



CRC

for

Premium

Quality

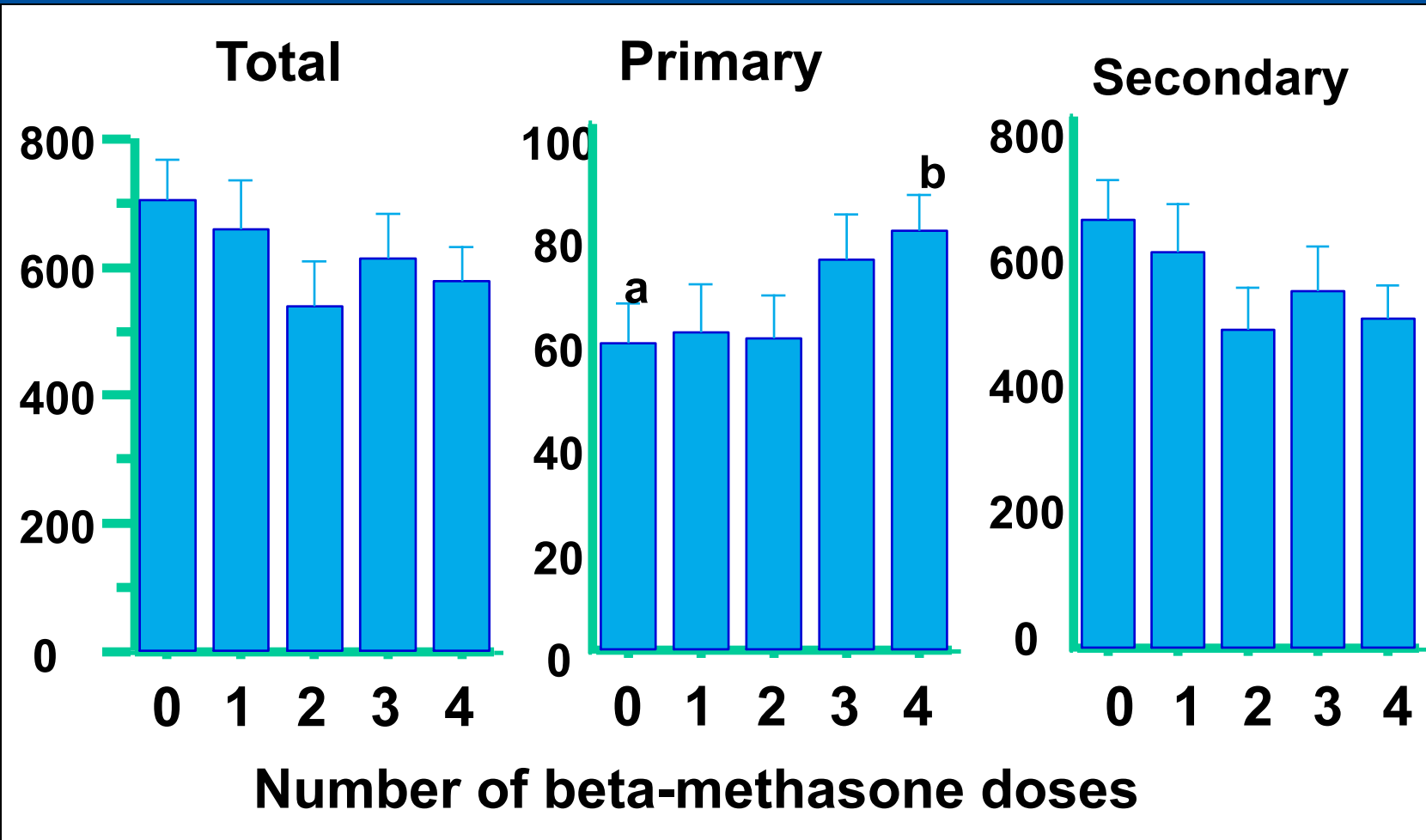
Wool

Effect of Cortisol on Follicle Initiation

Produced for the CRC for Premium Quality Wool undergraduate program by;
Dr. Janelle Hocking Edwards, The University of Western Australia.



