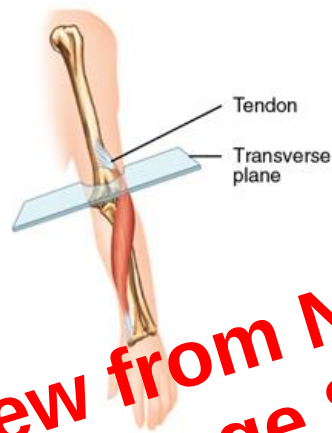




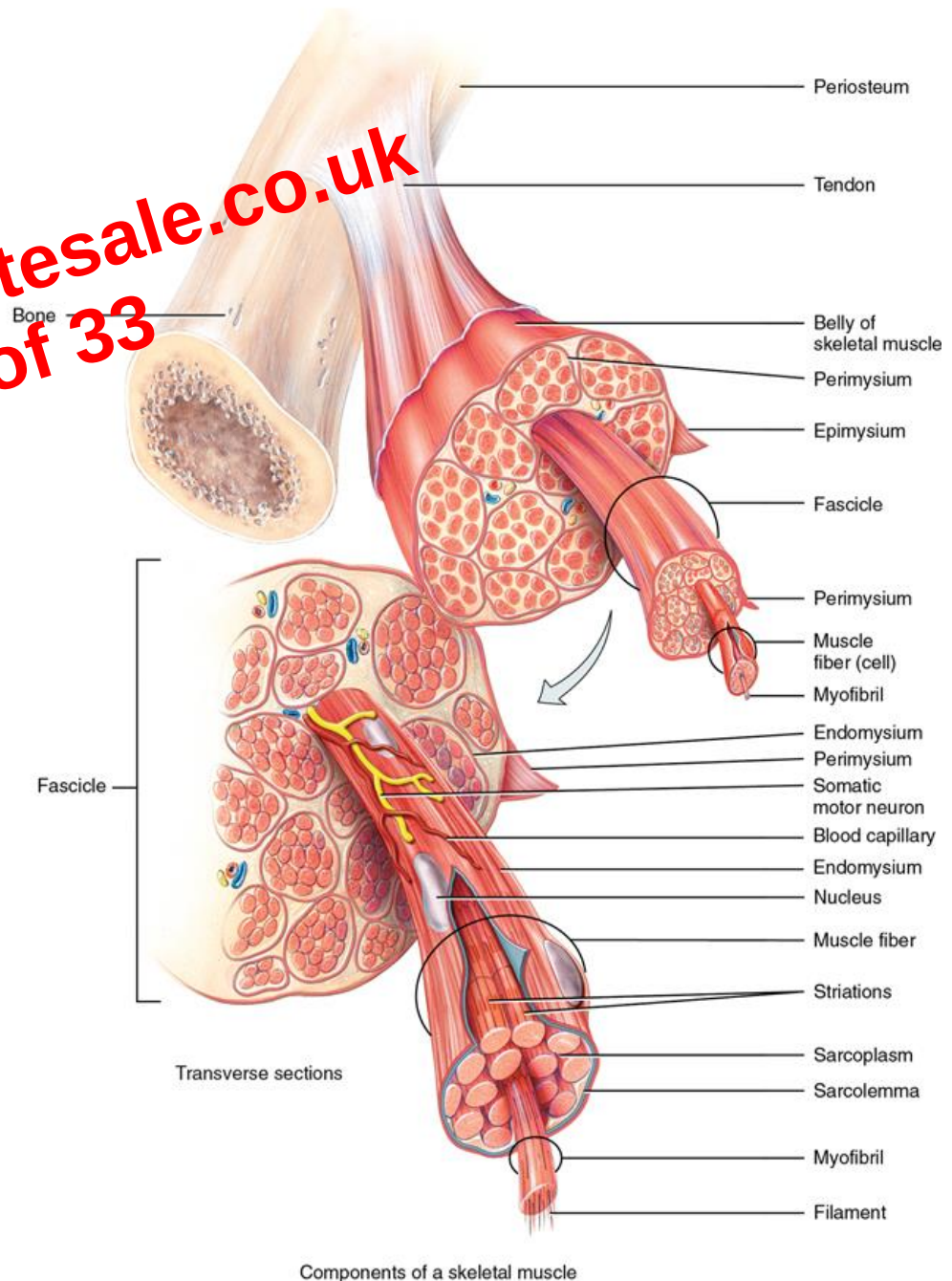
Preview from Notesale.co.uk
Page 8 of 33

