



FIGURE 2

Modified Starling hypothesis^a

Modified Starling hypothesis of fluid flux across the capillary membrane. Filtration force = $([P_c - P_i] - \sigma [\pi_p - \pi_g])$. P_c , Capillary hydrostatic pressure; P_i , Interstitial hydrostatic pressure; π_p , plasma oncotic pressure; π_i , interstitial oncotic pressure; π_g , glycocalyx oncotic pressure

^a Reprinted from Silverstein DC and Hopper K, eds., *Small Animal Critical Care Medicine*, 3rd ed., Waddell L., Colloid osmotic pressure and osmolality, p. 1055, Elsevier (2022), with permission from Elsevier.

The 2024 Fluid Therapy Guidelines for Dogs and Cats are available at aaha.org/fluid-therapy.

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