

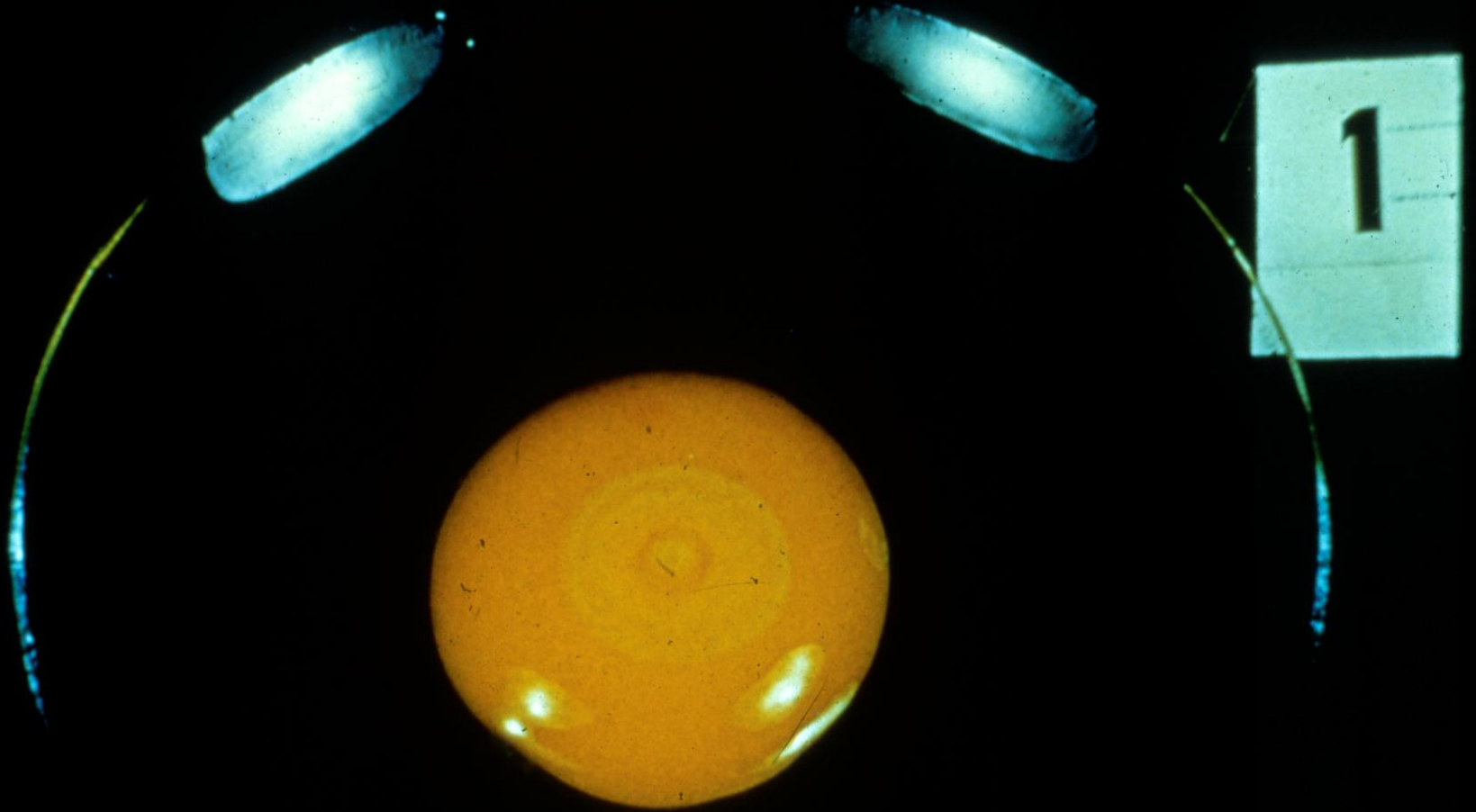
4-H Embryology Project

From Egg.....To Chick

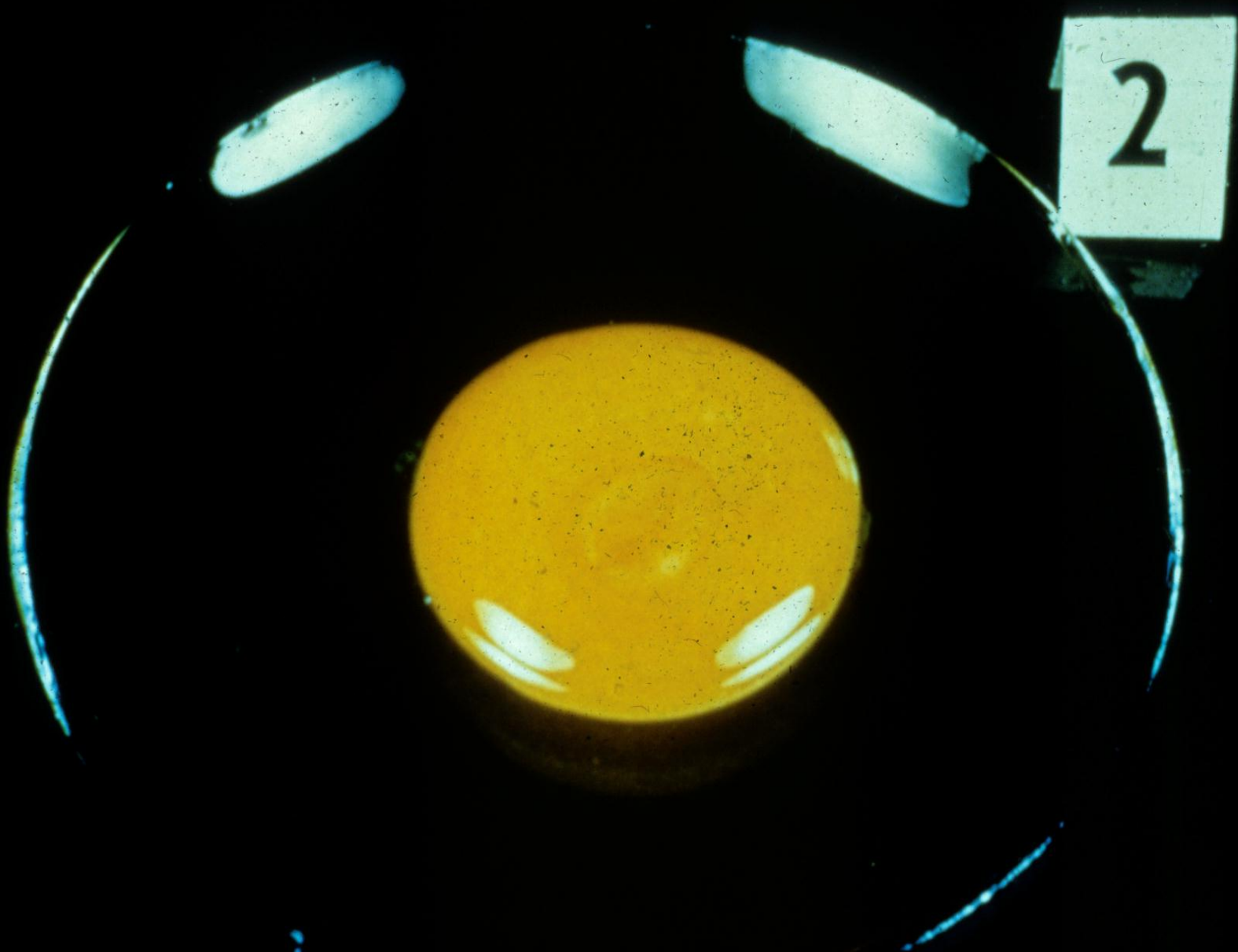
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Cooperative Extension



