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Stretchable, compressible, self-healable carbon nanotube mechanically enhanced composite hydrogels with high strain sensitivity

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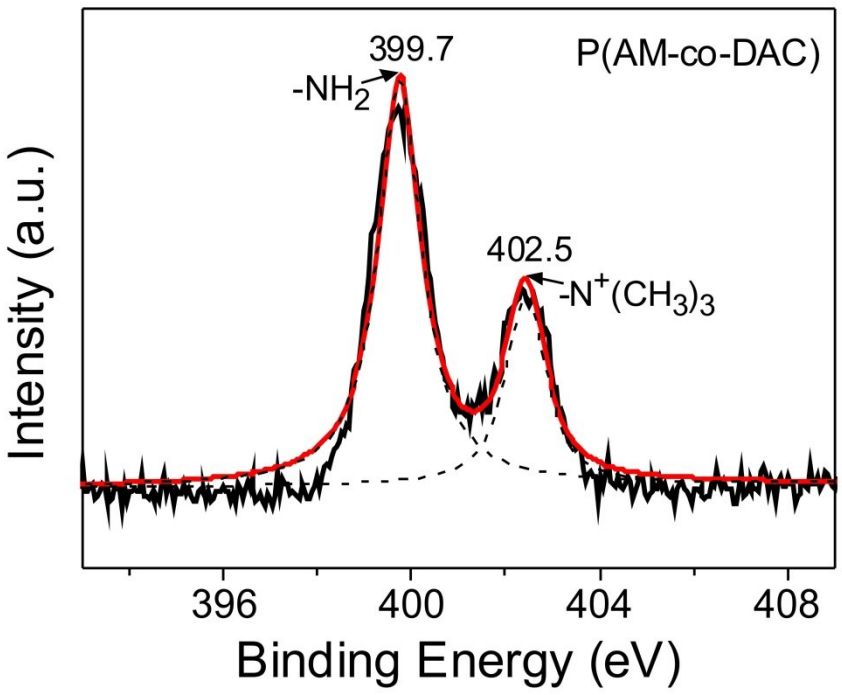

Figure S1. XPS spectra of N 1s.

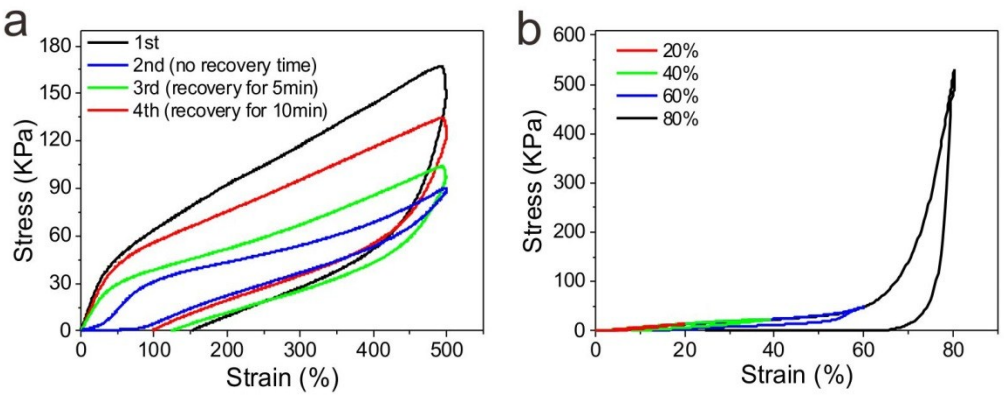

Figure S2. (a) Tensile stress-strain curves of CNT-3wt% under 4 cycles with different recovery time. (b) Compressive stress-strain curves under different compression degree.

