swelling area maximums occurred at nine hours post insertion and average swelling area at this time point was MG 3.5 ± 4.19 cm and SG 1.33 ± 1.54 cm. Two MG horses did not show any visible signs of inflammation.

The geometric means for group concentrations of serum amyloid A are microchip 5.3 ± 0.33 , sham 4.81 ± 0.53 and control 4.9 ± 0.71 . There was not a detectable group effect, however there was a day effect between day 2 and 7 ($p=0.005$). (Figure 6) Two horses exhibited increases that could be linked with other inflammatory stimulations. The baseline data for these horses indicated an inflammatory state and then showed a decrease. One horse exhibited hives and the other horse presented abdominal swelling. Overall, there was a lack of relationship between local inflammatory reactions (pain, swelling and heat) due to microchip insertion and serum amyloid A content.

Error was determined by the standard deviation of the known marker measurements with an average of 0.73cm and maximum of 1.4cm. Linear regression of distance values for each individual horse between microchip and select vertebral point did not have a significant slope. P-values for each linear regression was greater than 0.05 with regression coefficients greater than 0.95. (Figure 7)

Bio-thermal capability was found to be accurate when the outside (ambient) temperature is greater than 17°C . The calculated best-fit regression of microchip (M) body temperature against rectal (R) body temperature was $M = 2.3R - 49.3$ with a correlation of 0.50. The

calculated best-fit regression of microchip (M) body temperature against ambient (A) temperature was $M = 0.15A + 34$ with a correlation of 0.39.

Discussion

The major contribution of this data was the characterization of the normal inflammatory response for needle insertion. There is data that characterize the needle insertion of caustic materials that are chosen to initiate the inflammatory response, but no research could be found to detail the response to just needle insertion. This data will aid in determining the response that is associated with needle insertion and the response that may be initiated dependent on the what is inserted (microchip, vaccination, antibiotic, etc.) For microchip insertion horse owners and veterinarians can use this as a guide for normal or average responses. When inflammation occurs outside these parameters, then precautionary measures can be taken to resolve secondary issues such as infection or abscess formation.

Horses should have resolved the local symptoms of microchip insertion after three days. Some horses (two within this study) exhibited no visible signs of inflammation (pain, swelling or temperature). Since the area was shaved in this study, it was possible to see the puncture hole caused by insertion. All holes closed within a day and were no longer visible at the completion of the study. When performing microchip insertion in horses that have not been shaved it is not possible to see the insertion puncture. [12] At the time of insertion two horses showed blood, but after wiping or holding a cotton swab over the puncture hole for two minutes or until the bleeding stopped.

MG inflammatory reaction is similar to SG, but not the same. Horses have increased sensitivity and swelling at the insertion site that resolves by three days. The increase in

sensitivity occurs during the measurement directly after insertion and the first and third day. The serum amyloid A concentrations indicate that the local reaction related to the needle insertion is not enough to invoke a systemic response. The day effect may be related to the increased stress during the handling procedure or the blood sampling, but a direct relationship cannot be obtained within this study.

There were two considerations for amending the proposed protocol. The first is to discontinue use of Nolvasan as a scrub and opt for an alternative like Povo-iodine solution, especially for horses known to have sensitive skin. The other consideration is that for horses that are tense during handling and routine vaccines it may be advisable to reduce stress in the procedure. The increased inflammatory reaction of nervous horses corresponded to observations in McKernan et al, 2009 that recorded reactions of several hundred horses. [12]

This study corroborates with other equine studies that migration does not occur with microchip identification if inserted according to the Equine Species Working group proposed protocol. The bio-thermal segment of the study supports the paper by Robinson et al, 2008 that the scannable body temperatures are accurate when ambient temperature is above 15°C. [13] The accuracy when below this ambient temperature is not consistent.

The algometer could be a useful as a tool in working with animals to gauge pain. Since animals are unable to verbalize a pain on a scale during procedures it would be interesting to make measurements of this response under various situations. Use of the algometer could provide comparison between the identification methods of tattooing and branding against microchip insertion.

Serum amyloid A(SAA) is the major acute phase protein in horses having the most pronounced response during an inflammatory response.[14, 15] There was initial doubt that the

local response would be enough to initiate a systemic response. The assay sensitivity was sufficient to detect other assaults to the immune system. One mare that presented abdominal swelling in the beginning of the study started with increased levels of SAA and decreased throughout. Another mare showed a marked increase over the two weeks and she exhibited hives in reaction to the insects. Of the two horses that showed the ideal peak related to the treatment, one did not show visible local reactions (heat, swelling or pain) and the other was in the control group.

The inflammatory markers had a day effect, but no treatment effect. Instead the average concentration increased at day two and then decreased below baseline levels at day seven. Overall it could be that the blood sampling itself caused an increase in acute phase proteins at day two, the sampling for day two would have caused an increase at day four but samples were not taken until day seven. Serum amyloid A concentrations increase during stress induced situations. [16] It may be that the stress of bringing the horses into stalls and the increased handling may provide the stimulus to increase the SAA concentrations. During the first day, they were stalled the night before and the entire day. For the remainder of the study they were in the pasture except for an hour before measurements each day.

For the more fractious horses it was recommended to reduce the stress of the procedure. Some veterinarians prefer to sedate horses prior to microchip insertion, but sedation in these sensitive animals is typically more difficult than microchip insertion. With horses that are nervous about injections, it may help to keep the insertion area from being visible during insertion. Overall, since the microchip insertion procedure is so similar to intramuscular vaccinations, veterinarians can prepare horses as they would vaccinations. Preferences of the veterinarian or owner can be used to reduce the reaction of the horse to the insertion and thus reduce the inflammatory response to microchip insertion.

This study does concur with Stein et al, 2003 and their use of the scanner to determine that migration does not occur. [5] There is some doubt as to whether the microchip is actually within the nuchal ligament. A veterinarian visually determines the insertion location as halfway between the withers and poll and several centimeters below the crest of the neck. Although this is near the site of insertion for intramuscular vaccinations the microchip is not inserted in the injection triangle. Instead the microchip is inserted above the injection triangle to prevent accidental collision between vaccinations and the microchip. Further the site for microchip insertion was chosen to be the nuchal ligament because of the lack of vascularity meaning that vaccinations should not be administered there and the microchip should cause less damage. Location of the microchip was determined during autopsy of a horse at the Pennsylvania State University. One stallion was euthanized due to reasons not related to the microchip project. Since he had been previously microchipped by a veterinarian according to the same protocol as this study (yet was not part of this study), the microchip was located and removed during autopsy. Tissue analysis was attempted, but since the microchip was situated in adipose tissue it was not possible to discern scar tissue or the extent of the inflammatory reaction. It was not expected that the microchip would be within adipose tissue, since the stallion did not appear cresty necked or over-conditioned. The microchip was not within the nuchal ligament as proposed. Since most of the mares in this study were above body conditions of six, it is even more reasonable to think that the syringe length would not be adequate to reach the ligament through adipose deposition of the neck. This leads to questions about whether movement of the microchip may occur in cases of weight loss, since this would be more similar to the subcutaneous insertion of pet identification microchips. If insertion definitely should be within the ligament to prevent migration, then eyeballing of location is not appropriate and a more accurate method needs to be established. But further research could perhaps be done to look into exact locations of the microchips and how each location affects inflammation during insertion, migration and biothermal capabilities.

