

down bar away from skull and make two vertical cuts and another horizontal cut in skull, so a small rectangular piece of skull can be removed.

Lower drop down bar and position cannulae. They should fit within rectangular window. Where the cannulae touch the underlying second layer of bone make a small hole with a syringe needle tip. Remove any blood with Kim wipe.

Lower cannulae through holes in second layer of bone. Watch for depression of dura mater. If dura is intact, raise drop down bar and cut dura with syringe needle tip. When cannulae are lowered and no depression of dura occurs, position cannulae such that they are resting on surface of brain. Lower cannulae by  $\frac{1}{2}$  turn of stereotax knob.

Add cyanoacrylate glue around cannulae and allow to dry. Slowly remove wire holding cannulae to drop down bar. Mix dental powder and solution and wait to harden. Pipette small amounts of dental cement around cannulae and allow to harden. Add second layer of cyanoacrylate glue on top of dental cement.

Moisten skin flaps and push with cotton applicators around edges of dental cement platform and glue into place. Remove bird from stereotax and return to cage. Add heat lamp and let recover over next several hours.