

Guide to Mammary Macro-Structure Module

Page	Topic	How would you answer these?
1	Structure and Function	
2	Macrostructure Central	
3	Suspensory system	
a	Seven layers	How many layers of lateral suspensory ligament are there?
b	Median suspensory	Why do you think that this ligament is so important?
4	Teats	
a	Teats	The size of teats indicated is from data that is now over 30 years old. How do you think this data may have changed since then and why?
b	Streak canal	What do you already know about the importance of the streak canal?
5	Ducts & Cisterns	
a	Ducts & Cisterns	What is a cistern?
b	Ducts	What do the prefixes inter- and intra- mean?
6	Neural system	What types of nerves does the mammary tissue contain?
7	Blood vascular system	
a	Blood vascular system	During a 24 hour period, how much total blood would have pass through the mammary gland of a cow that produces 50 kg of milk/day?
b	Arterial system	What is another name for the external pudic artery?
c	Venous system	What is the vein that drains the cow's udder that does not have a parallel artery leading into the gland?
8	Lymph and Lymphatics	
a	Lymph and Lymphatics	What is the fluid called that is outside of the cells?
b	Lymph	How does lymph compare in composition to blood plasma?
c	Edema	At what stage of lactation is udder edema most likely to occur?
9	Secretory tissue	What type of cells would be contained in the fat pad?
10	Study questions	