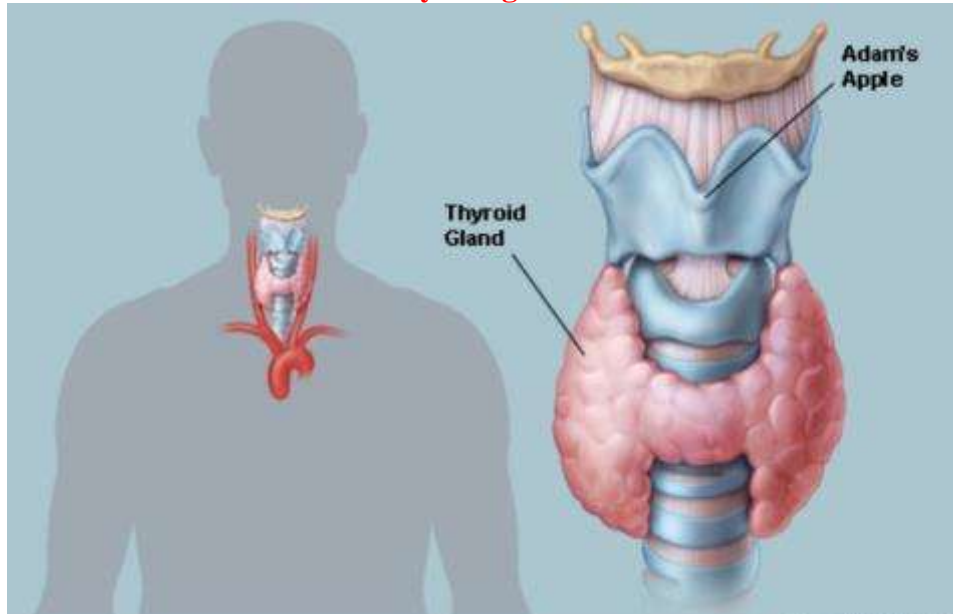
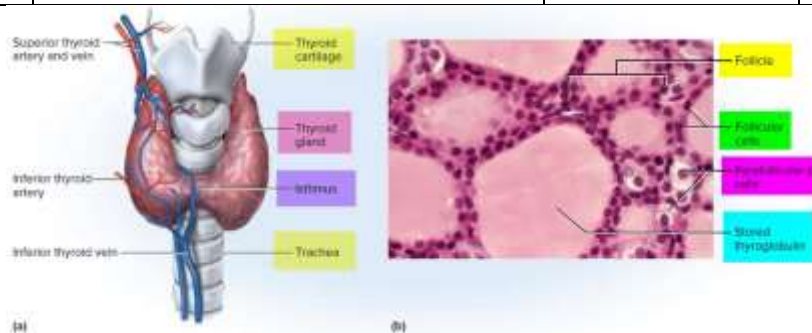


X. Relevant Normal Features
Thyroid glands



THYROID GLAND			
<i>At lower part of front of neck</i>			
Weight:	<ul style="list-style-type: none"> • 20 g. • Heavier in female (30 gm). • Enlarged during: <i>Menstruation & Pregnancy</i> 		
Surfaces:	<ul style="list-style-type: none"> • Lateral (superficial): Convex • Medial 		
Cut surface:	<ul style="list-style-type: none"> • Small vesicles separated from each other by connective tissue • Contains a viscid homogeneous Semi-fluid • (slightly yellowish, glary colloid material) 		
Borders:	<ul style="list-style-type: none"> • Anterior: Thin • Posterior: Blunt & Rounded • Related to Parathyroids 		
Isthmus:	<ul style="list-style-type: none"> • Connects lower parts of lobes across median plane 		
Length:	<ul style="list-style-type: none"> • 1.25 cm. (transversely) • 1.25 cm. (vertically) 		

