Supplementary Information

A novel bi-layered asymmetric membrane incorporated with demineralized dentin matrix accelerates tissue healing and bone regeneration in a rat skull defect model

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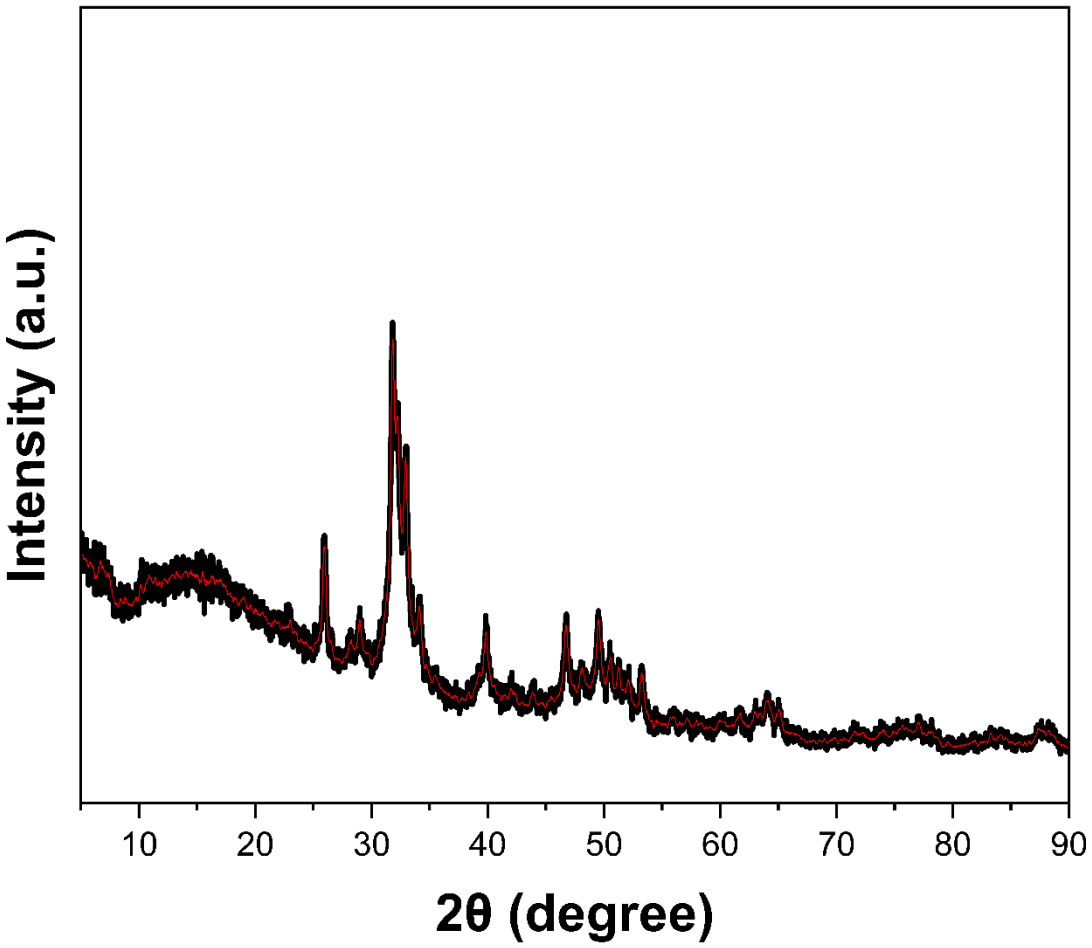
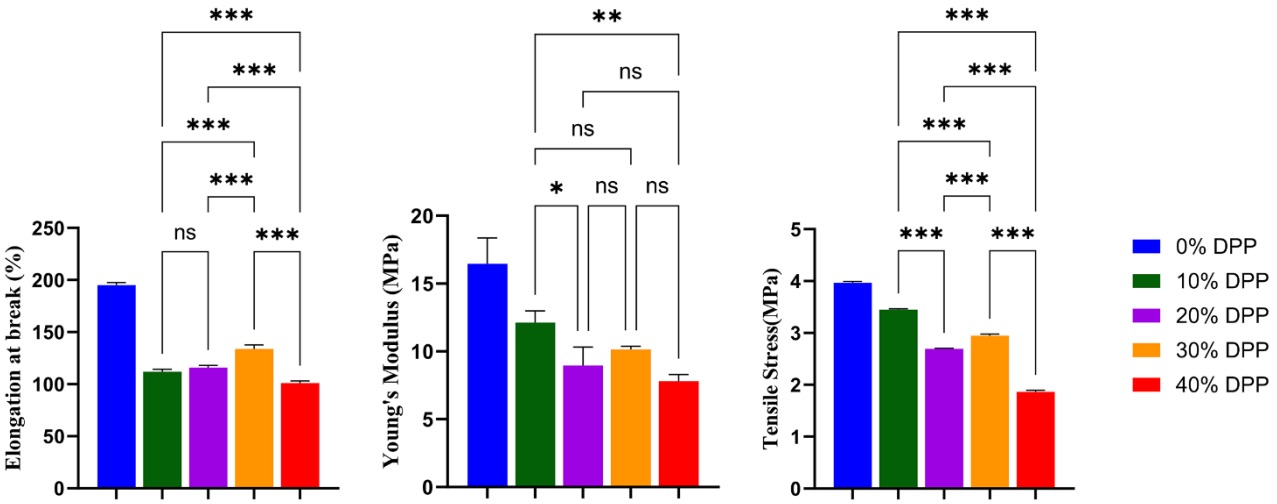
1. Figure S1. The XRD spectrum of DDM particles.