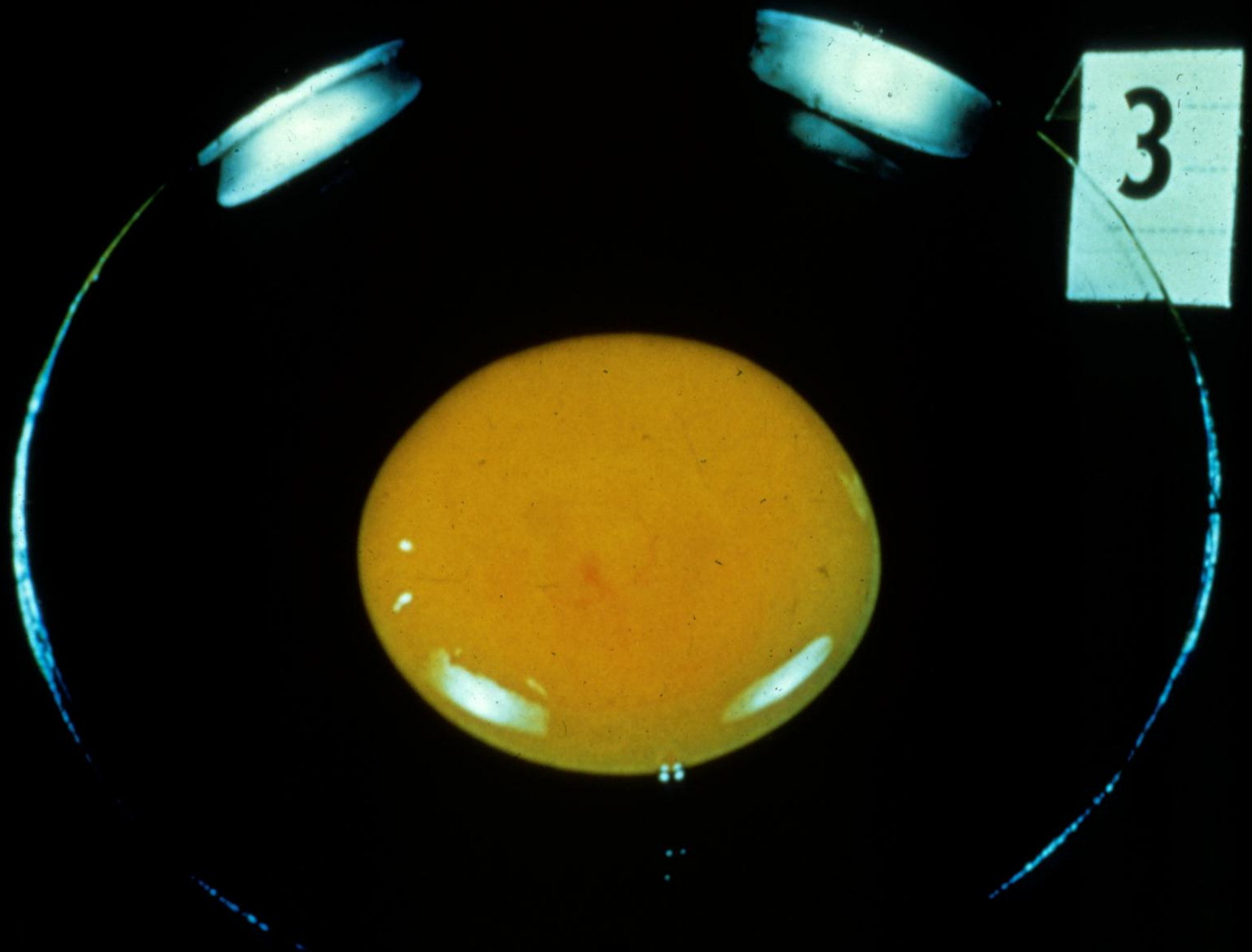
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Day 1: Head, brain, eye, and spinal cord begin to form.



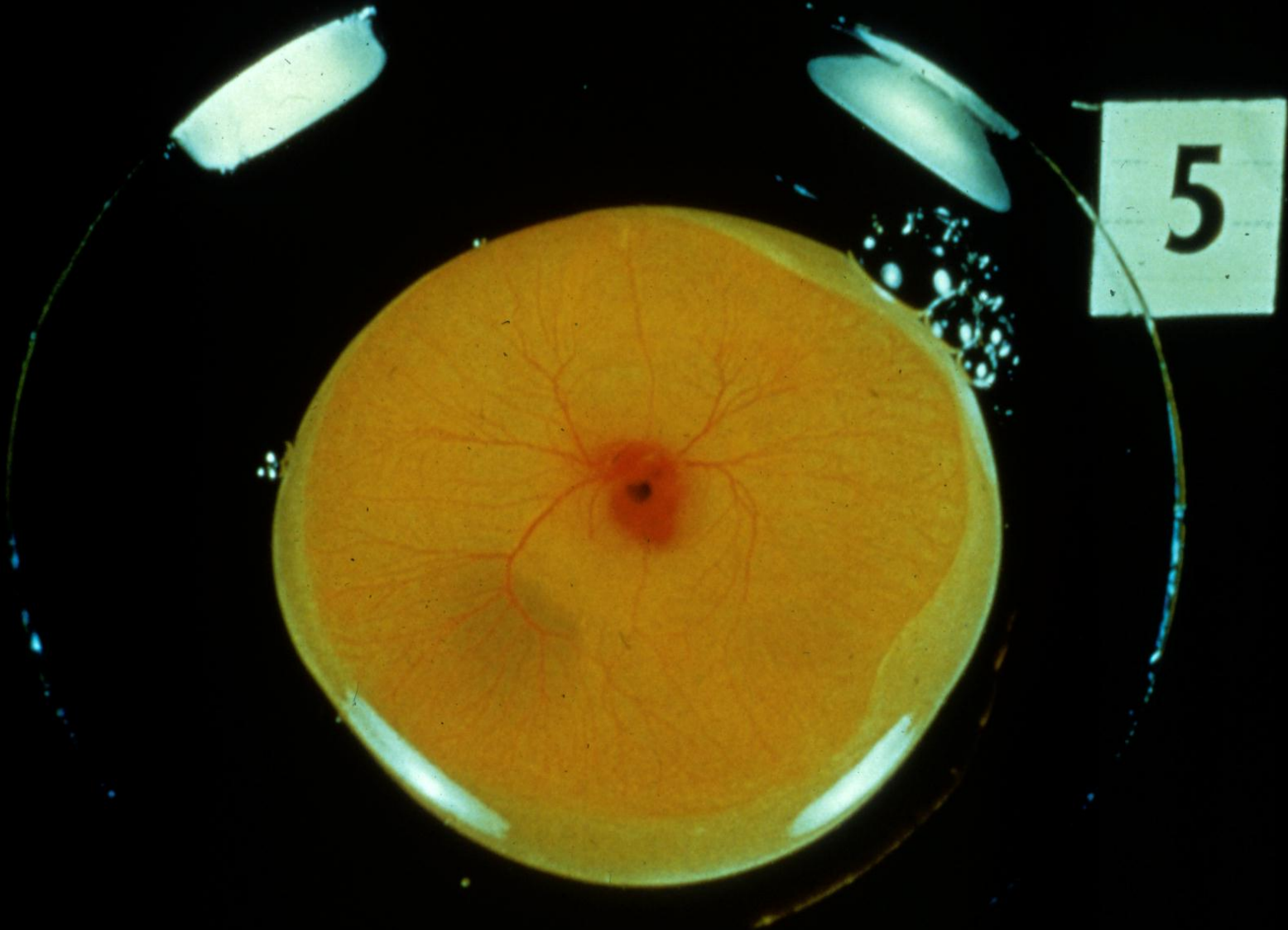
Day 2: Ears and heart begin to form.



