

Nanotubes for Skeletal Reinforcement?

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 - *Date:* Fri, 08 Jul 2005 15:32:25 -0000
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I've posted about this idea before, and some people were even able to quote Sci Fi novel titles to me. But here's some work being done in real life, which could possibly lead to repair or reinforcement of skeletal bones:

http://www.nanotech-now.com/news.cgi?story_id=10437

<whistles the 6Million\$Man tune>

So is there any chance of nanotubes and stem cells being used together, to grow unnaturally strong skeletal bones?

And what about muscle fibers? Nanotubes exposed to ionic charge injection can quantum mechanically contract with far greater work cycle efficiency than natural muscle fibers can. If bone tissue has an affinity to nanotubes, do muscle fibers have any similarly useful affinity for them?

Could we see nanotubes used to enhance and improve the entire skeleto-muscular system?

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