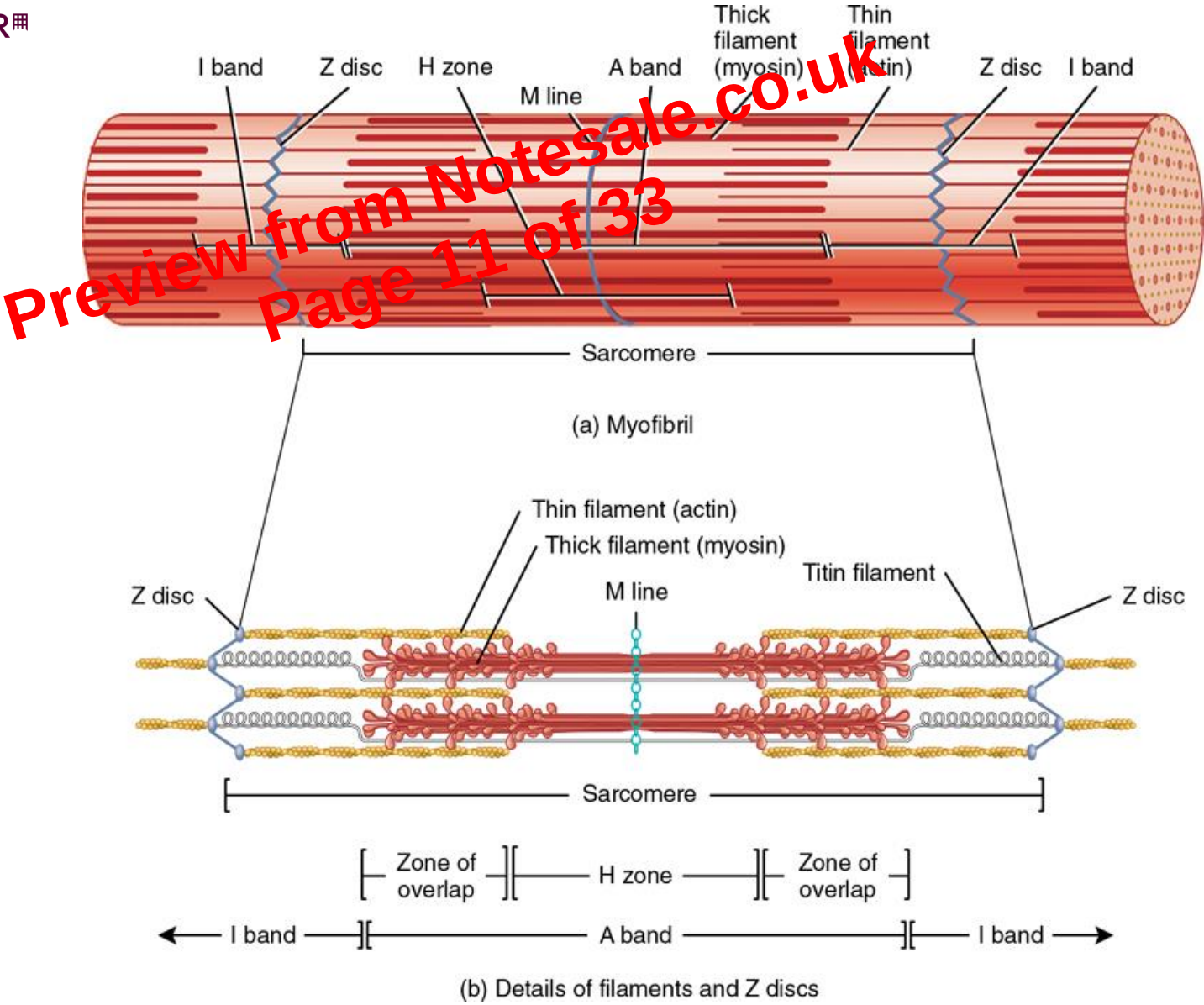
– Non-contractile portions

1. Epimysium