As it becomes more applicable to use microchips as identification it may be important to continue to assess the microchip insertion for migration in young growing animals. For most registries, identification has to be obtained upon registration so microchip insertion will have to be performed at less than one year of age. Although the microchip may not actually be moving, the development of the tissues around the microchip could put it in a different position than anticipated. If this problem becomes apparent, it would be important to determine the ideal location, materials and age for microchip insertion.

Microchips produced by Destron-Fearing had a bio-thermal capability incorporated within the radio frequency identification tag. The benefit of using the microchips to scan body temperature are numerous including the increased safety of the handler, prevention of disease transmission and decreased time to take the measurement.[17] The bio-thermal function has been successfully used in pet animals. These studies found that the bio-thermal function read body temperatures at several degrees below rectal temperatures. [17] Since it is consistently below, the discrepancy can be accounted for by adding the difference. The concern was expressed that the bio-thermal capability may be influenced by ambient temperatures. Temperature readings were taken from the microchip and rectal temperatures for six months to encompass the variety of weather conditions and ambient temperatures available in central Pennsylvania. The paper Robinson, et al 2008, found that temperature readings were accurate when ambient temperature was greater than 15.6C.[13] Data and conclusions for biothermal capability were included because data can further substantiate their findings. Body temperatures could be taken from horses when the ambient temperature is above 17C, but otherwise the readings are neither accurate nor precise. Even adding a factor would not provide functional readings since some of the readings were comparable to rectal temperature and others were off by several degrees. As technology progresses, there may be the possibility of factoring an equation into the scanner that

automatically accounts for weather and ambient temperature, but bio-thermal capabilities are not practical for equine body temperature readings at this time.

Another factor that may influence the bio-thermal readings is location of the radio frequency identification tag. Peritoneum boluses in cattle were used to derive deep body temperature that was comparable to body temperature. [18] Perhaps, the skin proximity is why ambient temperatures and weather conditions affect the body temperature readings. Ambient temperatures may have less influence deeper insertion, but other factors may influence the temperature readings in different locations. [19] Also, possible changes in location would only be pertinent if location doesn't interfere with the ability to scan identification tags.

The radiofrequency identification tag seems a viable alternative form of identification for equid. It does not cause excessive inflammation or continued tissue irritation after insertion. It also does not migrate if implanted according to the ESWG proposed protocol. The bio-thermal capability is not practical to use for body temperature readings as designed, but the use of radio frequency identification tags as identification opens up the possibilities for other technologies to develop.

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References

[1] Vanderman, K., Swinker, A., McKernan, H., Gill, B. and Radhakrishna, R. United States equine owner's survey on the implementation of national equine identification. *J. Anim. Sci.* 2008; 86:432.

- [2. United States Department of Agriculture and Animal Plant Health Inspection Service. <http://animalid.aphis.usda.gov/nais/>. Accessed July 15, 2009.
- [3] Spire, M., Drouillard, J., Galland, J., and Sargeant, J. Use of infrared thermography to detect inflammation caused by contaminated growth promotant ear implants. *JAVMA* 1999; 215: 1320-1324.
- [4] Jansen, J., van der Waerden, J., Gwalter, R., and van Roy, S. Biological and migrational characteristics of transponders implanted into beagle dogs. *Vet Rec* 1999; 145: 329-333.
- [5] Stein, F., Geller, S., and Carter, J. Evaluation of microchip migration in horses, donkeys, and mules. *JAVMA* 2003; 223: 1316-1319.
- [6] Stafford, K., and Mellor, D. The assessment of pain in cattle: a review. *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources* 2006; 1-10.
- [7] Tri-delta diagnostics. Phase SAA ELISA. Morris, NJ.
- [8] Diagnostic Imaging Systems, Inc., Vetray Imaging Software. Rapid City, South Dakota.
- [9] Graphpad Software, Inc (1997-2007), Graphpad Prism. La Villa, CA.
- [10] SAS Institute Inc. (1999), *SAS/GRAPH Software: Reference, Version 8*, Cary, NC: SAS Institute Inc.
- [11] Minitab Inc. (2007). Minitab® Statistical Software. State College, Pa: Minitab Inc.
- [12] Mckernan, H., Swinker, A., Jedzrejewski, E., Werner, J., Miller, R. Understanding equine identification through county 4H horse programs. *Equine Science Society 2009 Proceedings*. Abstract #31616.
- [13] Robinson, Hussey, Hill, Heckendorf, Stricklin, Traub-Dargatz. Comparison of temperature readings from a percutaneous thermal sensing microchip with temperature readings from a digital rectal thermometer in equids. *JAVMA* 2008; 233; 613-617.
- [14] Nunokawa, Y., Fujinaga, T., Taira T., et al. Evaluation of serum amyloid A protein as an acute phase reactive protein in horses. *Equine Vet J* 1989;21:106-109.
- [15] Taira, T., Fujinaja, T., Tamura, K., Izumo, M., Itoh, H., Tsunoda, N., Yamashita, K., Okumura, M., and Mizuno, S. Isolation and characterization of alpha-1-acid glycoprotein from horses, and its evaluation as an acute-phase reactive protein in horses. *Am J Vet Res.* 53: 961-965.
- [16] Murata, H., Shimada, M., and Yoshioka, M. Current research on acute phase proteins in veterinary diagnosis: an overview. *Vet J* 2004; 168: 28-40.

[17] Lifechip equine radio-frequency identification (RFID) microtransponder system with Bio-Thermo technology. Destron Fearing. South St. Paul, MN. 2007

[18] Lefcourt, A., and Adams, W. Radiotelemetric measurement of body temperature in feedlot steers during winter. *J Anim Sci* 1998; 76: 1830-1837.

[19] Prendiville, D., Lowe, J., Earley, B., Spahr, C., and Kettlewell, P. Radiotelemetry systems for measuring body temperature. *Beef Production Series No. 57* 2002; 1-14

Figure 2. Diagram of insertion and control sites with spot designations.

