

A polymer-based systemic hemostat for managing uncontrolled bleeding

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SUPPLEMENTARY MATERIALS

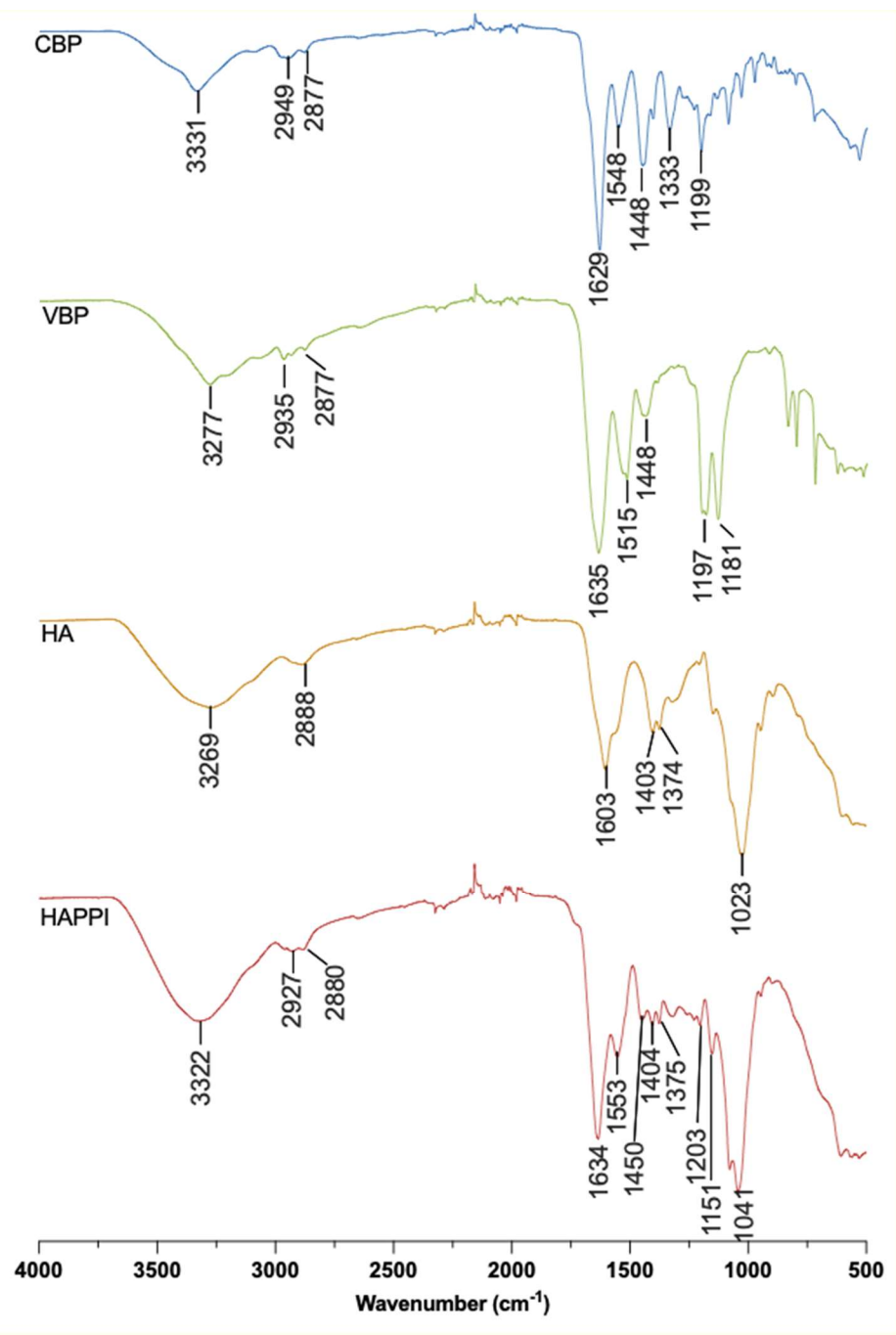


Figure S1. FTIR spectra of CBP, VBP, HA, HAPPI.