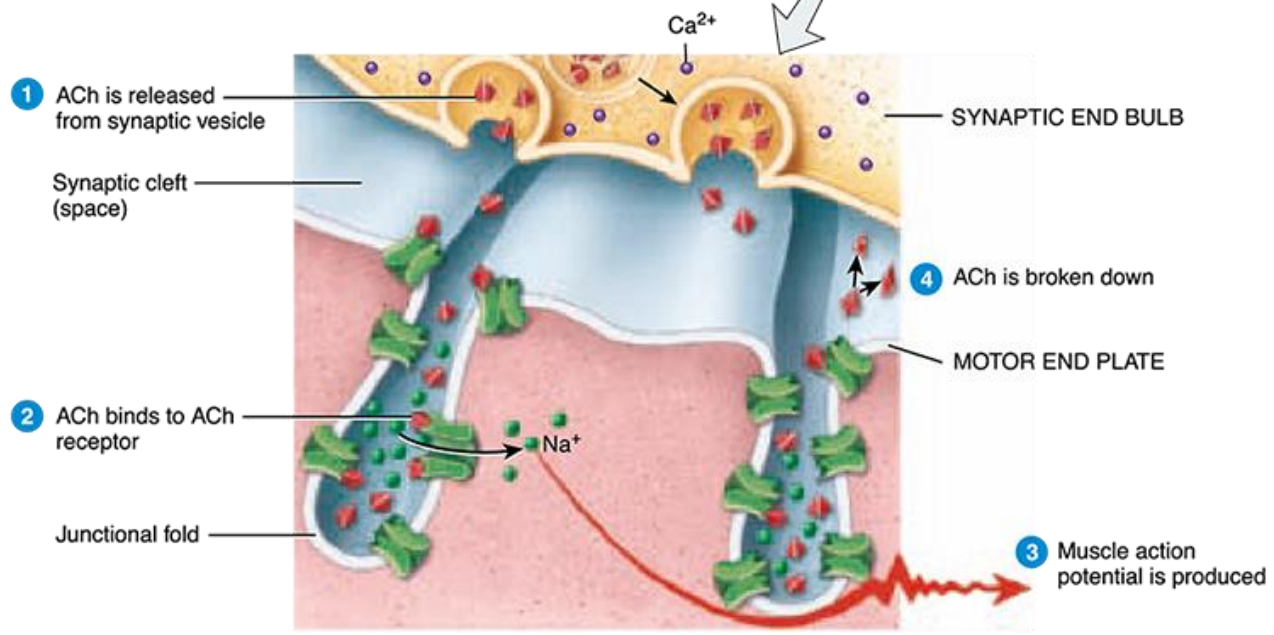
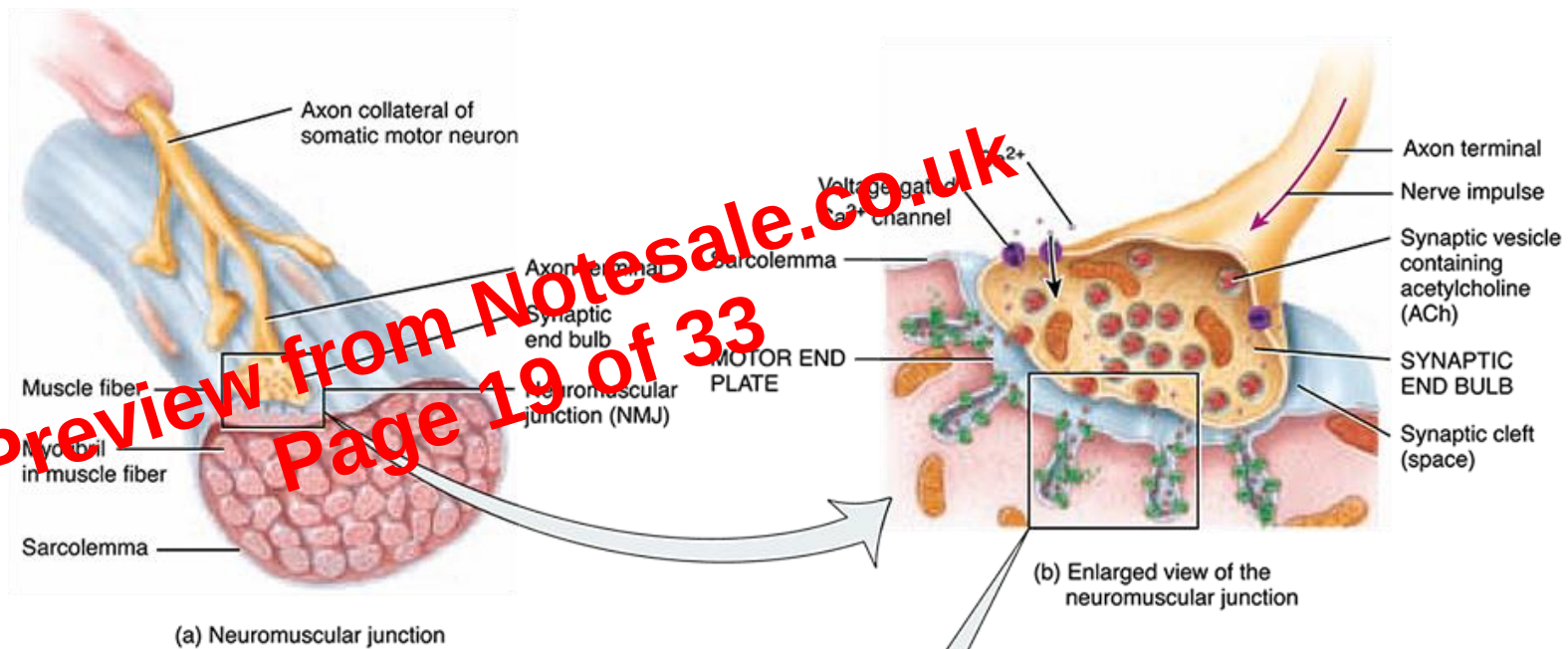
2. Perimysium (fascicles)

