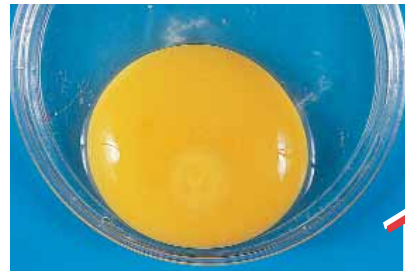




# CHICK EMBRYO DEVELOPMENT



INFERTILE  
• No development.



DAY 1  
• Appearance of tissue development.



DAY 2  
• Tissue development very visible.  
• Appearance of blood vessels.



DAY 3  
• Heart beats.  
• Blood vessels very visible.



DAY 4  
• Eye pigmented.



DAY 5  
• Appearance of elbows and knees.



DAY 6  
• Appearance of beak.  
• Voluntary movements begin.



DAY 7  
• Comb growth begins.  
• Egg tooth begins to appear.



DAY 8  
• Feather tracts seen.  
• Upper and lower beak equal in length.



DAY 9  
• Embryo starts to look bird-like.  
• Mouth opening appears.



DAY 10  
• Egg tooth prominent.  
• Toe nails.



DAY 11  
• Comb serrated.  
• Tail feathers apparent.



DAY 12  
• Toes fully formed.  
• First few visible feathers.



DAY 13  
• Appearance of scales.  
• Body covered lightly with feathers.



DAY 14  
• Embryo turns head towards large end of egg.



DAY 15  
• Gut is drawn into abdominal cavity.



DAY 16  
• Feathers cover complete body.  
• Albumen nearly gone.



DAY 17  
• Amniotic fluid decreases.  
• Head is between legs.



DAY 18  
• Growth of embryo nearly complete.  
• Yolk sac is still on outside of embryo.  
• Head is under the right wing



DAY 19  
• Yolk sac draws into body cavity.  
• Amniotic fluid gone.  
• Embryo occupies most of space within egg (not in the air cell).



DAY 20  
• Yolk sac drawn completely into body.  
• Embryo becomes a chick (breathing in air cell).  
• Internal and external pip.

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