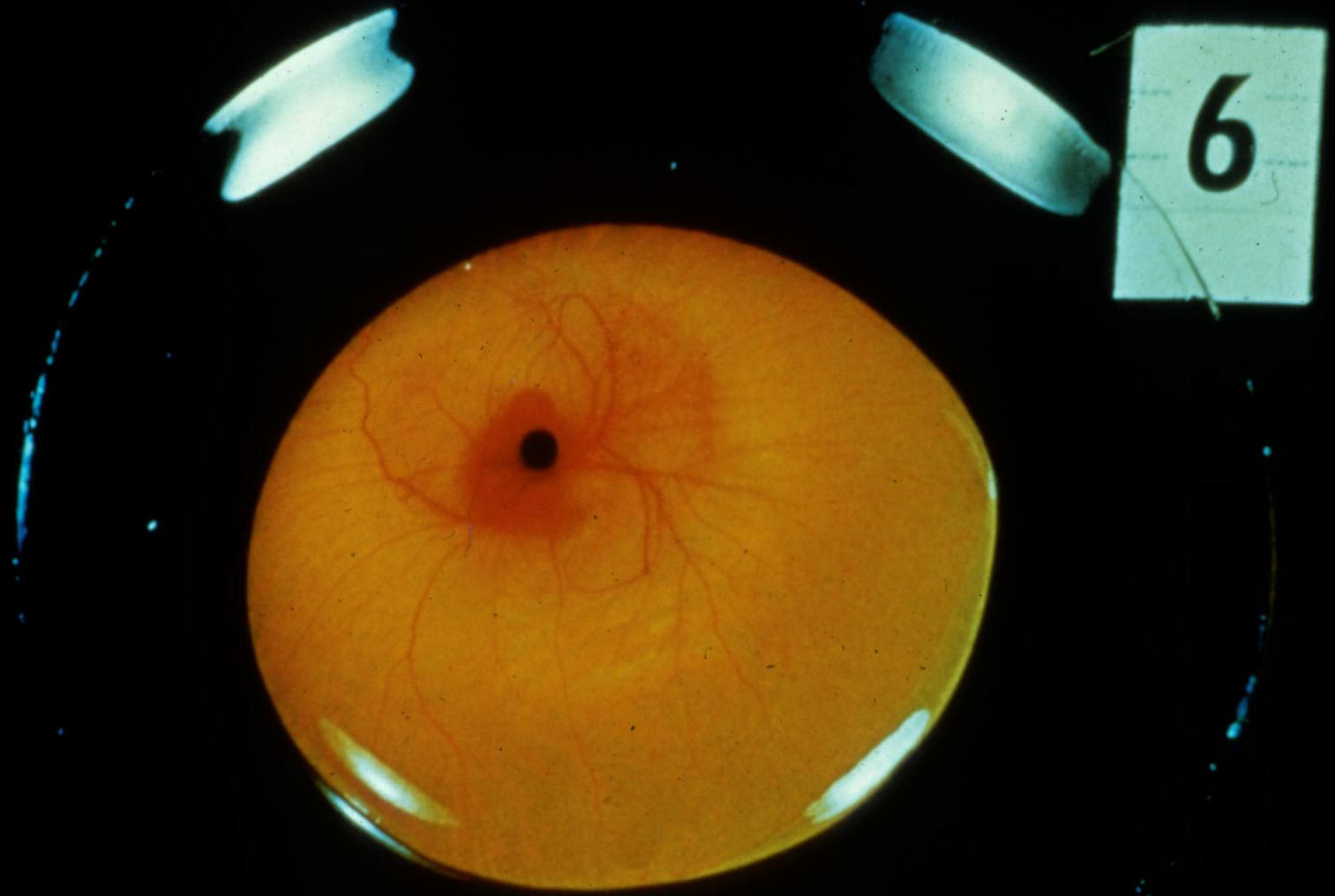
Day 3: Legs, wings, and nostrils begin to form.



