

Lactation Biology

Module 7: Milk Ejection Integrative Concept Map

Suggestions for using this learning activity:

Consider developing a draft concept map of Milk Ejection using the words below even before you engage with the video lessons and then revise your map or make another map with the same words after you have completed the lesson videos. How did your vision of this topic change from the start to the end? Alternatively, modify and reorganize your original concept map of Milk Ejection as you progress through the lesson videos.

Instructions:

Develop an integrative concept map that encompasses what you have learned about Milk Ejection. Start with the list of terms/concepts indicated below. Write out each word on a small piece of paper, then arrange the pieces of paper as you think best to represent your vision of how the terms/concepts relate to each other. Once you have the map organized, tape the pieces of paper onto a larger piece of paper. Then draw in connecting lines and arrows to illustrate the significant connections among the terms/concepts.

oxytocin
afferent pathway
posterior pituitary
residual milk
milk removal
paraventricular nucleus
suckling
magnocellular secretory cells
efferent pathway
myoepithelial cell
supraoptic nucleus

axons
central inhibition
vagino-cervical stimulation
endocrine pathway
disturbed milk flow
intramammary pressure
neural pathway
stimulating the teat
neurophysin
herring bodies

Integrate into your concept map additional terms/concepts that relate to Milk Ejection based on the video lessons. Be sure that you could explain your concept map and the relationships among the various terms to others.

Feel free to share your final integrative concept map with your peers via the **Share Your Concept Map** forum for Module 7. By sharing concept map with each other, you have the benefit of seeing how others conceptualize the relationships between terms/concepts differently from each other. This is also a good opportunity to discover connections that you might have missed.