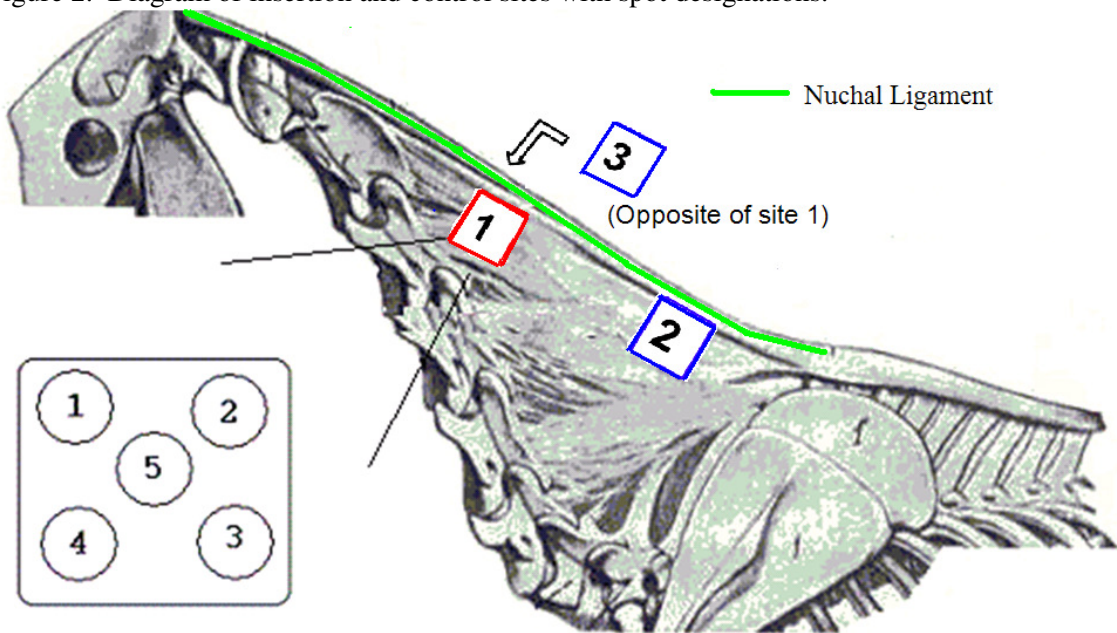


Figure 3. Temperature (°C) over time (hours or days), separated for the insertion site of microchip (n=7), needle (n=7), and control (n=4), as well as values for ambient (outdoor temperature).

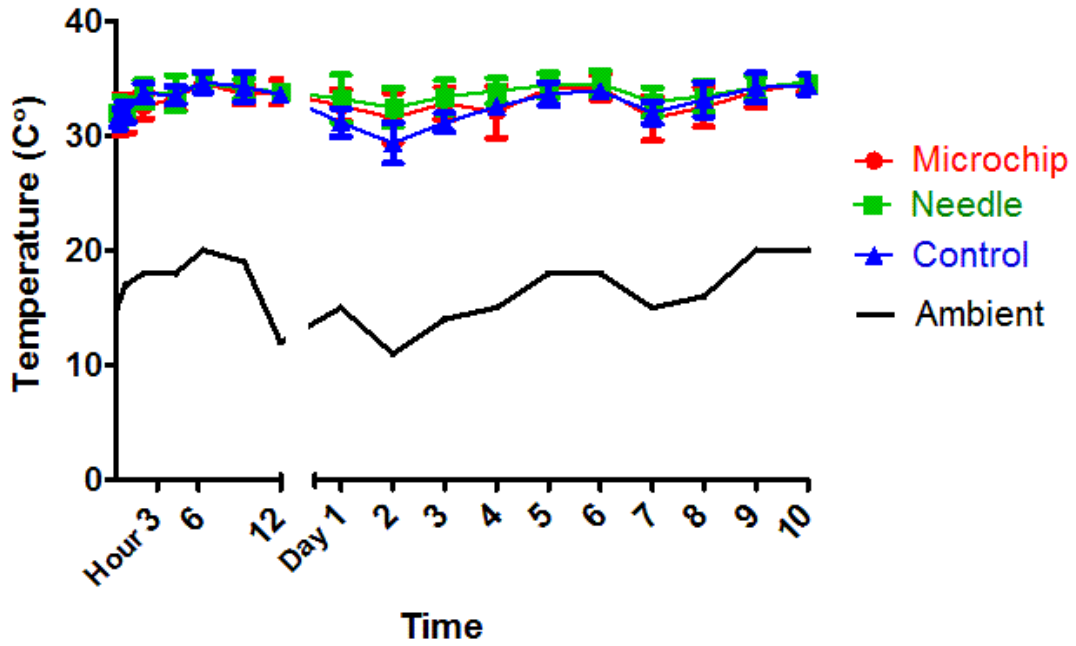


Figure 4. Algometer measurements (kg) over time (hours and then days), separated by microchip (n=6), needle (n=7), and control (n=4). Top line is the detection limit of the algometer.

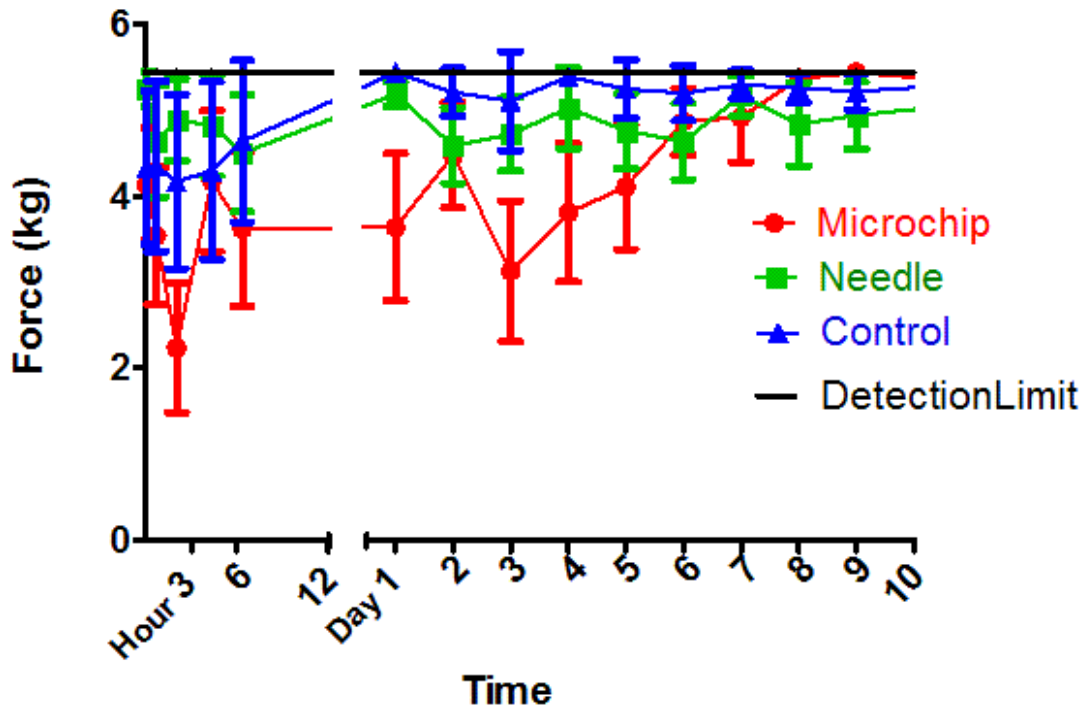


Figure 5. Swelling area measurements over time (days) and separated by groups microchip (n=7) and needle (n=7).