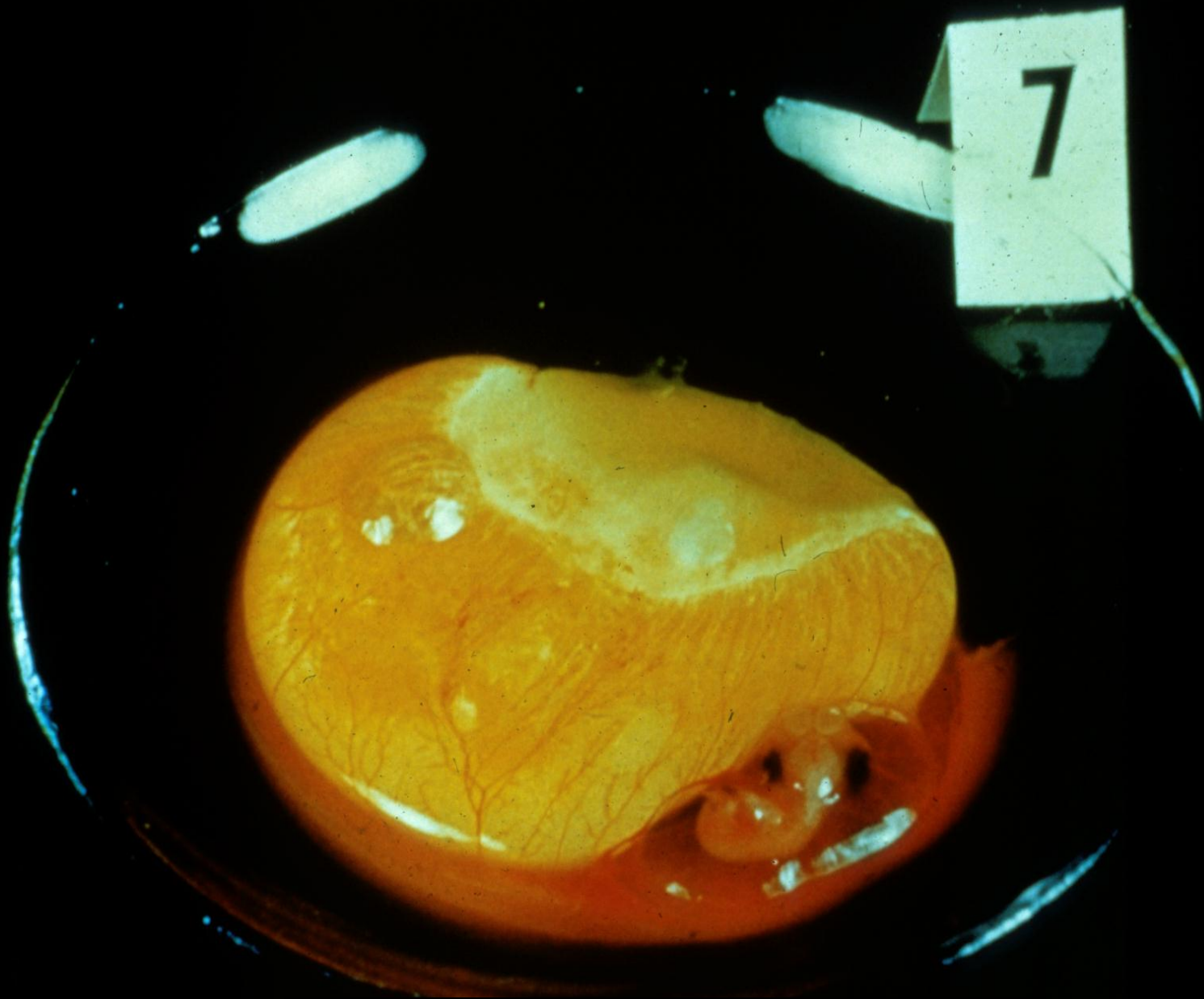
Day 4: Tongue begins to form; eye pigmentation visible.



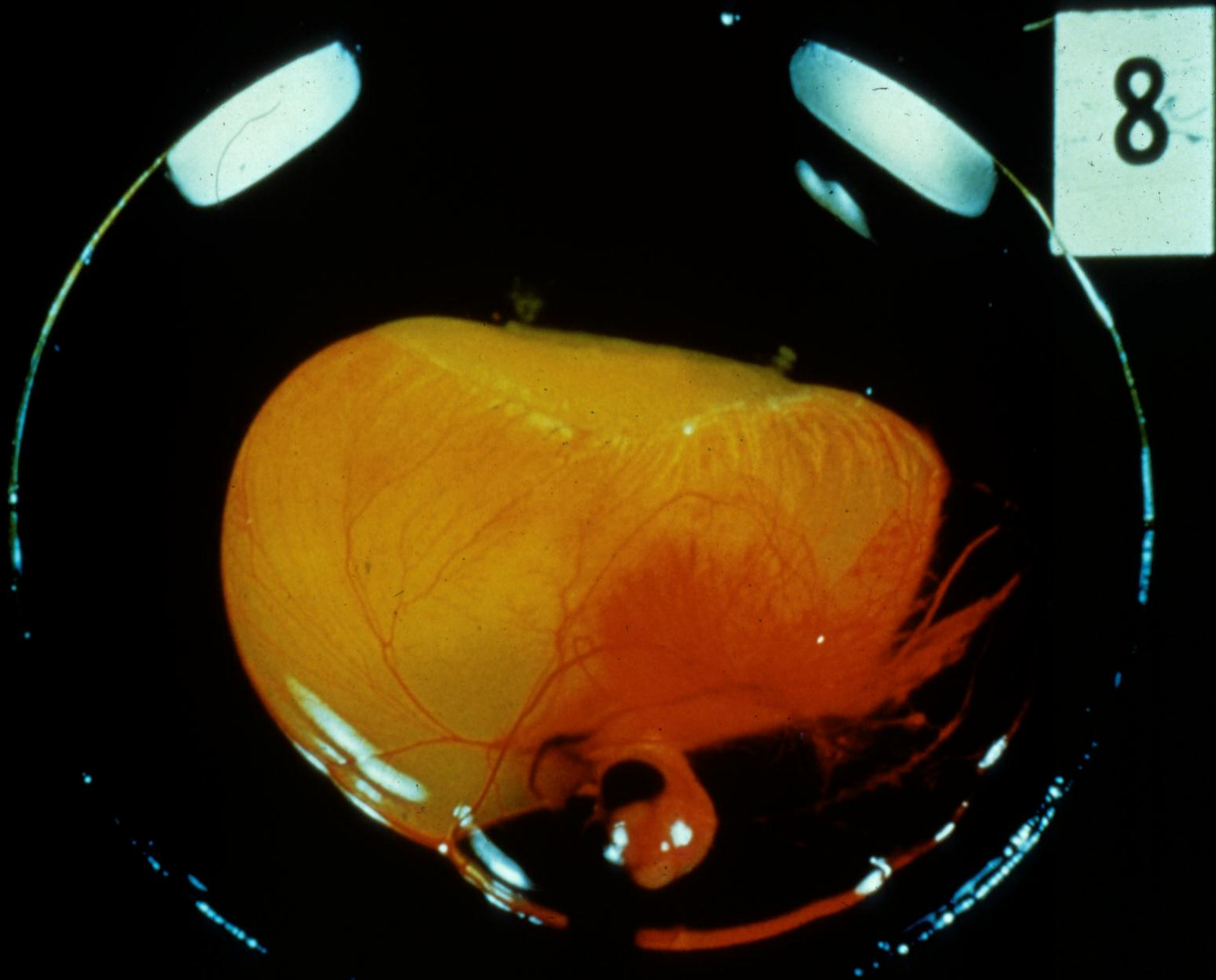
Day 5: Reproductive glands begin to form.



