IF I COULD INVENT SOMETHING NEW

What if there were tiny superheroes, like Marvel's Ant-Man, inside your body, keeping you healthy? Imagine if we could create tiny robots like the ones in the cartoon movie “Big Hero 6” that could swim through our bodies and fix everything from the inside out. So, if I could invent something new, that amazing invention would be a medical nanobot.

Nanobots are like minute robots designed to perform certain operations inside our bodies. These operations could include destroying stubborn bacteria, repairing missing hormones for diabetic patients, or even attacking cancer cells. Unlike regular treatments that sometimes give temporary cure with permanent pain, nanobots in this case, would only target bad cells, making treatments more durable and less painful.

One of the coolest thing about the bots is how accurate and smart they are. For example, say you have a terrible headache caused by inflamed blood vessels. A nanobot would travel to the exact spot to fix the problem without tampering with any other organ. In the case of cancer, those bots would only eliminate the cancerous cells, leaving the healthy ones untouched. This obviously makes treatments much safer and effective, compared to the traditional method like chemotherapy, which does, harm all the cells in the body.

But how would these nanobots enter our bodies? They would be introduced through a simple injection or even in a pill that you swallow. Once inside, they would navigate through the bloodstream, using special sensors to find their way to the affected area. This method would be painless and efficient, allowing the nanobots to get to work quickly.

Another question is, would these nanobots stay in our bodies forever? The answer is no. Once they have completed their tasks, nanobots can be designed to break down into harmless byproducts that the body can naturally excrete, or they could be programmed to exit the body through the urinary or digestive systems. This ensures that the nanobots won’t cause any long-term issues after their job is done.

Another awesome benefit of the medical nanobot is its monitoring capability. These tiny bots would keep an eye on our health, thereby providing up-to-date conditions to doctors. This means diseases can be detected early enough. See, how much easier life would be for a diabetic patient if nanobots monitored their sugar levels and delivered the sweet hormones when needed, without any injections.

Personalized medicine is another intriguing aspect of nanobots. Everybody is different, and treatments that work for me might not work for another person. Nanobots are programmed to suit the specific body type of each patient, making sure the best is provided.

All in all, medical nanobot will transform the medical world, though, the cost, scarcity and legality would be determinants. These tiny superheroes have the ability to detect and treat illnesses accordingly, thereby improving health conditions and making life safer for many people. This current economy of things, paves way for the nanobot technology in medicine. It’s promising a newly evolved era of healthcare that would save lives.

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