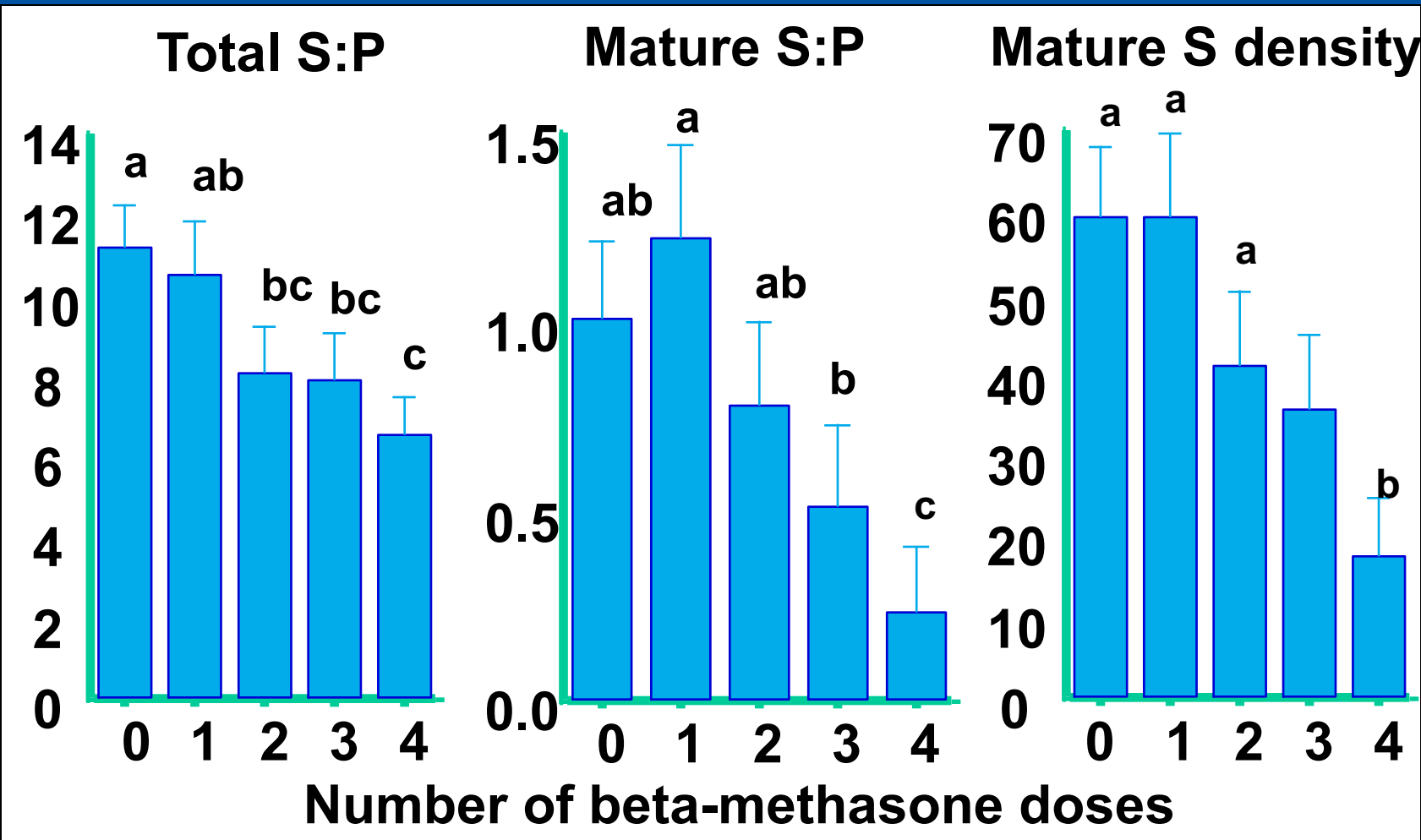
Effect of a cortisol analogue on follicle densities (mm^{-1})



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Effect of a cortisol analogue on secondary follicle population