Day 6: *Beak begins to form.*

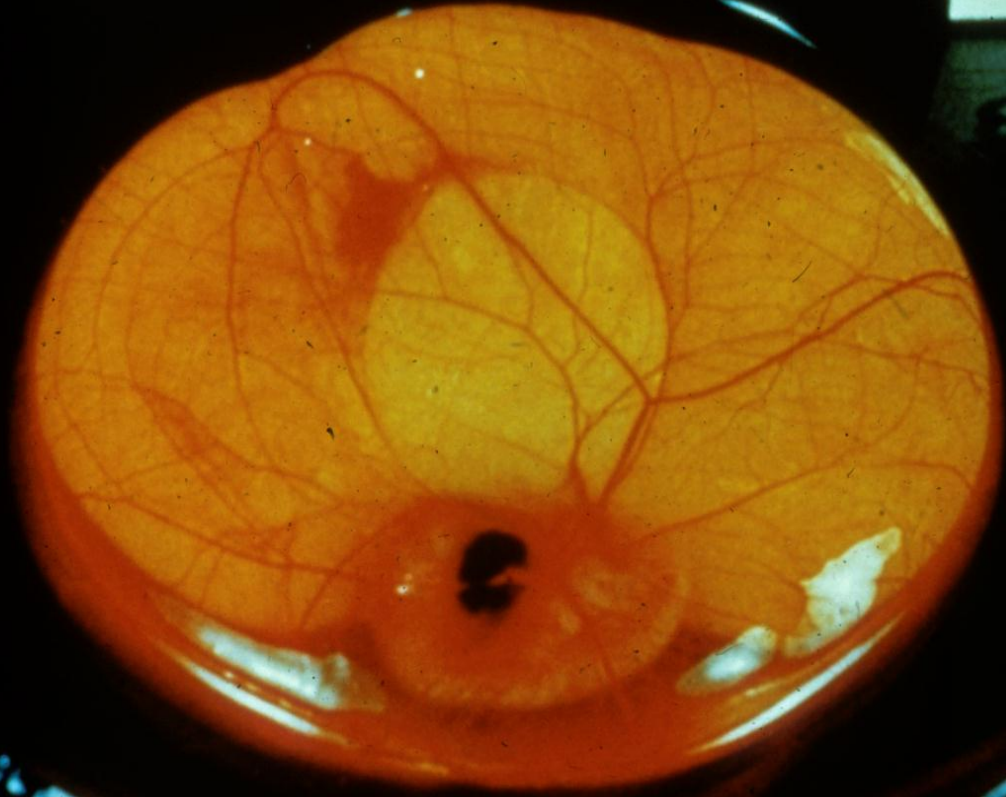


Day 7: Egg tooth forms on tip of beak.

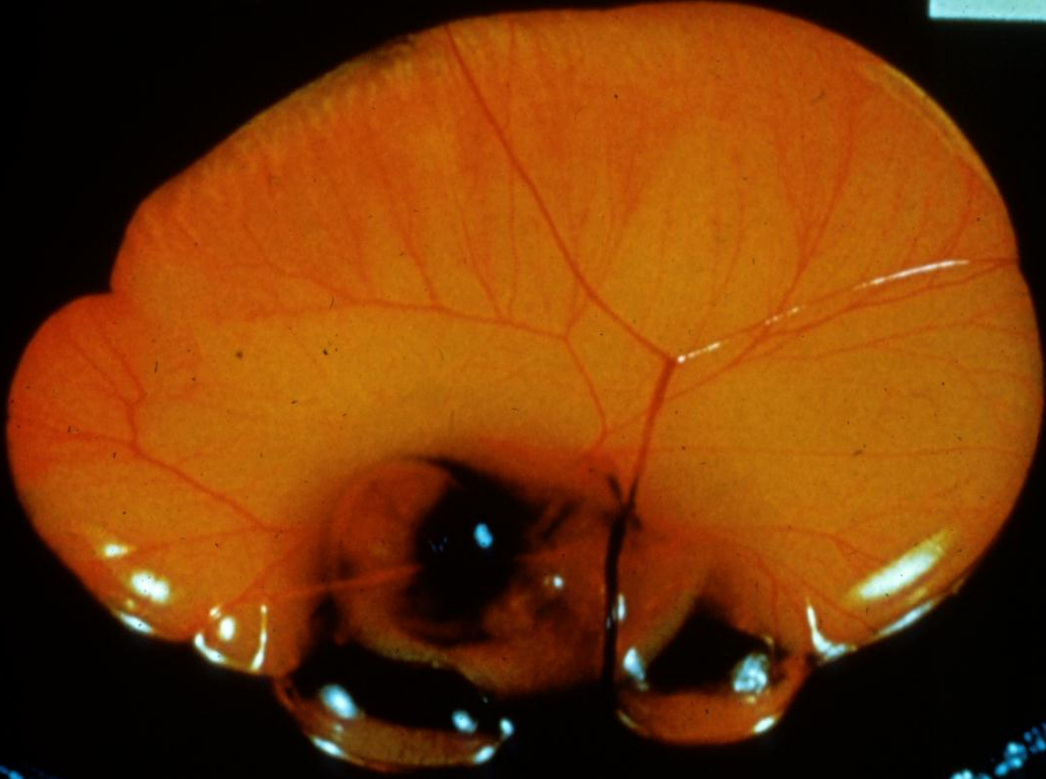


Day 8: *Feathers begin to elongate.*

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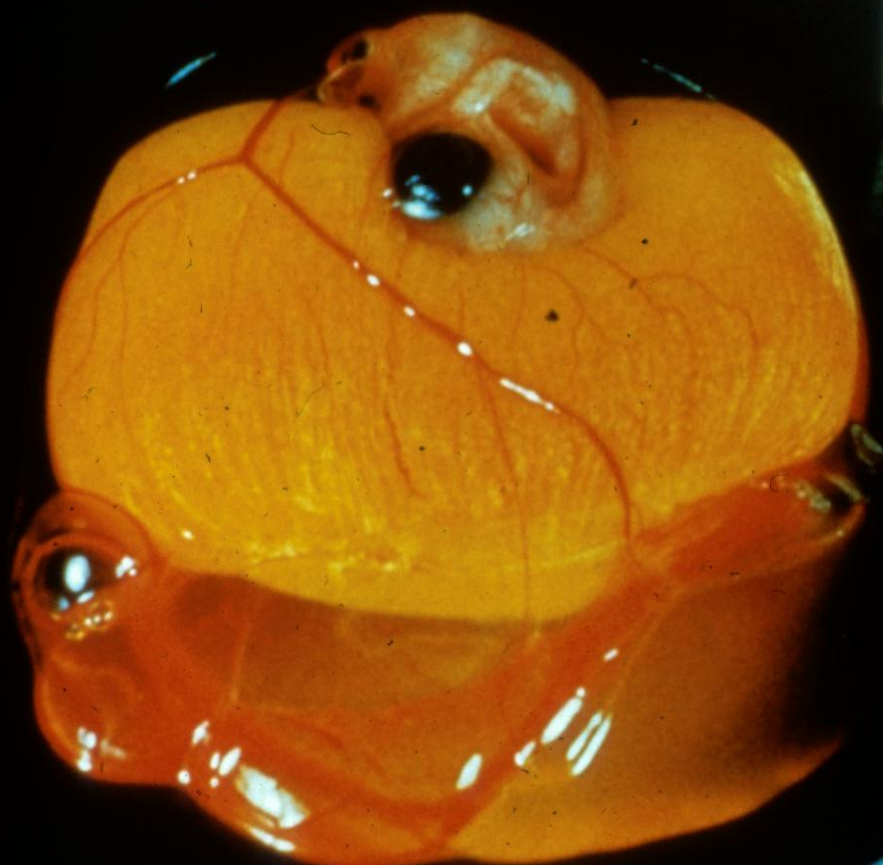


