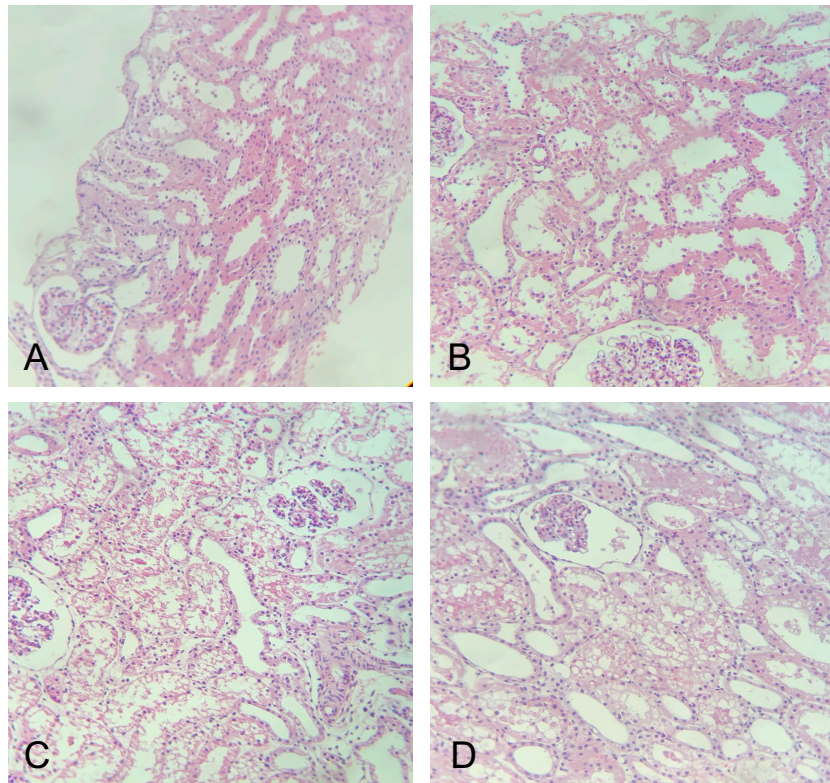
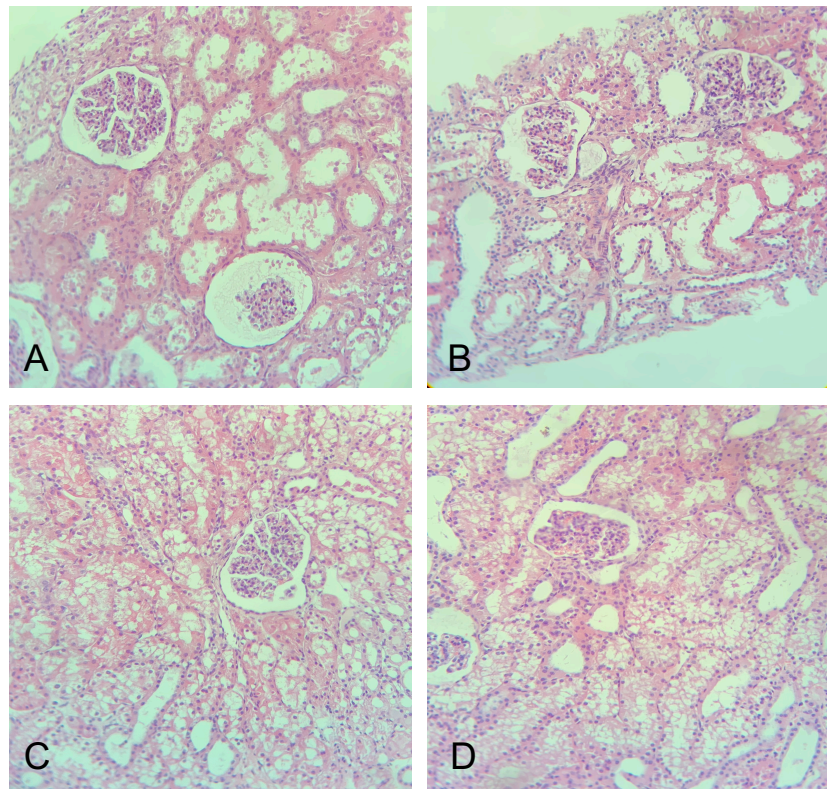