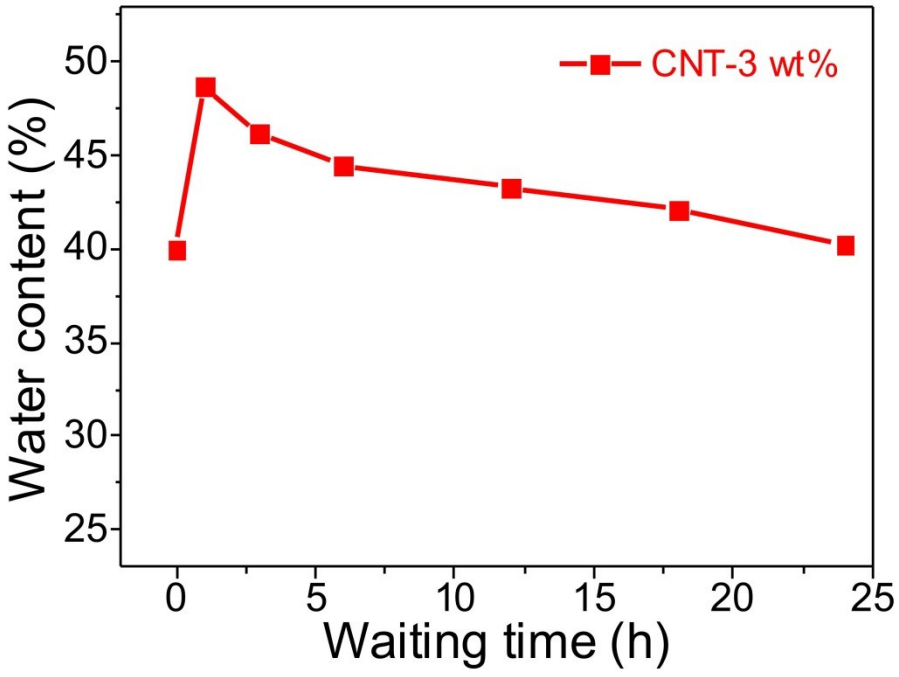

Figure S3. Water content of CNT-3wt% hydrogels under different healing time (waiting time).

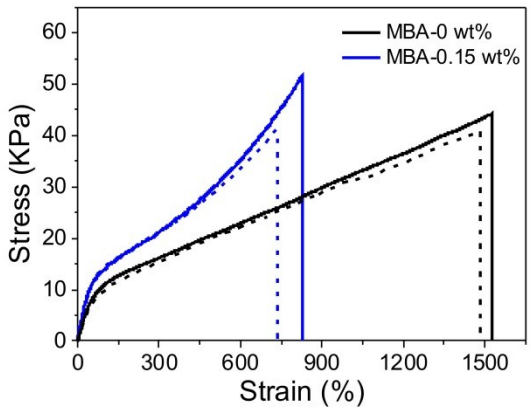

Figure S4. Stress-strain curves of original (solid lines) and healed (dash lines) hydrogels with and without MBA after 24 h healing.

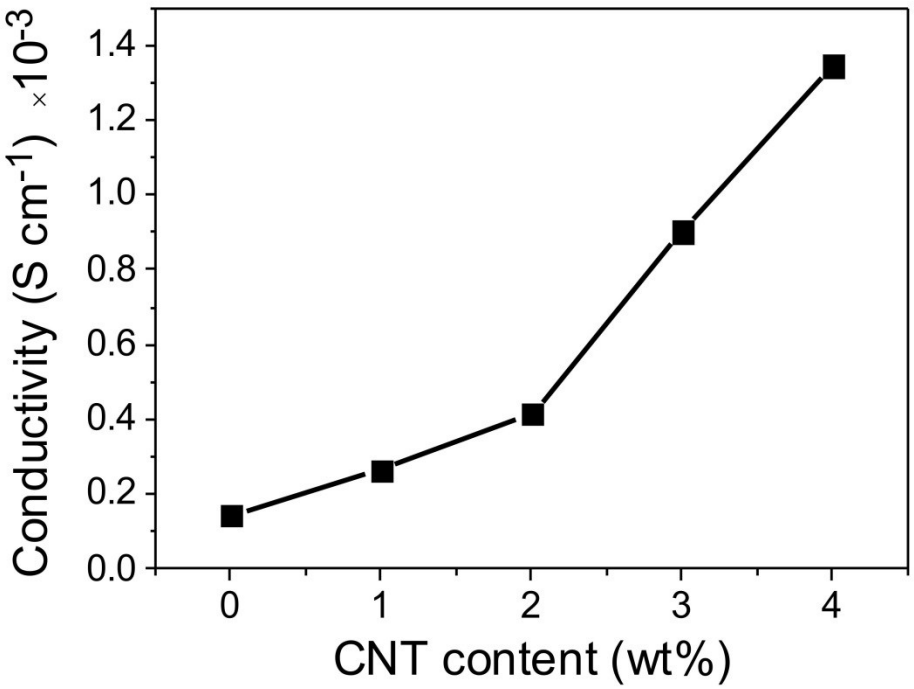

Figure S5. Conductivity of hydrogels with different CNT contents.