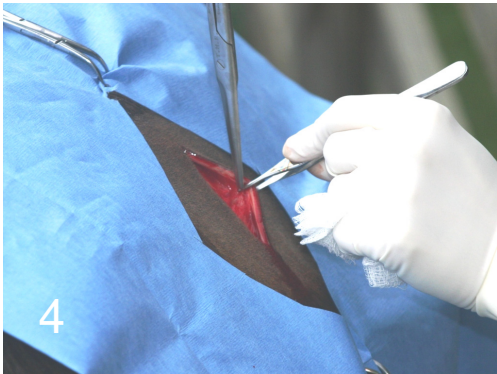
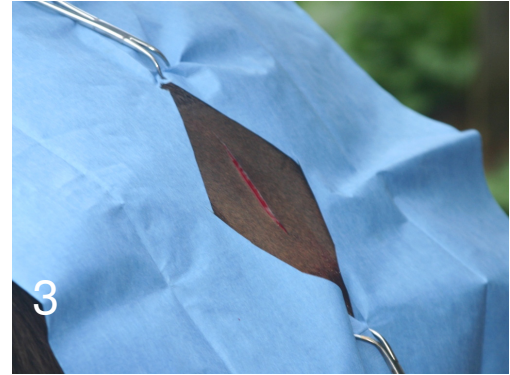


# Equine Adipose Collection Procedure



**Vet-Stem**  
Regenerative Veterinary Medicine®

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## Equine Adipose Collection Procedure

- Prior to the collection process, verify that your collection kit has at least one collection vial per horse, and that the shipping block has been adequately frozen.
- Adipose Collection is performed under standing sedation and local anesthesia; sedation sufficient for normal laceration repair will be sufficient for the collection process
- The collection site is located 4 inches lateral and proximal to the tail head. The most dorsal aspect of the tail head forms the ventral most aspect of the collection site. Subcutaneous adipose tissue can be visualized via ultrasound.
- A region 3 times the collection site is clipped and prepared using aseptic technique.(1)
- Approximately 20 mls of lidocaine are infused in an upside down U pattern to anesthetize the skin and subcutaneous tissues.(2)
- A 2 to 8 cm dorso-ventral skin incision is made in the middle of the “U” to avoid excessive lidocaine infiltration in the collection site.(3)
- Underlying adipose tissue can be visualized immediately under the skin incision (4)
- Using blunt dissection, separate the skin from underlying adipose approximately 1-2 cm laterally on each margin of the incision line.(5)
- Place the tissue in the provided sterile collection vial and verify sufficient sample size for treatment purposes compared to indicators on tube label and write the horses’ name on the label.(6)
- The incision may be closed in single or multiple layers using standard suture patterns or skin staples. (7, 8)
- Place filled collection vial in Vet-Stem Collection Kit and include the completed laboratory submission form and owner consent form.
- Use of antibiotics is at the discretion of the attending veterinarian.
- Sutures are removed 10 to 14 days following the collection procedure.