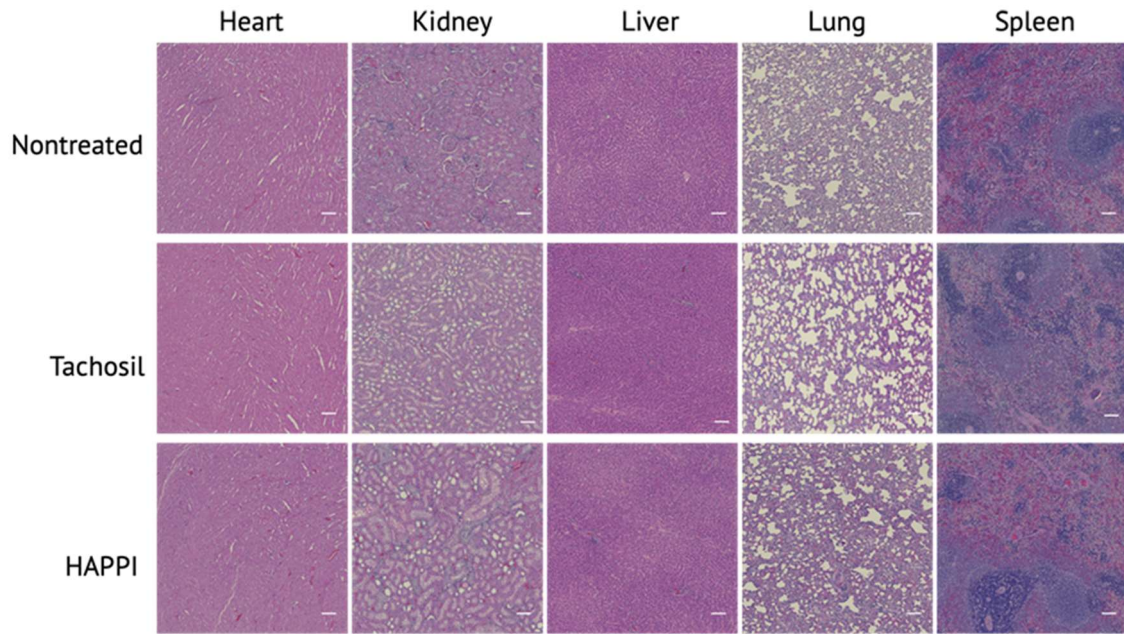


Fig. S2. Representative graphs of hematoxylin and eosin (H&E) staining of vital organs of untreated rats, TachoSil-treated and HAPPI-treated rats with liver punch biopsy injuries. Organs were harvested at 2 hours after the injury. (Scale bar: 100 µm)

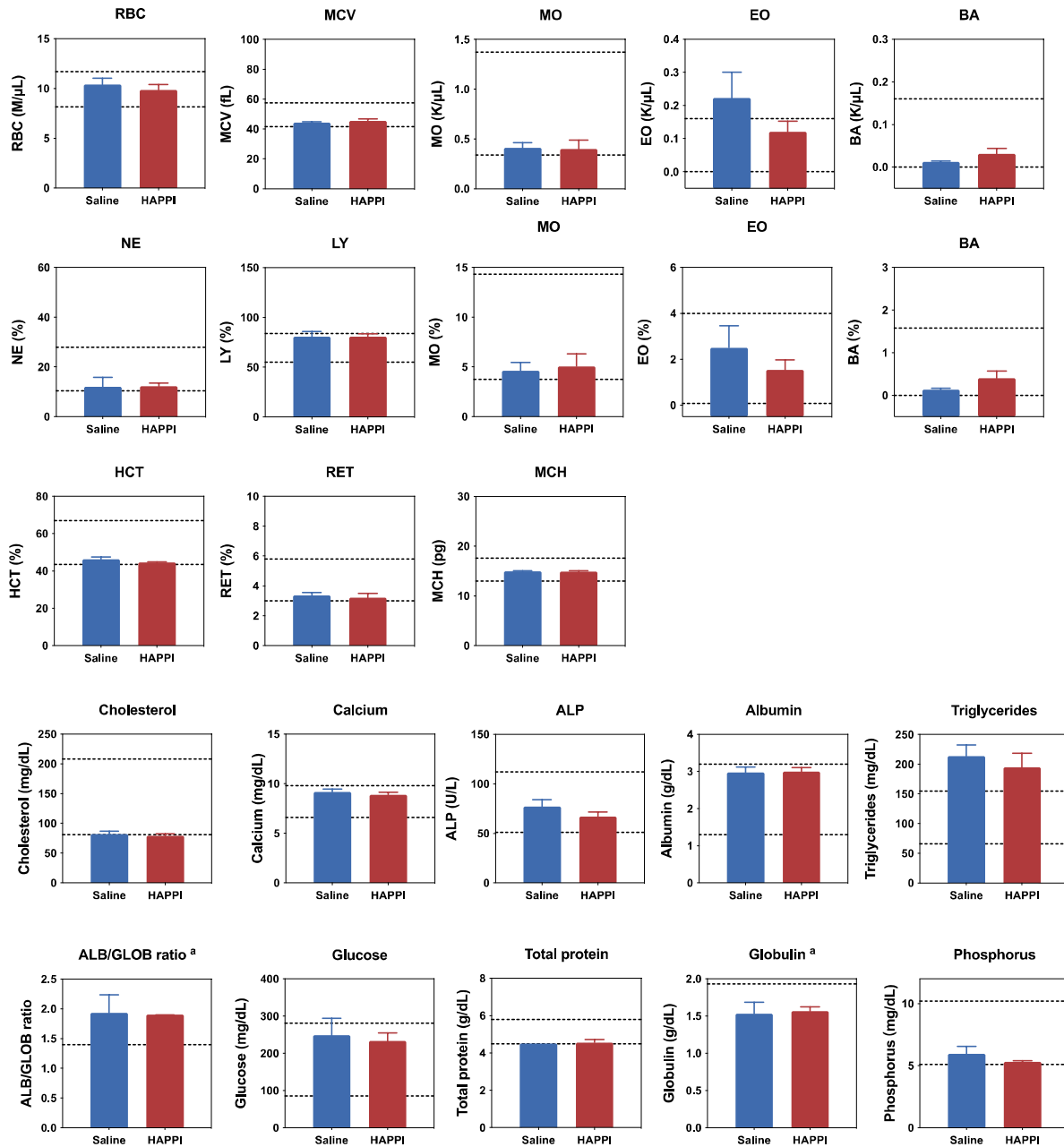


Fig. S3. Hematology and serum chemistry analysis. HAPPI was repeatedly dosed on Days 0, 30, 60 and 90 and blood was withdrawn at Day 97. Ab: RBC: red blood cells, MCH: mean corpuscular hemoglobin, MO: monocytes, EO: eosinophils, BE: basophils, MCV: mean corpuscular volume, HCT: hematocrit, RET: reticulocyte, ALP: alkaline phosphatase, ALB/GLOB ratio: albumin/globulin ratio. All data are mean \pm SD. $n = 3$. Dashed lines indicate established normal ranges (two lines) or values (one line).⁴¹⁻⁴³