

Supporting Information

Magnetic Pt₃Co Nanoparticles as a Novel MR Contrast Agent: in vivo MR

Imaging and Long-term Toxicity Study

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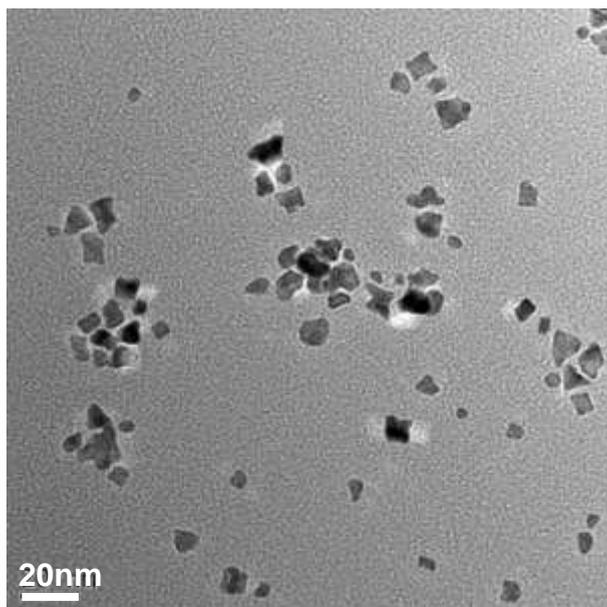


Figure S1. A TEM image of Pt₃Co-PEG. Some small clusters of ultra-small nanoparticles formed during PEG coating.

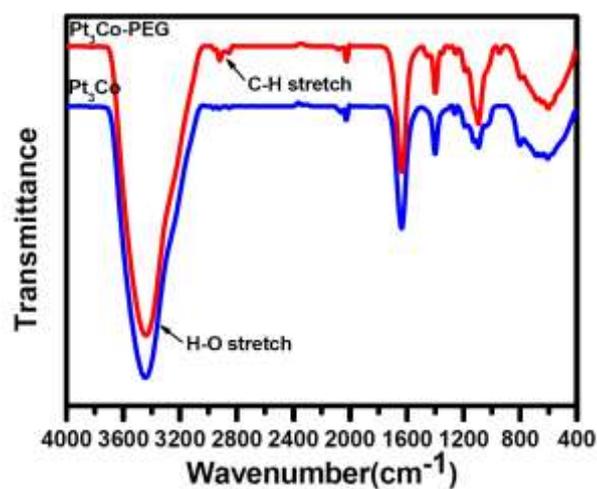


Figure S2. FT-IR spectra of Pt₃Co and Pt₃Co-PEG nanoparticles. The strong IR absorbance bands around 3000cm⁻¹ from the Pt₃Co-PEG sample could be attributed to C-H vibrations in the PEG coating.

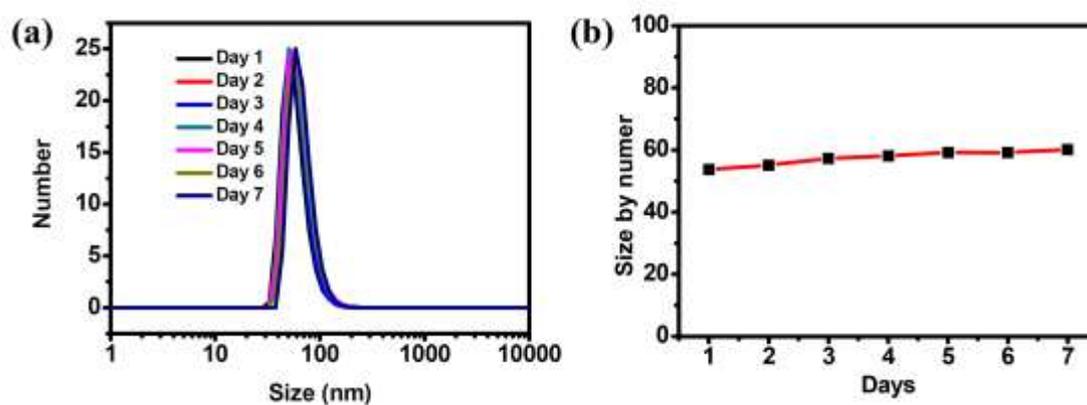


Figure S3. (a) The size distribution of Pt₃Co-PEG nanoparticles measured by DLS at different days. (b) The size of Pt₃Co-PEG by number at different days.