Early Development
Stages of the Chick embryo
Whole mount of 48 hours chick embryo

- Cranial flexure of 5 part brain
- Eye
- Heart tube twisted upon itself
- Anterior intestinal portal
- Lateral body folds
- Tail bud
- Tail fold
Vertical section of 48 hours chick embryo

Mesencephalon
Metencephalon
Diencephalon
Myelencephalon
Stomodeum
Telencephalon
Truncus arteriosus
Pharynx
Sinoatrial region of heart
Ventricle
Notochord
Coelom
Descending aorta
Somite
Spinal cord
C.S. through the eye and pharynx of 48 hours chick embryo
C.S. through the heart of 48 hours chick embryo
C.S. through the anterior intestinal port of 48 hours chick embryo
C.S. through the trunk region of 48 hours chick embryo with lateral body fold
C.S. through the trunk region of 48 hours chick embryo
The 72 Hour Chick Embryo Whole Mount
The 72 Hour Chick Embryo Whole Mount
Cross Section of the 72 Hour Chick Embryo through the head and heart
Cross Section of the 72 Hour Chick Embryo through the head and heart

- Spinal Cord
- Somite
- Notochord
- Descending aorta
- Anterior cardinal vein
- Pharynx
- Aortic arch
- Pharyngeal pouch
- Pharyngeal arch
- Internal carotid artery
- Metencephalon
- Mesencephalon
Whole mounts of 72-Hour Chick Embryo
Areas of the brain

- myelencephalon
- spinal cord
- metencephalon
- mesencephalon
- epiphysis
- telencephalon
- diencephalon
Cranial nerves and sensory structures

- cranial nerve IX
- cranial nerve VII & VIII
- cranial nerve V
- optic vesicle
- optic cup
- lens
- olfactory placode
Limb buds, tail bud and somites
Whole mounts of 96-Hour Chick Embryo
Areas of the brain

- myelencephalon
- metencephalon
- mesencephalon
- epiphysis
- diencephalon
- telencephalon
- spinal cord
Cranial nerves and sensory structures
Limb buds, tail bud, somites, and allantois
Chambers of the heart

- atrium
- sinus venosus
- conus arteriosus
- ventricle
Thank You