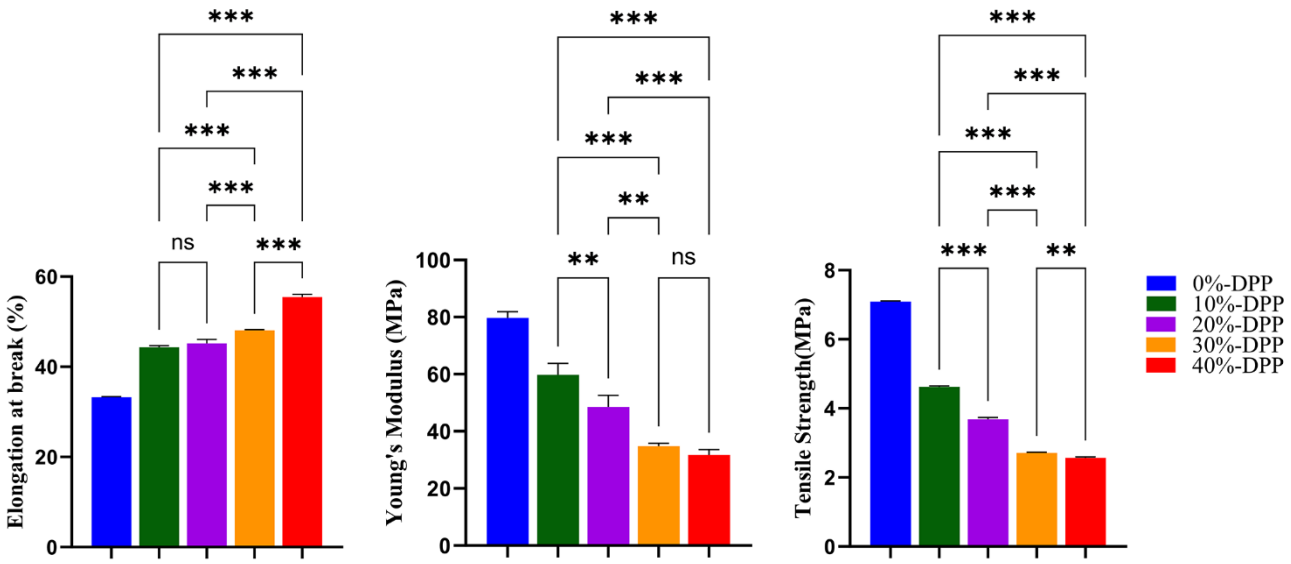


2. Figure S2. Intergroup differences of mechanical properties between different DPP bilayer membranes in the dry state.



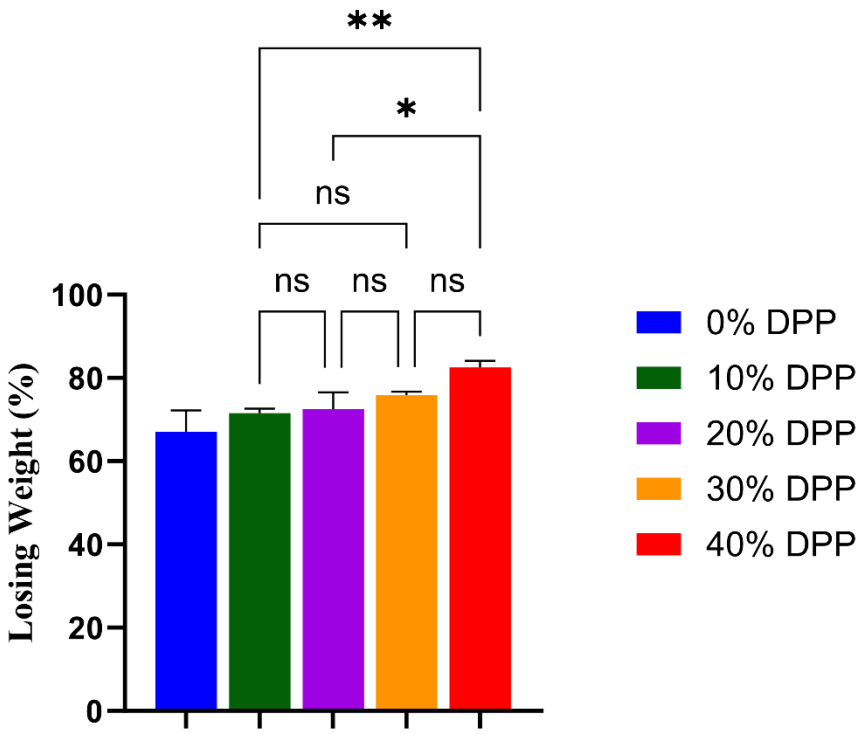
The results were presented as the mean ± standard deviation (SD) of at least three different experiments. ns: not significant, * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.

3. Figure S3. Intergroup differences of mechanical properties between different DPP bilayer membranes in the wet state.



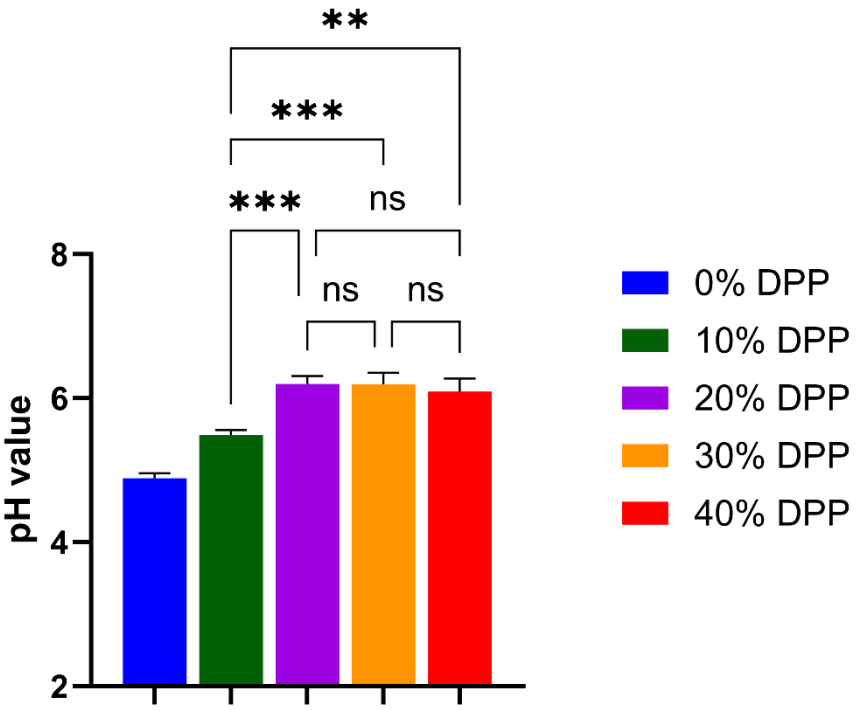
The results were presented as the mean ± standard deviation (SD) of at least three different experiments. ns: not significant, ** $P < 0.01$, *** $P < 0.001$.

4. Figure S4. Intergroup differences of weight loss rate between different DPP bilayer membranes after 24 w in vitro degradation.



The results were presented as the mean ± standard deviation (SD) of at least three different experiments. ns: not significant, * $P < 0.05$, ** $P < 0.01$.

5. Figure S5. Intergroup differences of pH value between different DPP bilayer membranes after 24 w in vitro degradation.



The results were presented as the mean ± standard deviation (SD) of at least three different experiments. ns: not significant, ** $P < 0.01$, *** $P < 0.001$.