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Day 10: *Beak begins to harden.*

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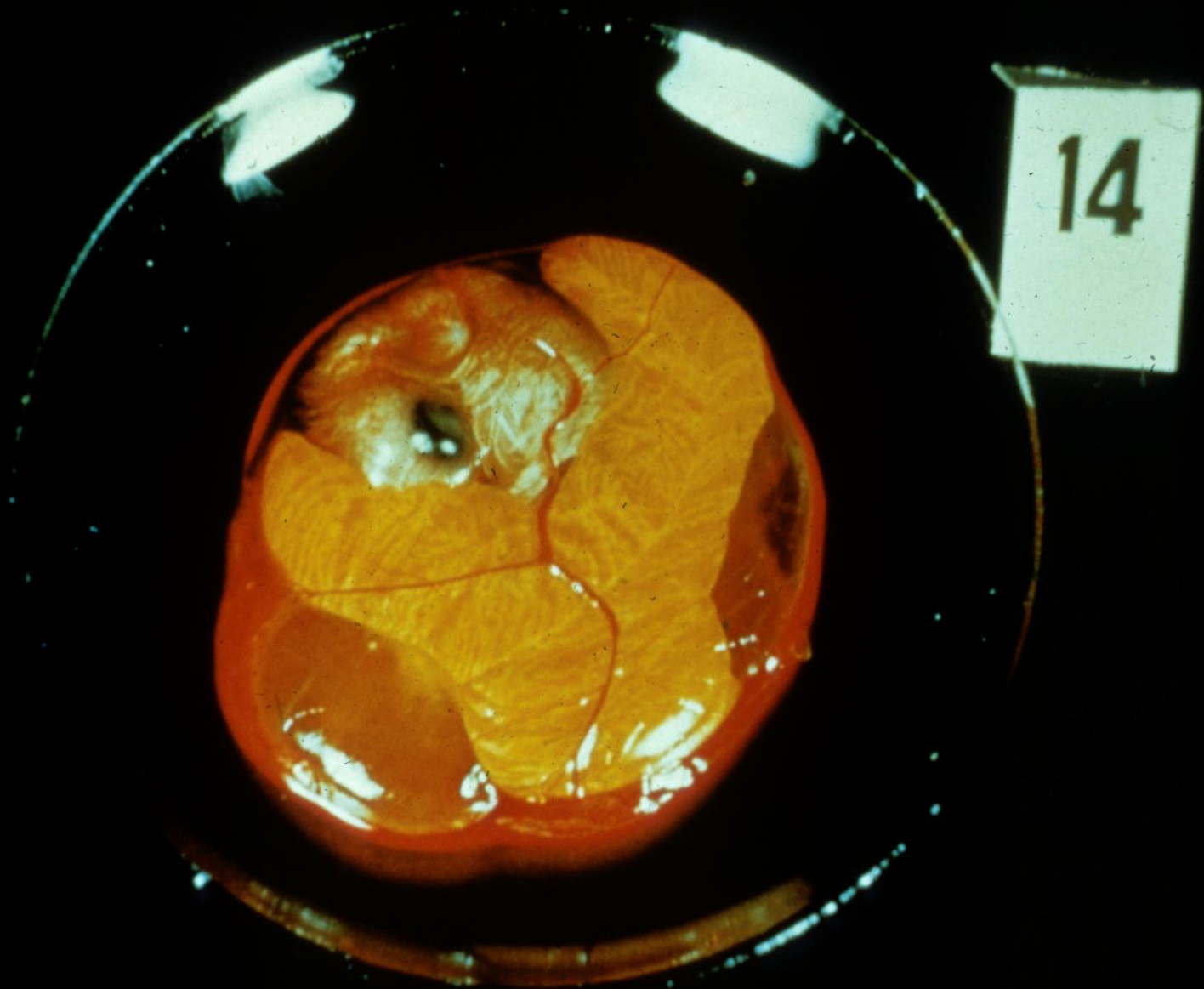


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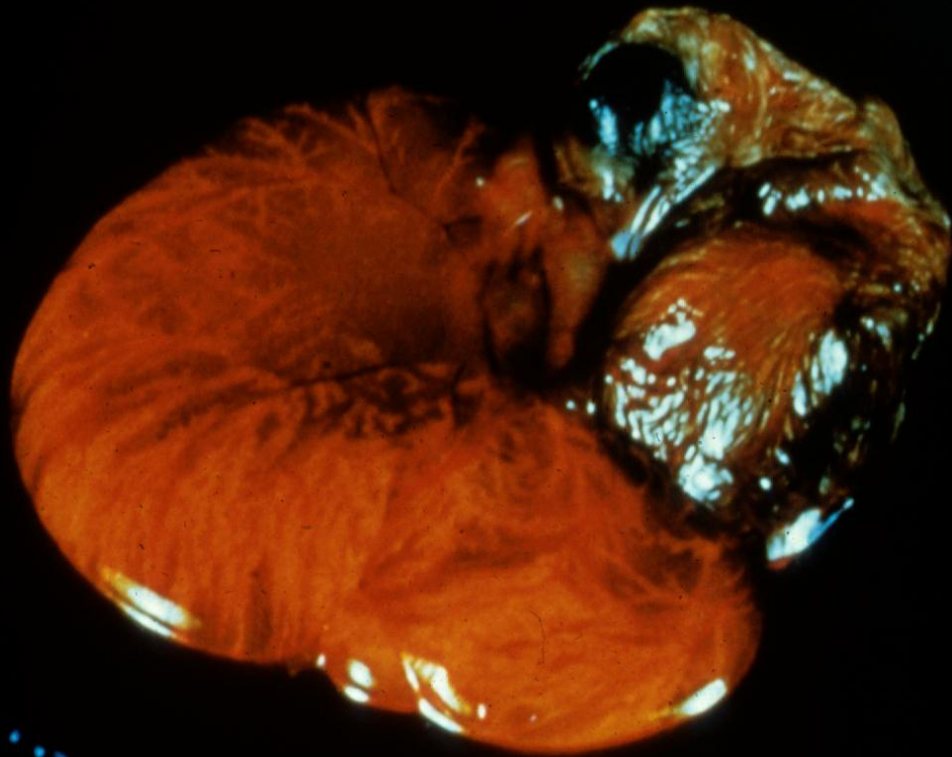