3. Endomysium





Preview from Notesale.co.uk
Page 19 of 33

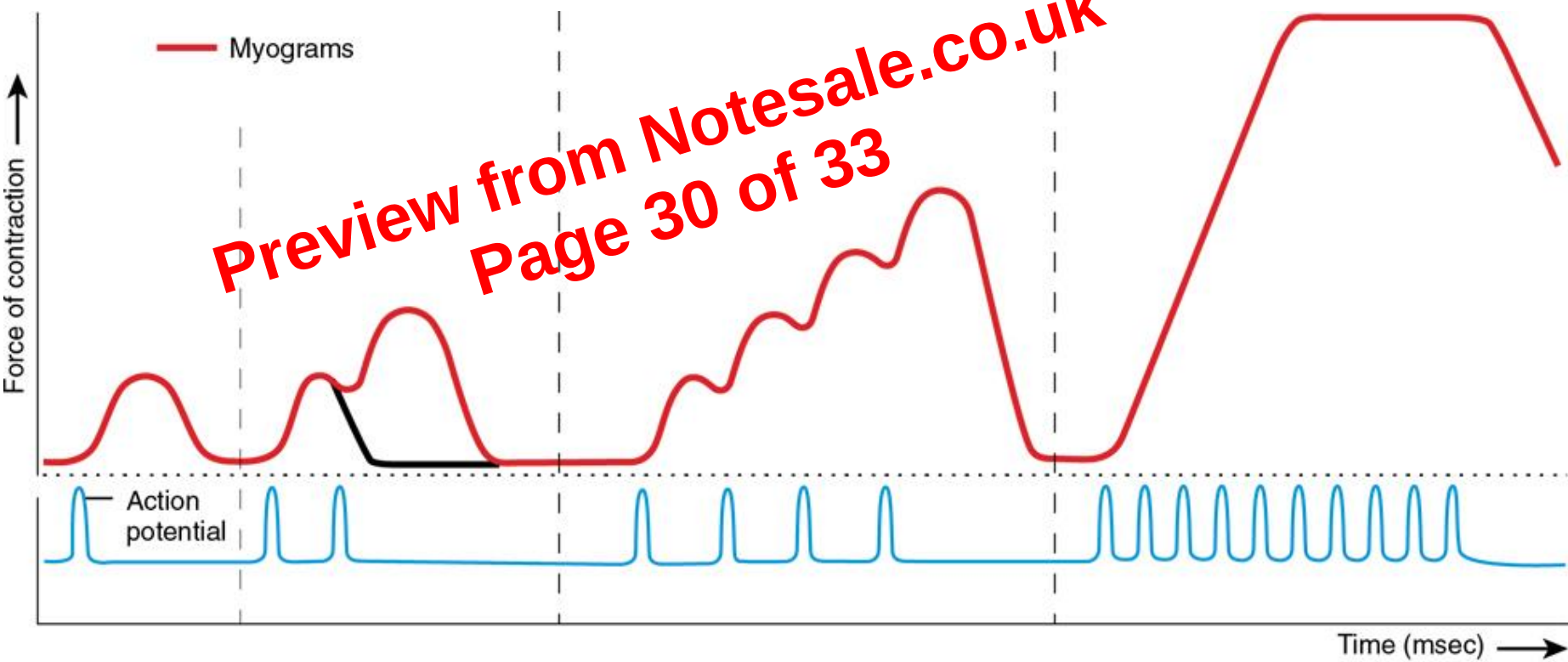


(c) Binding of acetylcholine to ACh receptors in the motor end plate

Force Summation

- Twitch force is the sum of all the force of an entire motor unit's contraction
- Recruitment of motor units is force dependent
 - Smallest → largest
 - Size principle of motor units

Preview from Notesale.co.uk
Page 30 of 33



(a) Single twitch

(b) Wave summation

(c) Unfused tetanus

(d) Fused tetanus