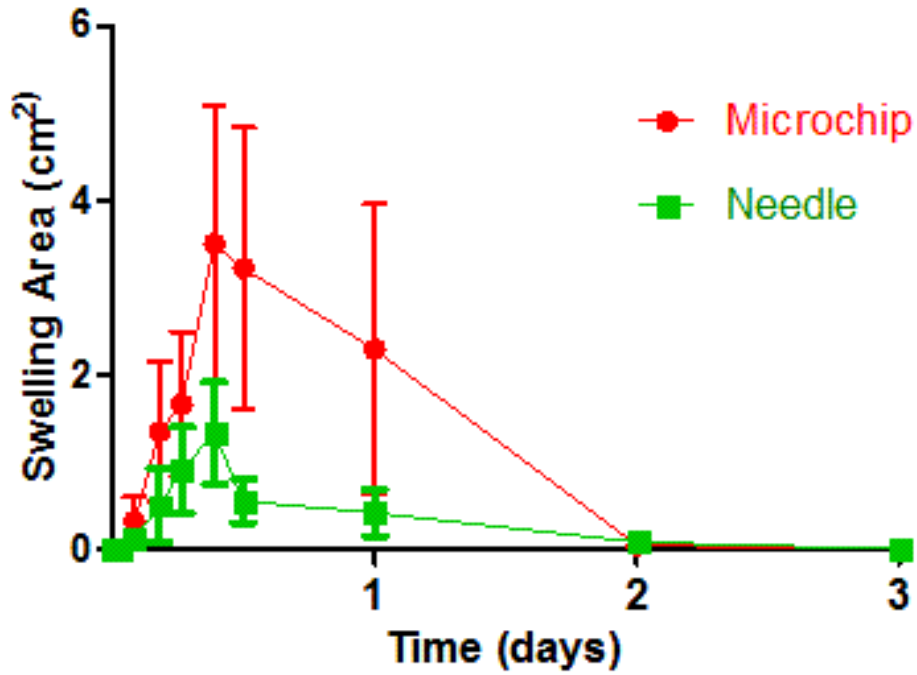


Figure 6. Geometric means of Serum Amyloid A at each sampling time (days) separated by groups microchip, needle and control.

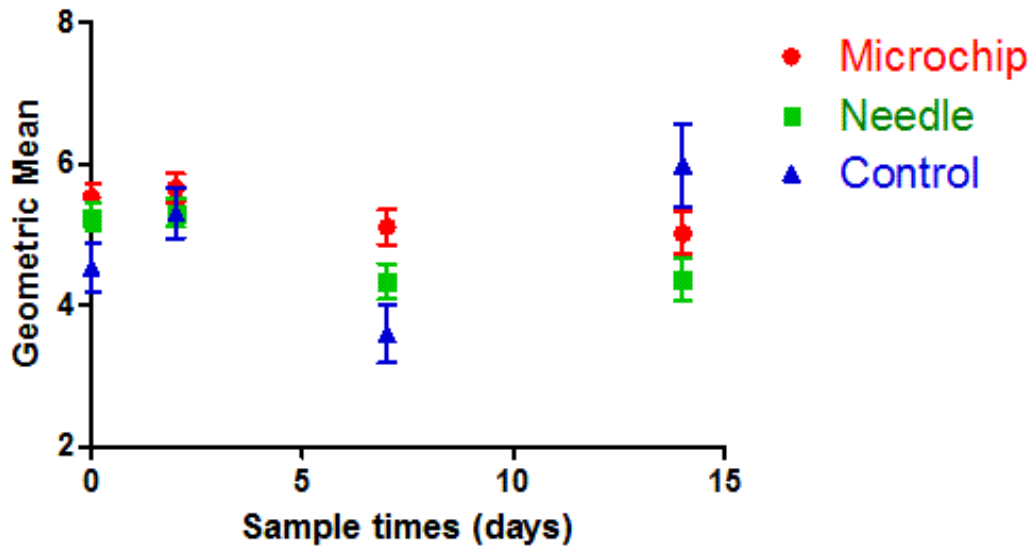


Figure 7. Distance between microchip and select vertebral point over time (months) and separated by horses 1-7.

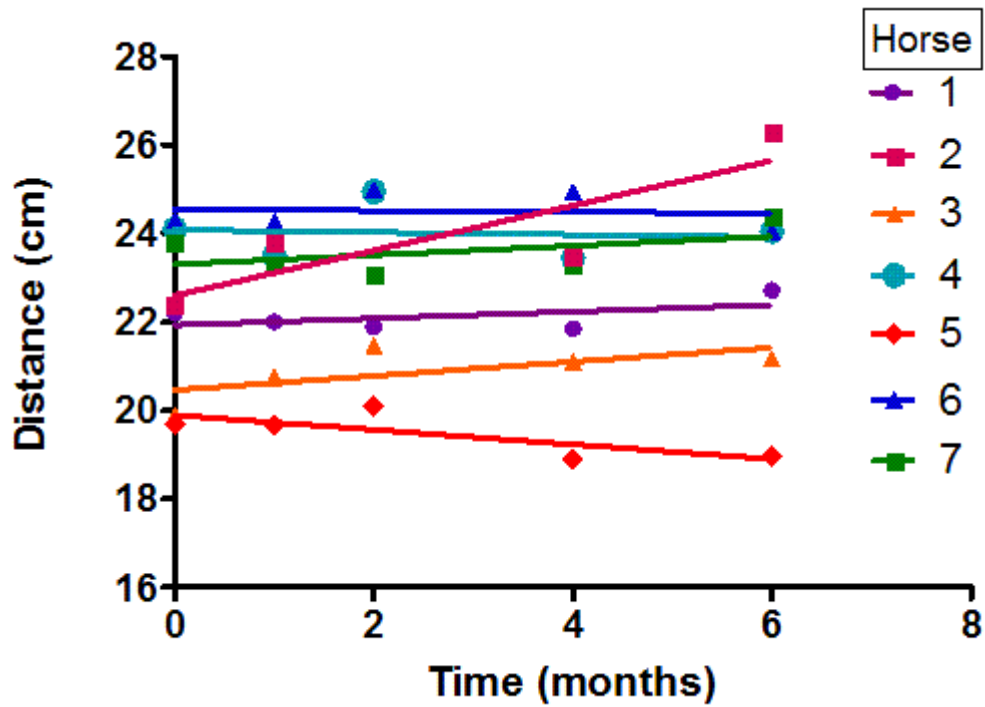


Figure 8. Regression of Bio-thermal body temperature measurements and rectal thermometer body temperature readings. Dotted line is the line of identity and solid line the regression line best fitting the data (n=60) in.

