

Medicine

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Chapter 1

Cardiology

1.1 Presenting problems in CVS disease

Features of benign murmur

- Soft
- Midsystolic
- Heard at left sternal edge
- No radiation
- No other cardiac abnormalities

Chapter 2

Dermatology

2.1 Anatomy and physiology

- Layers of skin:
 - Epidermis: further layered into (from out→in)
 - * corneum
 - * lucidum
 - * granulosum
 - * spinosum
 - * basale
 - Dermis: contains
 - * blood vessels
 - * nerves
 - * pilosebaceous units (hair follicle + sebaceous gland)
 - Subcutis: adipose

Epidermal appendages

- Hair follicles:
 - phases of growth
 - * anagen:
 - active growth
 - lasts years in scalp hairs
 - * catagen:
 - transitional
 - lasts days (in scalp)
 - * telogen:
 - resting
 - lasts months (in scalp)
- Sebaceous glands
 - usually *associated with a hair follicle*

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|-----------|
| androgens |
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 $\rightarrow \uparrow$

sebum

- | |
|-----------|
| oestrogen |
|-----------|

 $\rightarrow \downarrow$

sebum
