



# BattLab

Quality Veterinary Diagnostics from Disease to Optimal Health

# LABOKLIN

LABORATORY FOR CLINICAL DIAGNOSTICS

## Skin Biopsy Guide

Dr Carmen Lorente Méndez, DVM, PhD, DipECVD.

### Punch biopsy

Samples should include  
lesional skin only or a  
centrally placed lesion

Trimming lines in Laboratory



Correct



Skin lesion included



Incorrect



As the lesion is not  
centered, the trimmed  
sections may not be  
representative

### Scalpel biopsy

How to sample

Trimming lines in  
Laboratory



Correct



Incorrect





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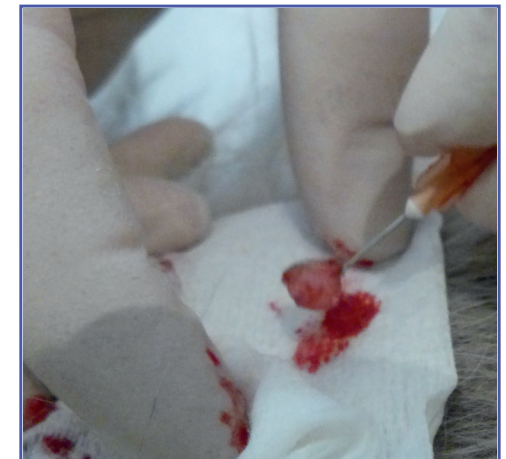
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## Skin Biopsy Guide

### Punch biopsy technique

Pictures Dr Carmen Lorente



1. Sedate the animal
2. Mark the sample area
3. Apply subcutaneous lidocaine

4. Rotate the punch, always in the same direction

Whenever possible use 8 mm punch, 6 mm is acceptable

5. Elevate the skin cylinder with a needle (do not use forceps)
6. Excise through the subcutaneous layer and obtain the sample

7. Clean the sample over gauze
8. Introduce into formalin
9. Close the wound

Do not surgically prepare the skin for the procedure, if required trim hair

Use 4 mm punch exclusively in very delicate areas (e.g. nose)