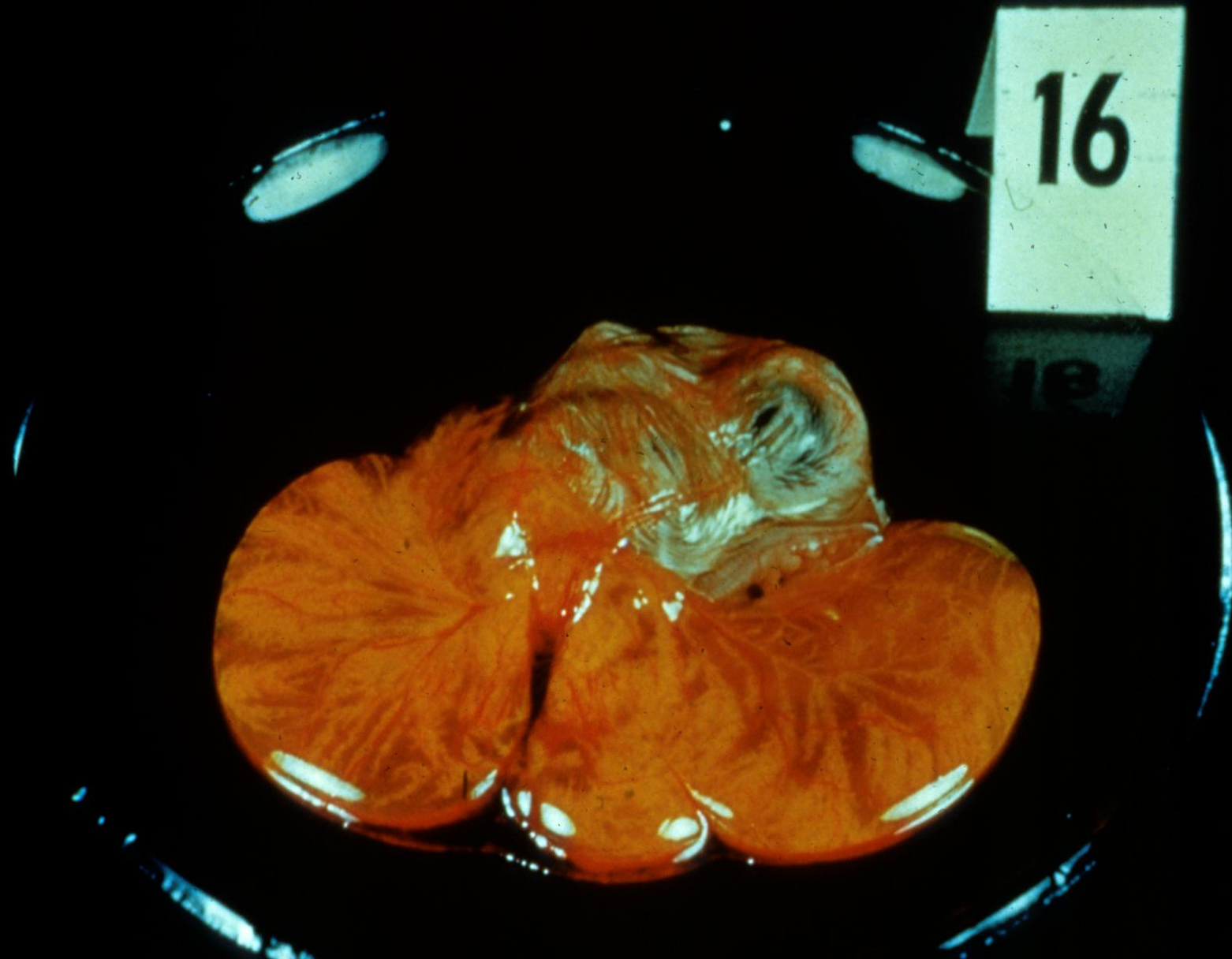
Day 13: Scales begin to appear.



