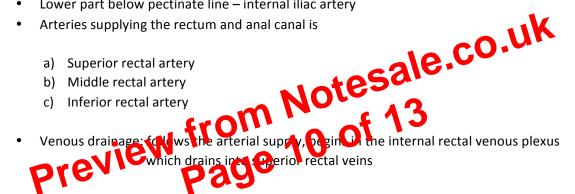
Rectum and anal canal

- 1. Describe the interior of anal canal
 - Longitudinal ridges called 'anal columns of Morgagni'
 - Have valves which have smnall recess called 'anal sinuses'
 - Ano rectal line indicated by superior ends of columns (where rectum joins anal canal)
 - Pectinate line is the inferior end of columns (where anal valves are present)
 - Part below pectinate line is called transitional zone or pecten, ends in white line of Hilton
 - Below this line is 'anal verge' or true skin
- 2. What are the blood supply and venous drainage of rectum and anal canal
 - Rectum and upper part of anal canal above pectinate line- inferior mesenteric artery
 - Lower part below pectinate line internal iliac artery
 - · Arteries supplying the rectum and anal canal is
 - a) Superior rectal artery
 - b) Middle rectal artery
 - c) Inferior rectal artery



- 3. What are the applied anatomy of rectum and anal canal?
 - Internal haemorrhoids
 - External haemorrhoids
 - Fissure-in-ano
 - Fistula-in-ano
 - Perinatal abscesses

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