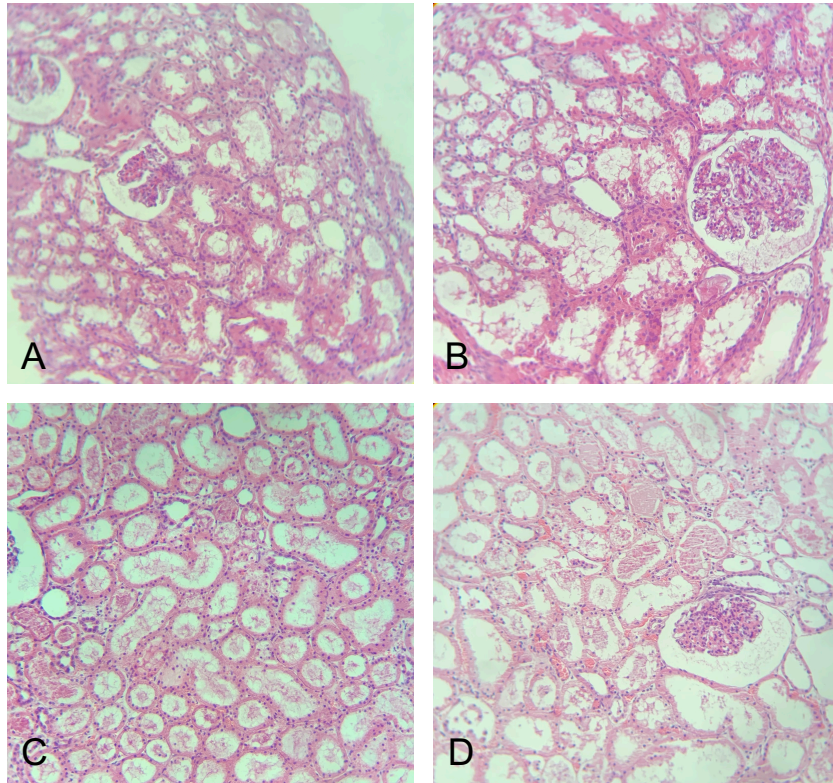
**S1 Fig. Histology 4 perfusate groups**



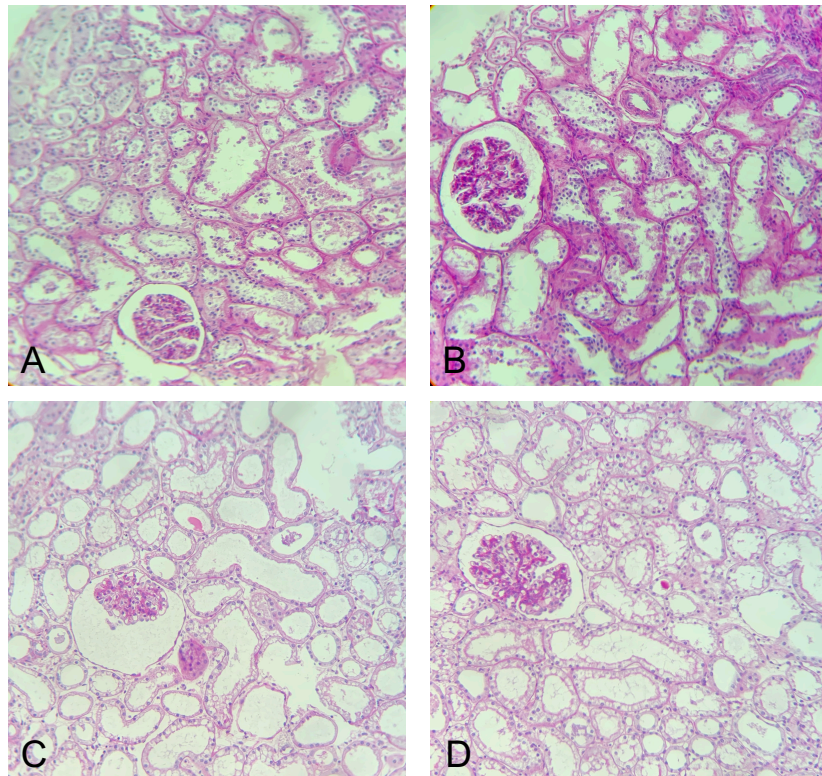
**Fig 1. Histology (HE stained) group 1. t = 0 biopsy (A&B) and t = 420 (C&D).**



**Fig 2. Histology (HE stained) group 2. t = 0 biopsy (A&B) and t = 420 (C&D).**



**Fig 3. Histology (HE stained) group 3.  $t = 0$  biopsy (A&B) and  $t = 420$  (C&D).**



**Fig 4. Histology (HE stained) group 4.  $T = 0$  biopsy (A&B) and  $T = 420$  (C&D).**