

# Treatment of Trauma Sites of Southern White Rhino



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# Introduction



- For a number of years  
Magpies have been creating



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# Nowana



- Captive Born – 1978
- Oldest Rhino in collection
- Produced x3 Calves
- Only has 1 eye
- Dropped Tendon in hind left
  
- Nervous Individual





# Mikumi



- Captive Born: 1990
- Produced x2 Calves
- Confident around keepers
- Relatively easy to train.



# Preventative Treatments Applied to Wounds



- Mud



# Preventative Treatments Applied to Wounds



- Mud + Curry Powder
- Mud + Turmeric
- Mud + Mustard Powder
- Mud + Mustard Powder + Turmeric
- Sudocream/Aqueous Cream
- Plasters
- Vaseline + Chili Powder (Most Recent deterrent)

# Other Preventative Methods



- Placing a feeding station near to the Rhino paddock with a meat substitute
- Removing some of the Magpie population around the zoo
- Flying Bird Display Team using a Sparrow hawk to keep them away.



# Trauma Sites at Beginning



**Mikumi**



**03/02/2015**

**Nowana**



**03/02/2015**



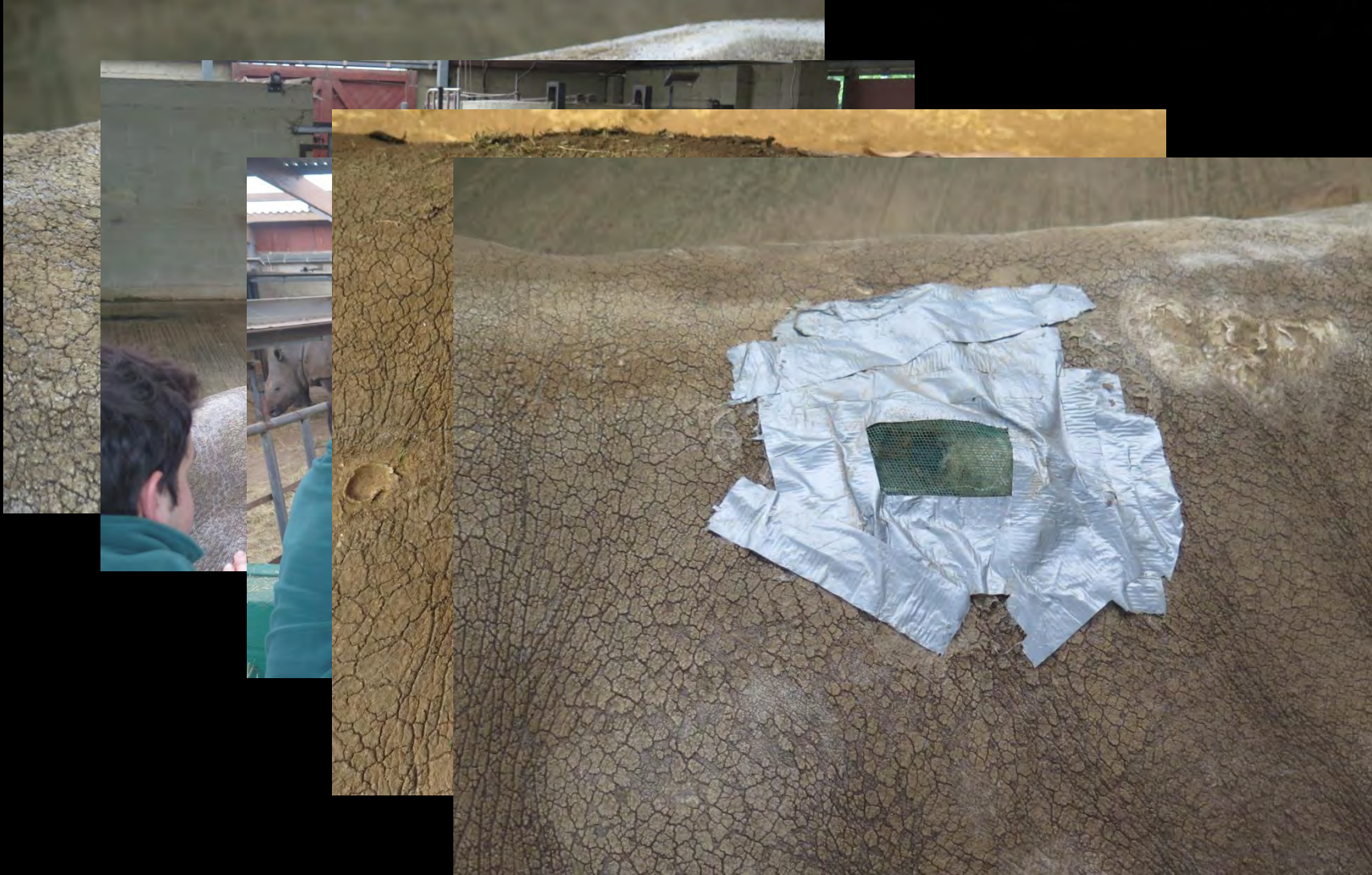
# Laser Treatment



- Stimulates Cells that are not working at full capacity due to trauma by reenergising them with the use of light.
- Giving someone who has completed a late night shift a caffeine boost.



# Plasters & Netting





# Trauma Sites at End



**Mikumi**



**23/04/2015**

**Nowana**



**23/04/2015**



# An Ongoing Battle – Magpie Behaviour



- Individuals becoming more confident – flying into house during the day

- Only at

- Attacking



# Conclusion



- Laser treatment appears to help with the healing process.
- Covering trauma sites produces the best effects for recovery + best deterrent.
- Most important focus to look at preventatives for future attacks.

- Look for other alternative methods to act as Magpie deterrents
- A combination of a number of deterrents and measures?
- Any Suggestions?



**Thank you**