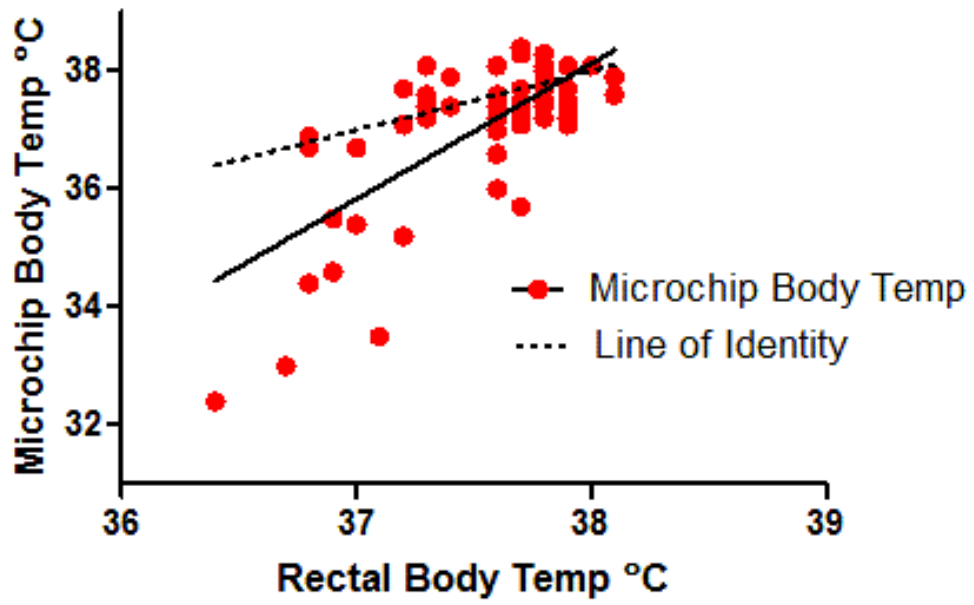
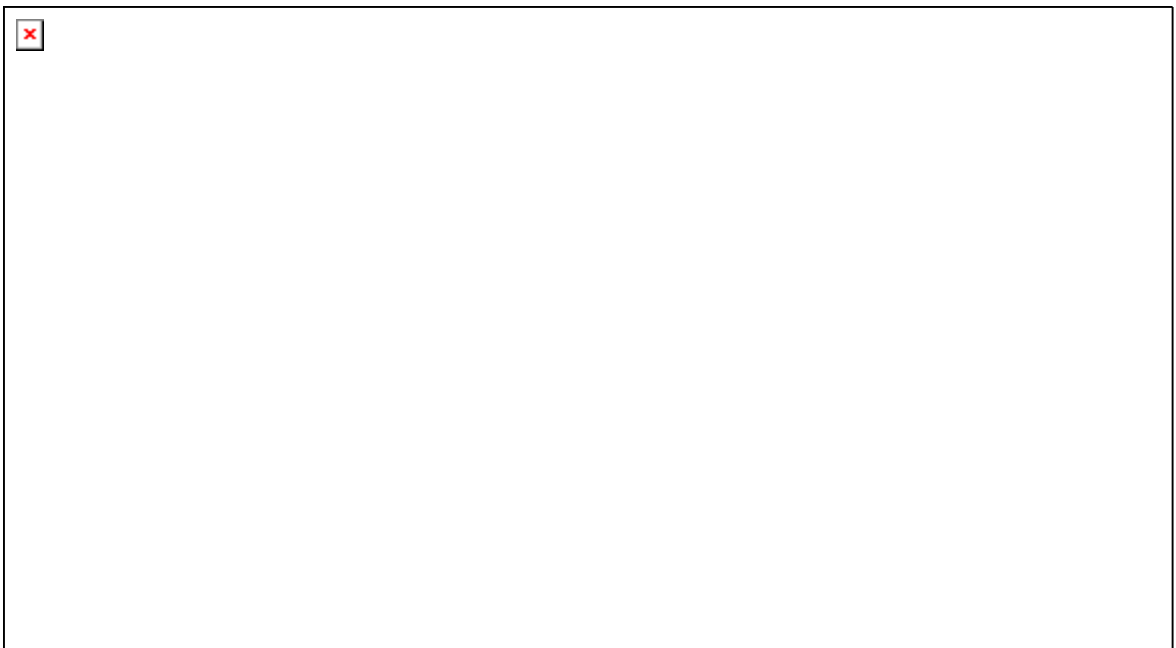


Figure 9. Comparison of Rectal and Bio-thermal Microchip body temperature readings over ambient temperature.



APPENDIX A

Serum Amyloid A

Jugular blood samples were taken from Horses 1-18. Horses are separated into groups one through three, with 1 being the experimental group that was inserted with a microchip, 2 being the group that was inserted with a needle and 3 being the control group. Samples were taken at Day 0, 2, 7 and 14 of the experiment with day 0 being immediately prior to the experiment. Blood samples were centrifuged to separate serum and frozen until analysis. Abs1 is the absorbance value at 540nm and Abs2 is the duplicate value. These values were averaged to provide an Average absorbance value. Conc is the concentration that was calculated using the formula from standard curve of the assay. The Conc-neg column is identical to Conc with the exception of the removal of negative values. The ConcxDil is the concentration multiplied by the dilution factor of this assay (500) in units of $\mu\text{l/ml}$. Protein is the measurement of total protein (g/dl) in the serum sample taken by a refractometer.

Horse	Group	Day	Abs1	Abs2	Avg	Conc	Conc-neg	ConcxDil	Protein
1	1	0	0.202	0.175	0.189	1.391	1.391	695.288	8.5
1	1	2	0.193	0.192	0.193	1.432	1.432	716.230	8.4
1	1	7							8.3
1	1	14	1.908	1.941	1.925	19.569	19.569	9784.293	8.5
2	1	0	0.138	0.133	0.136	0.836	0.836	417.801	8.6
2	1	2	0.118	0.122	0.120	0.673	0.673	336.649	8.6
2	1	7	0.117	0.109	0.113	0.600	0.600	300.000	8.8
2	1	14	0.087	0.093	0.090	0.359	0.359	179.581	9
3	1	0	0.387	0.369	0.378	3.375	3.375	1687.435	8.4
3	1	2	1.141	1.209	1.175	11.720	11.720	5860.209	8.2
3	1	7	0.183	0.165	0.174	1.239	1.239	619.372	8.2
3	1	14	0.163	0.175	0.169	1.186	1.186	593.194	8.2
4	1	0	0.175	0.142	0.159	1.076	1.076	538.220	8.3
4	1	2	0.14	0.152	0.146	0.946	0.946	472.775	8.1
4	1	7	0.12	0.144	0.132	0.087	0.087	43.324	8.1
4	1	14	0.132	0.119	0.126	0.061	0.061	30.524	8.3
5	1	0	0.21	0.206	0.208	0.386	0.386	192.989	8.4
5	1	2	0.142	0.143	0.143	0.128	0.128	64.002	8.4
5	1	7	0.098	0.096	0.097	-0.051			8.4
5	1	14	0.09	0.091	0.091	-0.077			8.4
6	1	0	0.135	0.123	0.129	0.075	0.075	37.416	8
6	1	2	0.148	0.162	0.155	0.177	0.177	88.618	8.2
6	1	7	0.181	0.172	0.177	0.262	0.262	130.957	8.5
6	1	14	0.126	0.115	0.121	0.041	0.041	20.677	7.8

