

Steps of Hair Growth

① Anagen phase → Active hair growth

cells divide in follicle (bulb)
get pushed upward (hair growth)

2nd in growth rate only to bone marrow. FAST

Scalp ~ 4 → 5 years → (~1/2" per month)

Ayebrow → ~ 3 months → (~0.3mm/day)

Dec 19-10:14 AM

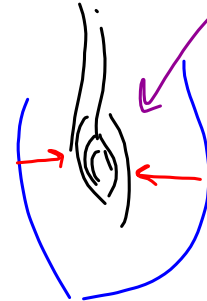
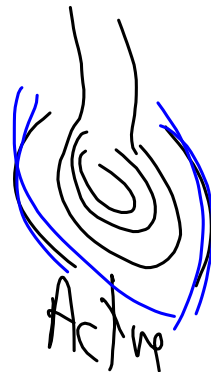
② Catagen phase - Transition period

↳ change from growing to no longer growing ^{no more new cells.}

→ growth area of follicle in the bulb

shrinks

~3 → 4 weeks



Club like appearance

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③ Telogen phase - Final "growth" phase
 few days → week Resting period for follicle

- root has shrunk → hair falls out
 not strongly held. (root system dies)

lose 50-100 scalp/day

Aug # hairs 150,000 → 200,000

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④ Exogen no longer a "growth" phase.

Death's waiting room.

Waiting for the Telogens to fall out.

↳ New Anagen phase begins.

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Genetic differences

① Asian (Mongloid)

Cross section
Rounder

↳ Thicker shaft - more straight.

↳ less dense on scalp

② White (Caucasoid) → oval / cross section
More durable to bending.

Dec 19-10:45 AM