Practical: Cow Eye Dissection

Time frame: 1 minute total

Practicals are considered a testing situation. Students are expected to work on their own assigned task individually.

Quality of Dissection (3pts total). Students will work as a pair or individually depending on the number of students in the lab, each student will be responsible for one of the following dissection tasks:

1. Quality of the frontal cut to section the anterior cornea from the posterior sclera.
2. Quality of the removal of the vitreous humor from the posterior chamber, leaving the retina in tact.

Anatomical Identification (7pts total).
Individually, each student will identify structures and spaces of their specimen using their blunt probe by touching the structure or indicating the space as instructed by the instructor. Structures and Spaces may include any of the following:

- adipose
- anterior chamber
- anterior segment
- aqueous humor
- choroid layer
- ciliary body
- conjunctiva
- cornea
- extrinsic eye muscles
- fovea centralis
- iris
- lens
- optic disc or blind spot
- optic nerve
- posterior chamber
- posterior segment
- pupil
- retina
- sclera
- suspensory ligaments/ciliary zonules
- tapetum lucidum
- vitreous humor or vitreous body

At the instructor’s discretion, students may be allowed to use their properly prepared notebooks (only) as reference material, and the student moves through the identifications quickly and efficiently.