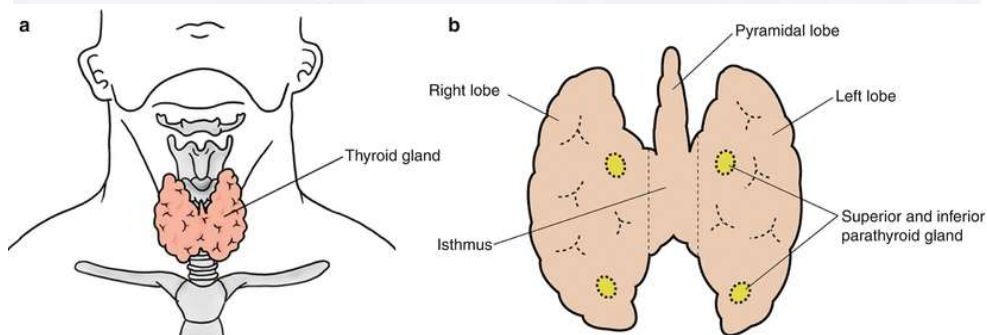
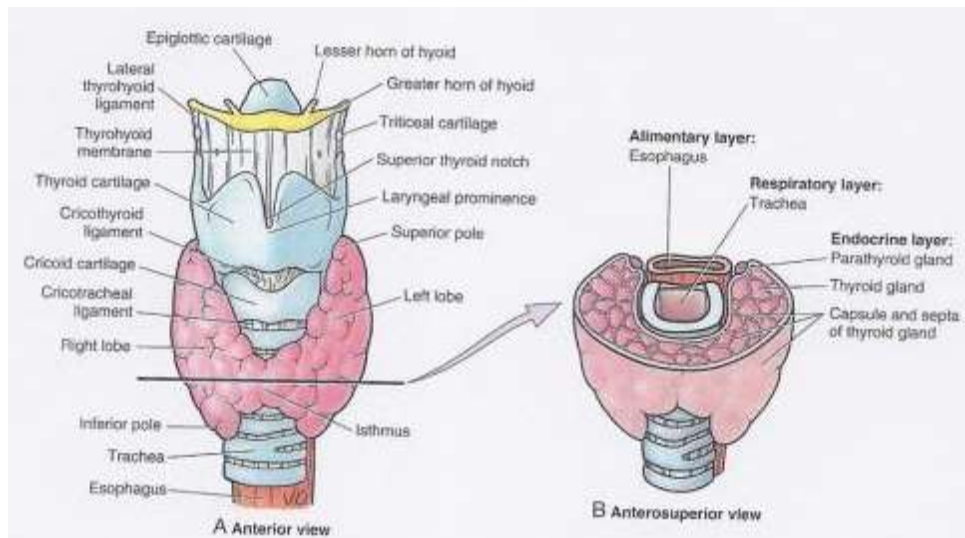


Lobes:	Right and left (two laterals) Connected at isthmus	
Shape:	Conical	
Apex:	Upwards)	
Length:	5—6 cm.	
Width:	3—4 cm	
Thickness:	2-2.5 cm	