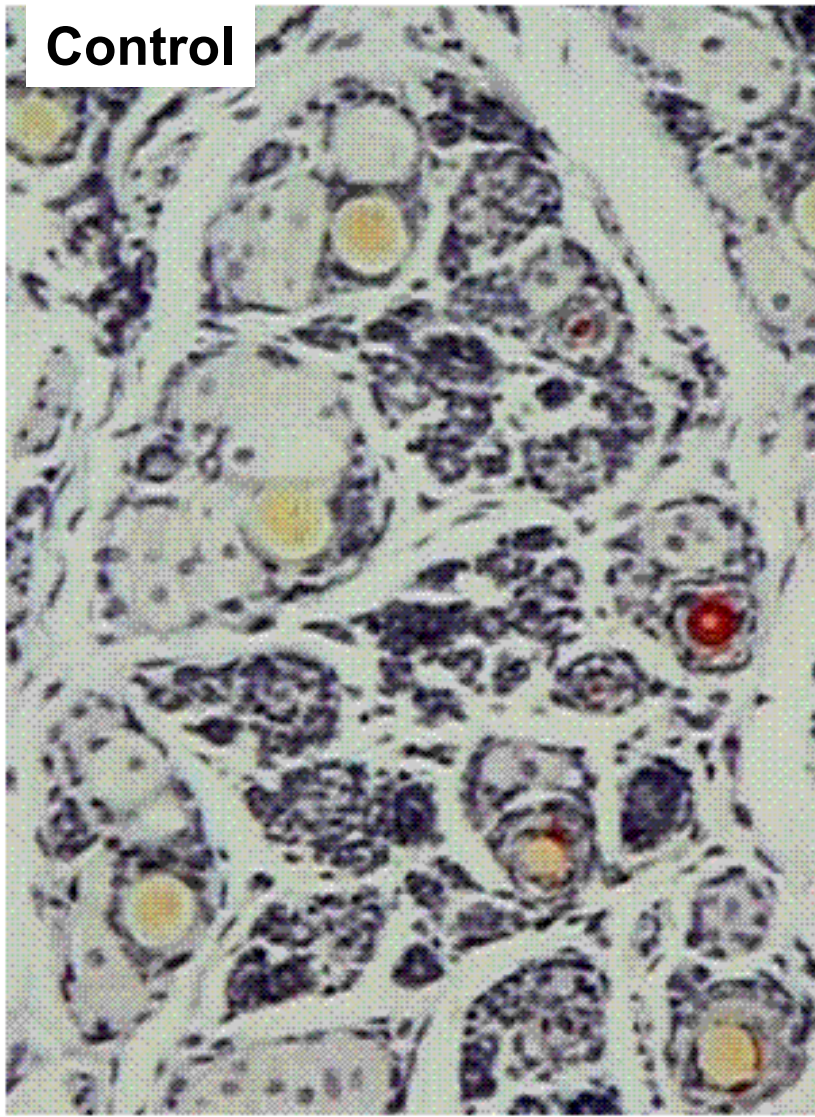


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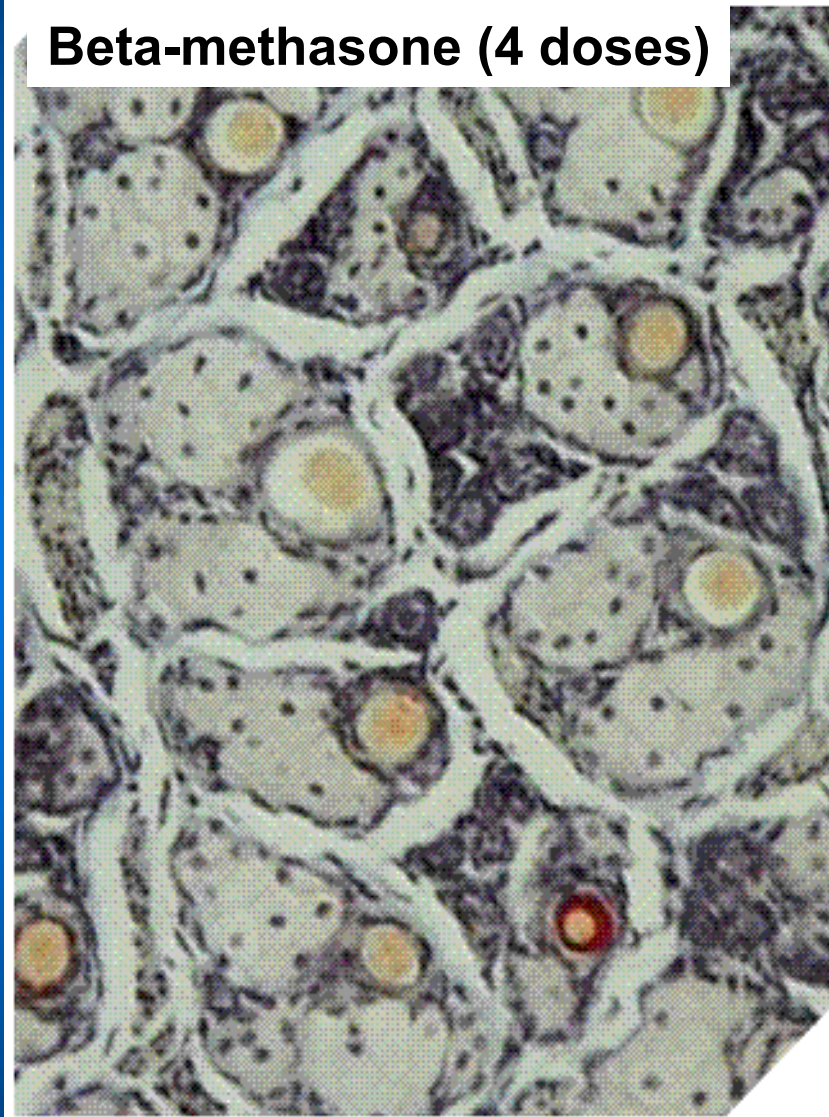


Transverse skin sections

Control



Beta-methasone (4 doses)



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Effect of a cortisol analogue on follicle initiation and development

- No affect on total follicle density
 - however increased P density with multiple doses.
 - is this due to stimulation of sweat and sebaceous gland formation?
- Decrease S:P
 - due to combined increase in P and decrease in S
- Slows formation of fibres in S follicles

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