
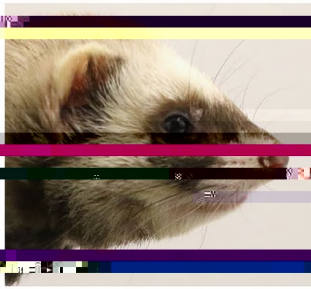
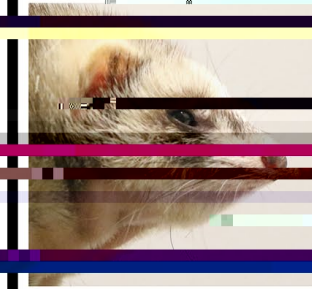

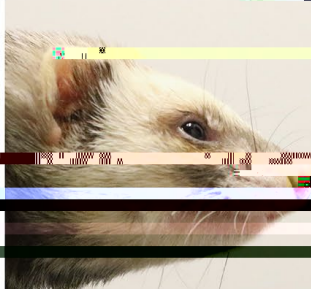
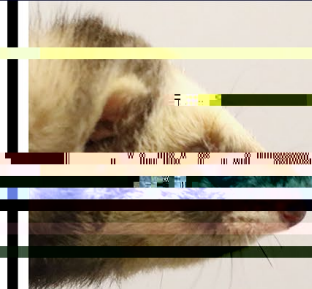
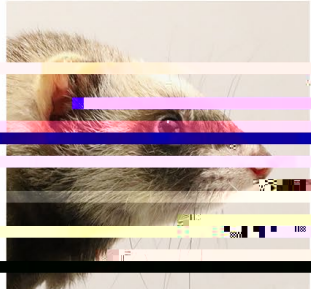
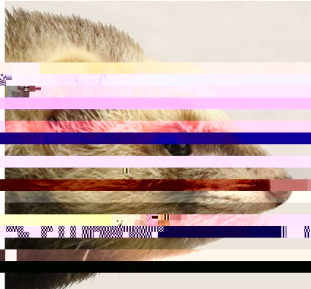
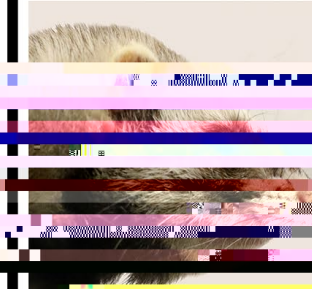
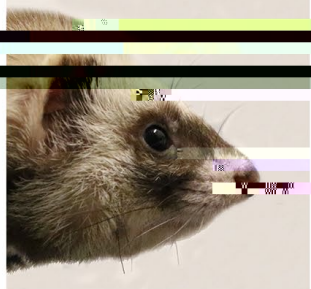
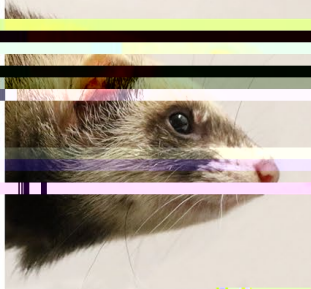
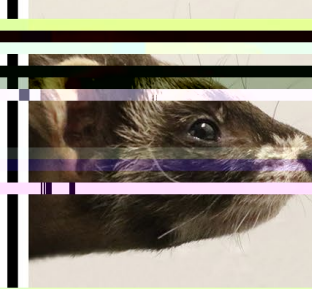

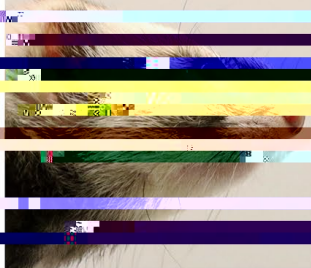
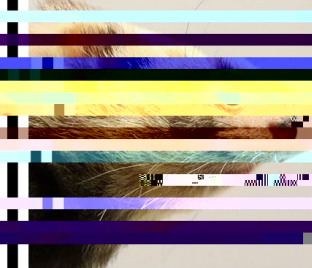


STANDARD OPERATING PROCEDURE #122
FERRET ANALGESIA

4.5. Ferret Grimace Scale (Reijgwart et al. 2017)

The ferret grimace scale is a standardized behavioral coding system that demonstrates facial expressions which can be used to assess pain in the laboratory ferret.

	Not present (0)	Moderately present (1)	Obviously present (2)
<p>Orbital tightening</p> <ul style="list-style-type: none"> ▪ The eyelids close (orbital area narrows) ▪ A wrinkle may be visible around the eye 			
<p>Nose bulging</p> <ul style="list-style-type: none"> ▪ The nose is pulled down ▪ The nose rounds off ▪ The nostrils point down ▪ The bridge of the nose bulges 			
<p>Cheek bulging</p> <ul style="list-style-type: none"> ▪ The cheek muscles bulge ▪ The contour of the cheeks become visible ▪ the cheek may be pulled up at the side of the ear 			
<p>Ear changes</p> <ul style="list-style-type: none"> ▪ The ears are pulled back against the body ▪ The ears may form a pointed shape ▪ The ears may fold over 			
<p>Whisker retraction</p> <ul style="list-style-type: none"> ▪ The whiskers are pulled back against the cheek ▪ The whisker follicles converge caudally ▪ The whiskers clump together 			

5. ANALGESIA PLAN

5.1. If possible, provide analgesia before the painful