Accessory thyroid tissue (or even a third lobe = pyramidal): May exist

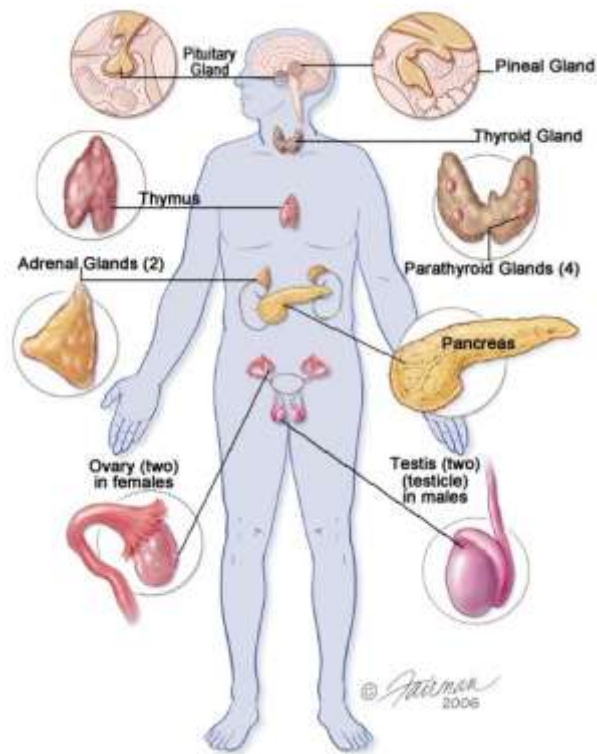
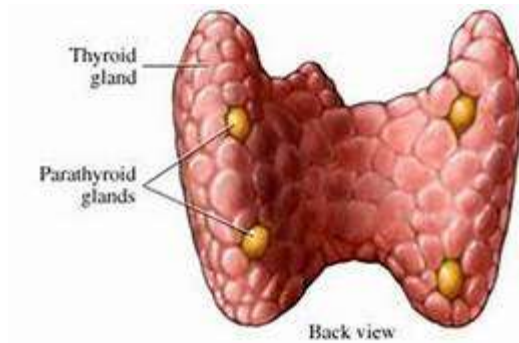
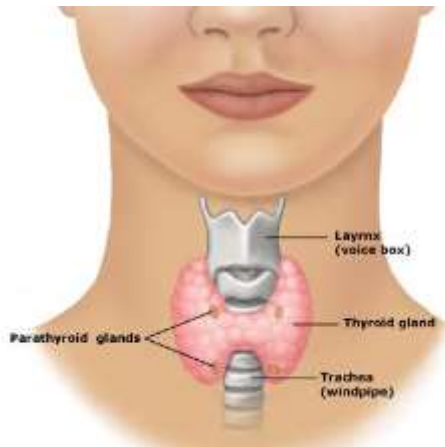
Other features

A capsule:	Very thin Of connective tissue		
A sheath:	Of fascia		
Colour:	Brownish-red or reddish-yellow		
Size:	Smaller in thin people		

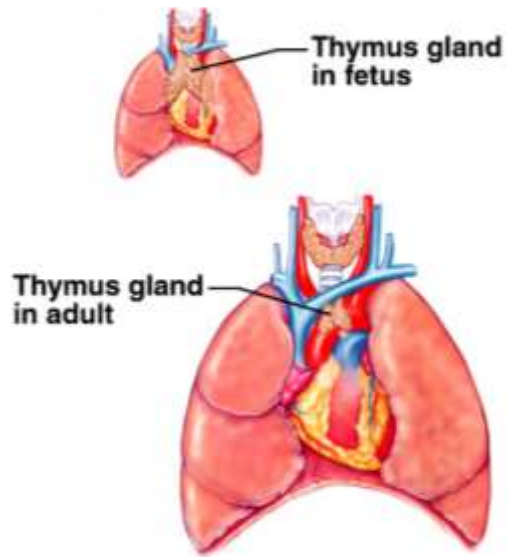


PARATHYROID GLANDS			
Paired bodies or (2—8); usually 2 pairs			
Weight:	0.1 g.		
Size:	Small		
Shape:	Flattened oval discs		

Length:	0.6 cm.			
Breadth:	0.3-0.4 cm.			
Colour:	Pale brownish-red or yellowish-brown.			
Other features				
Superior ones:	<ul style="list-style-type: none"> • A more constant pair • On the dorsal aspect of superior poles of thyroid 			
Inferior ones:	Less constant			



Endocrine glands



THYMUS				
<i>Well-developed in children</i>				
Weight:	10—13 g.			
<i>Continues to grow until puberty</i>				
Weight:	35—40 g.			
<i>Heavier in males</i>				
After puberty:	<i>Atrophies</i>			
	<i>Is replaced by fatty tissue</i>			
Colour:	<i>Pinkish-grey</i>			
Consistence:	<i>Soft</i>			
Cut surface:	<i>Lobulated</i>			