7	1	0	0.13	0.125	0.128	0.069	0.069	34.462	8.6
7	1	2	0.126	0.138	0.132	0.087	0.087	43.324	8.2
7	1	7	0.116	0.166	0.141	0.122	0.122	61.048	8.4
7	1	14	0.104	0.103	0.104	-0.026			8.7
8	2	0	0.097	0.093	0.095	-0.059			8.4
8	2	2	0.12	0.127	0.124	0.053	0.053	26.585	8.2
8	2	7	0.086	0.082	0.084	-0.102			8.8
8	2	14	0.114	0.105	0.110	-0.002			8.7
9	2	0	0.141	0.131	0.136	0.102	0.102	51.201	8.6
9	2	2	0.152	0.172	0.162	0.205	0.205	102.403	8.8
9	2	7							8.6
9	2	14	0.167	0.174	0.171	0.238	0.238	119.141	8.7
10	2	0	0.157	0.154	0.156	0.179	0.179	89.602	8.4
10	2	2	0.155	0.164	0.160	0.195	0.195	97.479	8.5
10	2	7	0.125	0.131	0.128	0.071	0.071	35.447	8.2
10	2	14	0.121	0.128	0.125	0.057	0.057	28.555	8.3
11	2	0	0.231	0.209	0.220	0.433	0.433	216.621	8.1
11	2	2	0.526	0.429	0.478	1.447	1.447	723.710	8.1
11	2	7	0.182	0.17	0.176	0.260	0.260	129.972	8.5
11	2	14	0.126	0.162	0.144	0.134	0.134	66.955	8.8
12	2	0	0.103	0.304	0.204	0.368	0.368	184.128	8.1
12	2	2	0.204	0.117	0.161	0.199	0.199	99.449	8.2
12	2	7	0.181	0.183	0.182	0.284	0.284	141.788	8
12	2	14	0.088	0.089	0.089	-0.085			8.4
13	2	0	1.208	1.17	1.189	4.250	4.250	2124.852	9.4
13	2	2	0.572	0.62	0.596	1.914	1.914	957.070	9
13	2	7	0.297	0.28	0.289	0.703	0.703	351.516	9.4
13	2	14	0.302	0.328	0.315	0.807	0.807	403.702	8.4
14	2	0	0.42	0.443	0.432	1.266	1.266	633.123	8.4
14	2	2	0.517	0.492	0.505	1.554	1.554	776.881	8.7
14	2	7	0.177	0.157	0.167	0.224	0.224	112.249	8.5
14	2	14	0.149	0.209	0.179	0.272	0.272	135.880	8.8
15	3	0	0.132	0.13	0.131	0.083	0.083	41.355	8.2
15	3	2	0.186	0.184	0.185	0.295	0.295	147.696	8.6
15	3	7	0.144	0.129	0.137	0.104	0.104	52.186	8.6
15	3	14	0.163	0.155	0.159	0.193	0.193	96.495	8.7
16	3	0	0.256	0.253	0.255	0.569	0.569	284.561	8.4
16	3	2	0.449	0.447	0.448	1.331	1.331	665.616	8.4
16	3	7	0.238	0.242	0.240	0.512	0.512	256.006	8.2
16	3	14							8.3

17	3	0	0.133	0.133	0.133	0.091	0.091	45.293	8.2
17	3	2	0.157	0.15	0.154	0.171	0.171	85.664	8.6
17	3	7	0.114	0.12	0.117	0.028	0.028	13.785	8.6
17	3	14	0.099	0.097	0.098	-0.047			8.7
18	3	0	0.189	0.175	0.182	0.284	0.284	141.788	8.4
18	3	2	0.233	0.193	0.213	0.406	0.406	202.836	8.4
18	3	7	0.118	0.112	0.115	0.020	0.020	9.846	8.2
18	3	14	0.538	0.589	0.564	1.786	1.786	893.068	8.3

Appendix B

Migration

Measurements are organized by horses one through seven and then at each time interval beginning with the day of insertion Month is 0 and continuing at 1, 2, 3 and 6 months. The distance (mm) is the measurement between the microchip and the most caudal portion of the fourth vertebrae. These measurements were derived on Vetray imaging software. The label column is the measurement (mm) of the metal label that was taped to the film for the initial images. It has an actual length of 14000 and this was one of the comparisons used to determine error and magnification. The marker was an L-shaped metal wire that was taped to horse at the corner of the clipped 4x4cm insertion site. This area was kept clipped the entire six months. The actual vertical distance is 4500 mm and horizontal is 2000 mm. These measurements were used to determine the error for the measurements after month 0.

Horse	Month	Distance(mm)	Label(mm)	Marker Vertical(mm)	Marker Horizontal(mm)
1	0	22400	14000		
1	1	23818			2060
1	4	23483		3836	
1	6	26299		4174	
2	0	20300	14000		
2	1	20757		3942	
2	2	21479			2013
2	4	21091		3879	
2	6	21179		3970	
3	0	22200	14000		
3	1	22003		3707	
3	2	21888			1925
3	4	21850		3524	
3	6	22715		3848	
4	0	24100	14000		
4	1	23510		4216	
4	2	24951		4243	
4	4	23446		3861	
4	6	24057		4046	
5	0	24300	14000		
5	1	24278		3895	
5	2	24980		4120	
5	4	24937		3896	
5	6	24044		4000	

6	0	19700	14000		
6	1	19684		3440	
6	2	20100		3173	
6	4	18895		3258	
6	6	18964		3940	
7	0	23800	14000		
7	1	23323		3270	
7	2	23088		3087	
7	4	23320		3260	
7	6	24365		3986	
			Actual 14000cm	Actual 4500	Actual 2000

Appendix C

Biothermal Function

Body temperature readings are organized by horses one through seven and taken under various conditions. The Rectal°F is the body temperature measurements taken with a rectal thermometer. The Scan°C and Scan°F are body temperature measurements provided by the scanner when Biothermal identification microchips were scanned. These scanners provide body temperature in Celcius °C and Fahrenheit °F. Ambient°C is the outdoor temperature in celcius. The date that each measurement is taken is included in the Date column and weather conditions at the time of each measurement were recorded in the Weather column.

Horse	Rectal°F	Scan°C	Scan°F	Ambient°C	Date	Weather
1	100.2	37.5	99.6	18	6/17/2008	Sunny
1	100.2	37.1	98.7	20	6/18/2008	Sunny
1	98.6	35.4	95.8	12	6/24/2008	Sunny
1	99	37.7	99.8	20	7/22/2008	Partly sunny
1	99.4	37.9	100.3	20	7/29/2008	Sunny
1	99.1	38.1	100.5	21	8/9/2008	Partly cloudy
1	99.6	37.6	99.6	19	9/9/2008	Rain
1	99	35.2	95.3	9	9/30/2008	Foggy
1	99.6	36	96.9	6	10/29/2008	wintry mix
2	100.1	37.5	99.6	18	6/17/2008	Sunny
2	100.2	37.3	99.1	20	6/24/2008	Sunny
2	99.9	37.7	99.8	20	7/22/2008	Partly sunny
2	99.2	37.5	99.6	20	7/29/2008	Sunny
2	99.6	36.6	97.8	21	8/9/2008	Partly cloudy
2	99.6	37.4	99.4	19	9/9/2008	Rain
2	98.4	35.5	96	9	9/30/2008	Foggy
2	98.6	36.7	98	6	10/29/2008	wintry mix
3	100.1	37.4	99.4	20	6/24/2008	Sunny
3	100.6	37.6	99.6	20	7/22/2008	Partly sunny
3	99.9	37.5	99.6	20	7/29/2008	Sunny
3	99.8	37.1	98.7	21	8/9/2008	Partly cloudy
3	99.8	37.3	99.1	19	9/9/2008	Rain
3	99.6	37	98.7	9	9/30/2008	Foggy
3	99	37.1	98.7	6	10/29/2008	wintry mix
4	100.1	37.9	100.3	18	6/17/2008	Sunny
4	100.1	37.5	99.6	20	6/18/2008	Sunny
4	99.8	35.7	96.2	12	6/24/2008	Sunny

