

LITTERTURLISTE:

Levick JR: An introduction to cardiovascular physiology.

Chapter 1: Overview of the cardiovascular system

Chapter 9: The endothelial cell

Chapter 10: The microcirculation and solute exchange (8.4-8.10)

Chapter 11: Circulation between plasma, interstitium and lymph.

Chapter 15: Specialization in individual circulations –cutaneous, cerebral and (kidney)* .

Articles:

1. High interstitial fluid pressure- An obstacle in cancer therapy, Heldin, C-H, Rubin K, Pietras K and Østman A. Nature (review); 4, 806-813, 2004.

2. Micropuncture Measurements of Interstitial fluid pressure in rat subcutis and skeletal muscle: Comparison to Wick-in-needle technique. Wiig H, Reed RK, Aukland K. Microvascular Res; 21, 308-319, 1981.

3. Microvascular fluid exchange and the revised Starling principle. Levick JR, Michel CC. Cardiovasc Res. 2010 Jul 15;87(2):198-210.

4. Why do we not all have proteinuria? An update of our current understanding of the glomerular barrier. Haraldsson B and Nyström J. New Physiol Sci; 19: 7-10, 2004.

5. Measuring cerebral blood flow using magnetic resonance imaging techniques. F. Calamante et al. Journal of Cerebral Blood Flow and Metabolism 1999;19:701-735 (kun DSC-MRI side 701-714 er aktuell).- Dette stoffet kan også understøttes av Lab 4 i BMED 360 - <https://sites.google.com/site/bmed360/labs>, og jeg tenker å bruke en variant av dette som Lab-demo (estimering av bilde-avledete perfusjonparametere, CBF, CBV, MTT).