Day 14: *Embryo begins to position itself for hatching.*

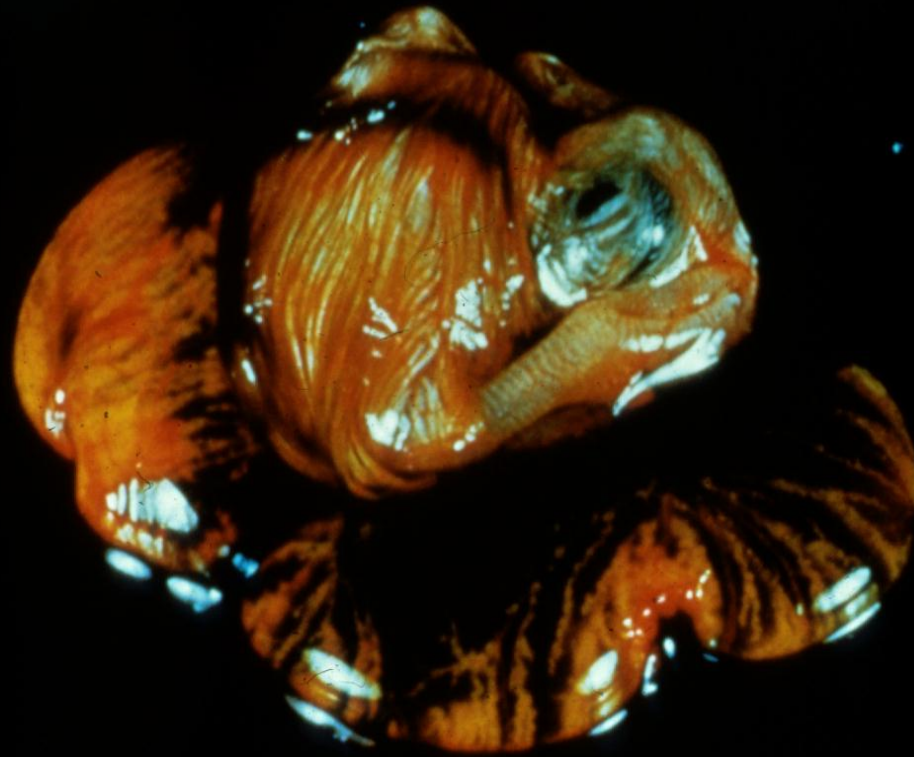
15





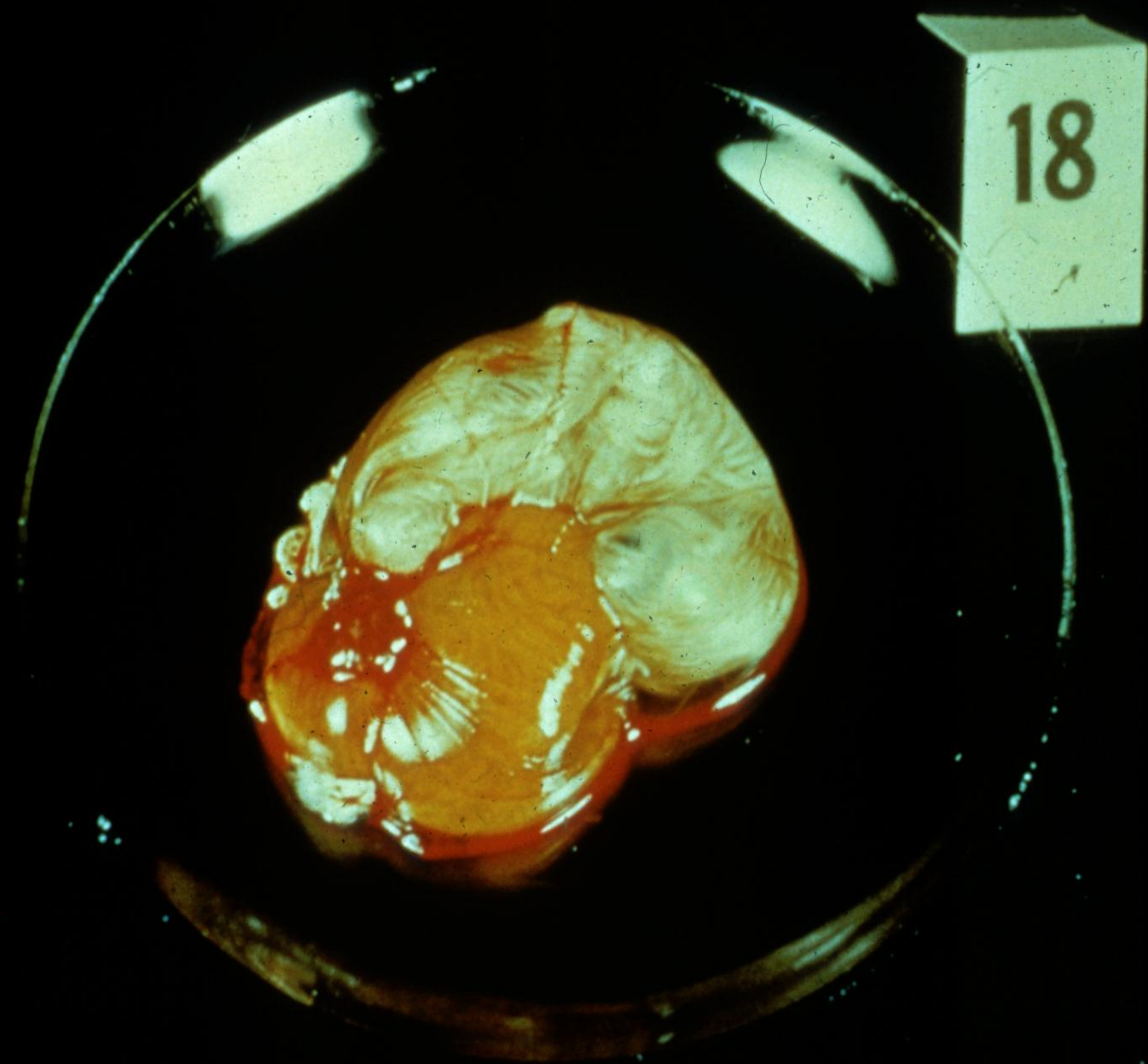
Day 16: *Beak, claws, and scales are distinguishable.*

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Day 17: Head placed under wing; beak turns toward air cell.

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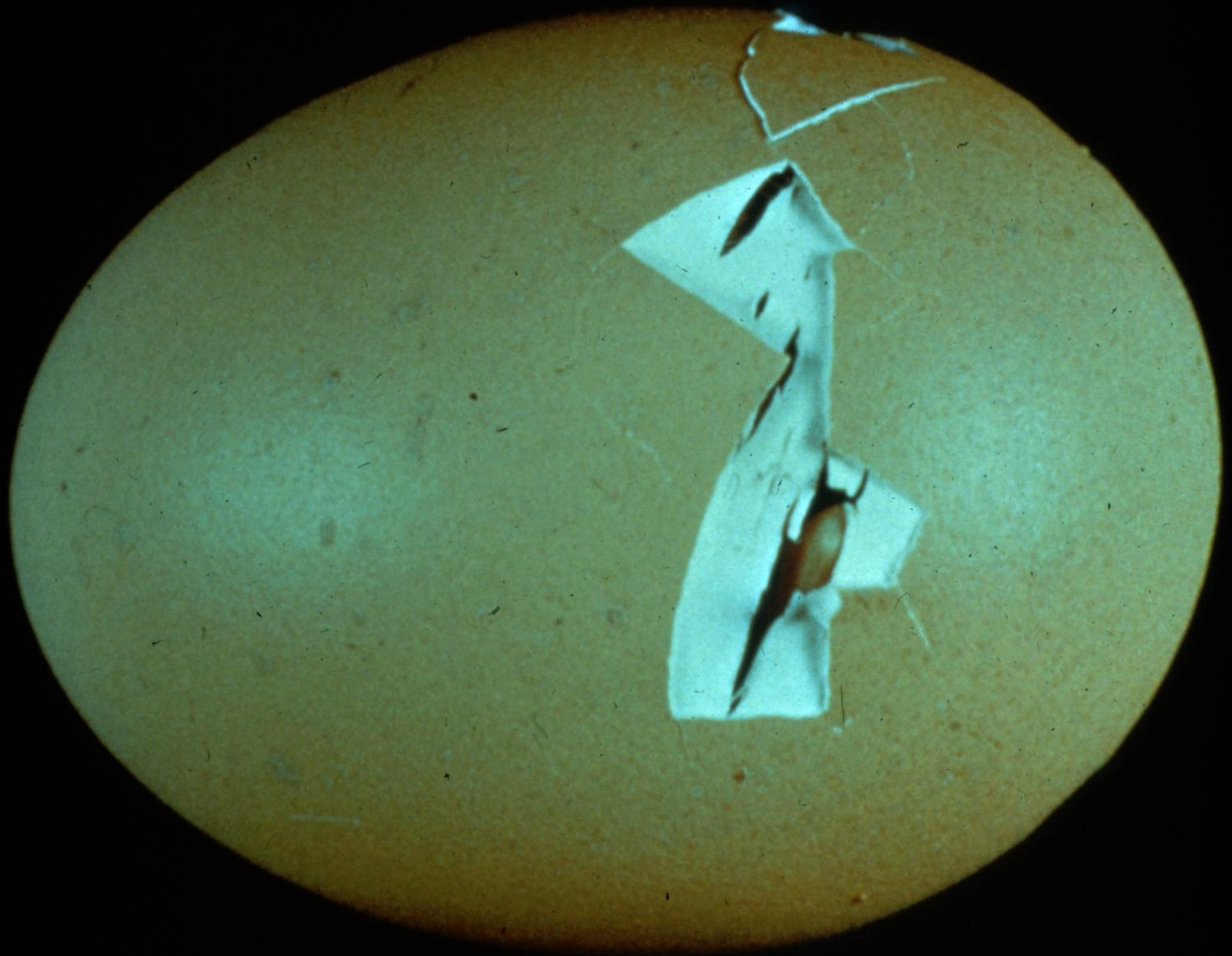
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Day 19: *Yolk sac begins to enter body cavity.*



Day 20: Chick has pipped into air cell and is breathing air and peeping.



Day 21: Chick uses egg tooth to pip through the egg.



Day 21: *Chick hatches.*