4	99.6	38.1	100.5	20	7/22/2008	Partly sunny
4	100	38	100.5	20	7/29/2008	Sunny
4	100	37.9	100.3	21	8/9/2008	Partly cloudy
4	99.4	37.4	99.4	19	9/9/2008	Rain
4	98	33	91.5	9	9/30/2008	Foggy
4	98.8	33.5	93.4	6	10/29/2008	wintry mix
5	100.1	37.2	98.8	18	6/17/2008	Sunny
5	100.1	37.2	98.8	20	6/24/2008	Sunny
5	99.1	37.2	98.8	20	7/22/2008	Partly sunny
5	99.6	37.2	98.9	20	7/29/2008	Sunny
5	99.7	37.2	98.9	21	8/9/2008	Partly cloudy
5	98.2	36.7	98	19	9/9/2008	Rain
5	98.5	34.6	94.2	9	9/30/2008	Foggy
5	98.2	34.4	94	6	10/29/2008	wintry mix
6	100.2	38.1	100.5	18	6/17/2008	Sunny
6	100.2	37.7	99.8	20	6/18/2008	Sunny
6	99.8	38.3	100.9	12	6/24/2008	Sunny
6	100.6	37.9	100.3	20	7/22/2008	Partly sunny
6	100	38.1	100.5	20	7/29/2008	Sunny
6	100	38.1	100.5	21	8/9/2008	Partly cloudy
6	99.9	38.4	101.2	19	9/9/2008	Rain
6	98.6	36.7	98	9	9/30/2008	Foggy
6	100	38.3	100.9	6	10/29/2008	wintry mix
6	100	37.7	99.8	18	6/17/2008	Sunny
7	100.4	38.1	100.5	18	6/17/2008	Sunny
7	100.2	37.5	99.6	20	6/18/2008	Sunny
7	100.2	37.2	98.9	12	6/24/2008	Sunny
7	99.1	37.4	99.4	20	7/22/2008	Partly sunny
7	99.1	37.6	99.6	20	7/29/2008	Sunny
7	99.2	37.6	99.6	21	8/9/2008	Partly cloudy
7	100.1	37.2	98.9	19	9/9/2008	Rain
7	97.6	32.4	90.4	9	9/30/2008	Foggy
7	98.2	36.9	98.5	6	10/29/2008	wintry mix

Appendix D

Inflammation

Measurements are organized by Horse 1-18. Horses are separated into Groups one through three, with 1 being the experimental group that was inserted with a microchip, 2 being the group that was inserted with a needle and 3 being the control group. The Age in years of each horse is included at each measurement. The Preg column is the pregnancy status of each mare, with zero being open (not pregnant) and one being confirmed pregnant. The measurements are further divided by Site, there are three sites with one being the insertion (experimental) site, two being a control closer to the withers of the horse and three being a control on the opposite side of the horse's neck. The insertion site is halfway between withers and poll and 2-3cm below the crest of the horse's neck. Spot is used for the dermal (skin) thermometer measurements only. This differentiation was necessary to account for the exact insertion site (5) and the four peripheral corners around the insertion site, which are top left (1), top right (2), bottom right (3) and bottom left (4). The Time column is in minutes and these are each time period that measurements were taken over the entire two weeks. Time equals zero is the measurement just prior to the experiment and provides baseline values. Temp is the skin temperature measurement in Celcius. Amb is the ambient (outdoor) temperature at each measurement. Mane refers to whether the particular site (1-3) that is being measured is either covered (Mane = 1) or not covered (Mane = 0). Alg contains the measurements of pressure necessary to induce a pain response. These values are in kilograms and were performed in the middle of each site (spot 5) for a repetition of three times. Horses that did not show a pain reflex response were designated with a maximum of 5.44kg for graphical representation. Avg Alg is the average of the three repeated algometer measurements. SwellL is the swelling length while SwellW is the swelling width. These measurements are in centimeters and are used to approximate swelling area.

Horse	Age	Group	Preg	Site	Spot	Time	Temp	Amb	Mane	Alg(kg)	Avg(kg)	SwellL	SwellW
1	23	1	0	1	1	0	28.6	15	1				
1	23	1	0	1	2	0	28.6	15	1				
1	23	1	0	1	3	0	30.5	15	1				
1	23	1	0	1	4	0	30.6	15	1				
1	23	1	0	1	5	0	29.8	15	1	5.4	5.1		
1	23	1	0	1	5	0				5.0			
1	23	1	0	1	5	0				4.8			
1	23	1	0	1	1	40	28.5	17	1				
1	23	1	0	1	2	40	27.6	17	1				
1	23	1	0	1	3	40	29.6	17	1				
1	23	1	0	1	4	40	30.2	17	1				
1	23	1	0	1	5	40	29.5	17	1	2.0	2.9		
1	23	1	0	1	5	40				1.2			
1	23	1	0	1	5	40				5.4			
1	23	1	0	1	1	120	30.9	18	1				
1	23	1	0	1	2	120	29.9	18	1				
1	23	1	0	1	3	120	30.7	18	1				
1	23	1	0	1	4	120	31.2	18	1				

1	23	1	0	1	5	120	31.3	18	1	2.0	1.9		
1	23	1	0	1	5	120				1.7			
1	23	1	0	1	5	120				2.0			
1	23	1	0	1	1	260	32.6	18	1			0.25	0.25
1	23	1	0	1	2	260	32.1	18	1				
1	23	1	0	1	3	260	32.4	18	1				
1	23	1	0	1	4	260	33.4	18	1				
1	23	1	0	1	5	260	33.2	18	1	5.0	5.3		
1	23	1	0	1	5	260				5.4			
1	23	1	0	1	5	260				5.4			
1	23	1	0	1	1	380	33.9	20	1			0.50	0.50
1	23	1	0	1	2	380	33.7	20	1				
1	23	1	0	1	3	380	33.6	20	1				
1	23	1	0	1	4	380	33.4	20	1				
1	23	1	0	1	5	380	34.4	20	1	2.0	2.1		
1	23	1	0	1	5	380				1.4			
1	23	1	0	1	5	380				2.9			
1	23	1	0	1	1	560	32.7	19	1			0.50	0.50
1	23	1	0	1	2	560	32.6	19	1				
1	23	1	0	1	3	560	32.7	19	1				
1	23	1	0	1	4	560	32.9	19	1				
1	23	1	0	1	5	560	33.3	19	1				
1	23	1	0	1	1	720	33.5	12	1			1.00	1.00
1	23	1	0	1	2	720	32.8	12	1				
1	23	1	0	1	3	720	32.6	12	1				
1	23	1	0	1	4	720	33	12	1				
1	23	1	0	1	5	720	33.7	12	1				
1	23	1	0	1	1	1440	31.8	15	1			1.00	0.50
1	23	1	0	1	2	1440	31.2	15	1				
1	23	1	0	1	3	1440	31.9	15	1				
1	23	1	0	1	4	1440	32.7	15	1				
1	23	1	0	1	5	1440	33	15	1	4.0	3.5		
1	23	1	0	1	5	1440				2.5			
1	23	1	0	1	5	1440				4.0			
1	23	1	0	1	1	2880	33	11	1				
1	23	1	0	1	2	2880	29.2	11	1				
1	23	1	0	1	3	2880	32.3	11	1				
1	23	1	0	1	4	2880	32.9	11	1				
1	23	1	0	1	5	2880	33.1	11	1	4.7	4.3		
1	23	1	0	1	5	2880				4.6			
1	23	1	0	1	5	2880				3.7			
1	23	1	0	1	1	4320	33.5	14	1				
1	23	1	0	1	2	4320	33.1	14	1				
1	23	1	0	1	3	4320	32.8	14	1				
1	23	1	0	1	4	4320	33.2	14	1				
1	23	1	0	1	5	4320	33.9	14	1	2.9	3.5		
1	23	1	0	1	5	4320				4.3			
1	23	1	0	1	5	4320				3.2			
1	23	1	0	1	1	5760	27.8	15	1				

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7	17	1	1	1	5	260				5.4			
7	17	1	1	1	5	260				5.4			
7	17	1	1	1	1	380	35.4	20	0			0.50	0.50
7	17	1	1	1	2	380	35.1	20	0				
7	17	1	1	1	3	380	35.1	20	0				
7	17	1	1	1	4	380	35.1	20	0				
7	17	1	1	1	5	380	34.9	20	0	5.4	5.4		
7	17	1	1	1	5	380				5.4			
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7	17	1	1	1	1	560	34.3	19	0			2.00	1.00
7	17	1	1	1	2	560	34.8	19	0				
7	17	1	1	1	3	560	33.6	19	0				
7	17	1	1	1	4	560	33.7	19	0				
7	17	1	1	1	5	560	33.9	19	0				
7	17	1	1	1	1	720	34.87	12	0			0.50	0.50
7	17	1	1	1	2	720	34.8	12	0				
7	17	1	1	1	3	720	34.6	12	0				
7	17	1	1	1	4	720	34.2	12	0				
7	17	1	1	1	5	720	34.7	12	0				
7	17	1	1	1	1	1440	33.3	15	0			0.50	0.50
7	17	1	1	1	2	1440	34.2	15	0				
7	17	1	1	1	3	1440	33.3	15	0				
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7	17	1	1	1	2	2880	32.1	11	0				
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7	17	1	1	1	4	2880	31.2	11	0				
7	17	1	1	1	5	2880	32.8	11	0	5.4	5.0		
7	17	1	1	1	5	2880				5.0			
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7	17	1	1	1	1	4320	32.6	14	0				
7	17	1	1	1	2	4320	33	14	0				
7	17	1	1	1	3	4320	32	14	0				
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7	17	1	1	1	3	8640	33.9	18	0		
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7	17	1	1	1	3	10080	32.8	15	0		
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8	15	2	0	1	2	40	30.9	17	0					
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8	15	2	0	1	5	40				1.0				
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17	7	3	1	2	4	15840	33.8	21	0		
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17	7	3	1	2	1	17280	30.2	20	0		
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17	7	3	1	2	5	17280	31	20	0		
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17	7	3	1	2	3	18720	32.8	18	0		
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17	7	3	1	2	5	20160				5.4	
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18	7	3	1	2	4	10080	32	15	0		
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18	7	3	1	2	1	11520	34.9	16	0		
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18	7	3	1	2	5	11520	35.1	16	0	5.4	5.4
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18	7	3	1	2	4	12960	33.8	20	0		
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18	7	3	1	2	4	14400	33.8	20	0		
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Megan I Gerber

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EDUCATION

- 2008- 2009 M. S. Dairy and Animal Sciences
The Pennsylvania State University, University Park
Thesis “Health factors associated with microchip insertion in horses”
- 2004-2008 B. S. Dairy and Animal Sciences (Science Option)

Equine Minor
The Pennsylvania State University, University Park

WORK EXPERIENCE

- January 2008- August 2009 **Graduate Assistant**, The Pennsylvania State University
-Designed, coordinated and participated in research studies, laboratory work, and classroom lectures
- Spring 2007, 2008 & 2009 Assisted in training and showing of horses in the Penn State Annual Quarter Horse Auction
- Summer 2007 Trained for and exhibited at the Pennsylvania Quarter Horse Futurity with Penn State owned and bred Quarter horses
- Fall 2008 **Teaching Assistant**
-Advanced Horse Production and Management, AnSc 407
- Spring 2009 -Riding Instructor Training Class, AnSc 497
- August 2007-08 **Riding Clinician**-Ag Progress Days, PSU College of Agricultural 30,000 participants, demonstrations pertaining to Dressage, Secure Seat Program and Gaming
- June, 10 2007 -4H Horse Camp Clinton County, 4H Extension Camp with 100 adult/youth participants – worked with riders through the Secure Seat Program
- May 17, 2008 -4H Horse Clinic Jefferson County, 4H Extension Outreach with 50 adult/youth participants – worked with riders through the Secure Seat Program
- May 2003- Present **Riding Instructor**
Taught lessons in hunter, jumper, equitation, pleasure, reining, therapeutic, showing and training

May 2003- **Stable Manager**
January 2008 Full care of lesson stable with 12-14 horses, including training, sales and show preparation.

May 2003- **Horse Trainer**
Present -Ground training has included halter breaking, longeline, ground driving, and roundpenning
-Under saddle training has included hunter, jumper, pleasure (English and Western), preparation for lessons, showing, trailriding, reining and gaming.
-Trained stallions for riding and assisted handling of stallions for collection.

May 2004- **Hoof care practitioner-** Performed trimming for performance horses.
Present

CERTIFICATIONS AND SPECIAL SKILLS

Spring 2009 1st Place Winner of the Health and Life Sciences Poster Segment of the Penn State University Graduate Exhibition (University-wide competition of graduate students)

2008-Present 4H horse club leader and coach of youth horse judging team- Team won first place in Junior Division at the Pennsylvania 4H State Days Horse judging contest in 2008

Fall 2008 Penn State Horse Judging Team Participant, competed at 2008 All American Quarter Horse Congress

Fall 2006-07 Awarded National Science & Mathematics Access to Retain Talent Grant
& Spring 2007 (specific science or mathematic major, GPA > 3.0), U.S. Department of Education

June&October Pennsylvania Equine Council for Therapeutic Riding Instructor Certification
2006 (Phases I and II)

May 2005 American Association for Horsemanship Safety Certification

PUBLISHED WORKS

Gerber M.I., Swinker, A.M., Staniar, W.B., Werner, J.R., Jedrzejewski, E.A., Macrina, A.L. Health factors associated with microchip insertion in horses. 2009 Eq. Sci. Soc. Proceedings. (Abstr.)

Gerber M.I., Swinker, A.M., Staniar, W.B., Werner, J.R., Jedrzejewski, E.A., Macrina, A.L. Health factors associated with microchip insertion in horses. 2009. J. Eq. Vet. Sci. (Pending)