

Invention protects astronauts



This invention will save lives of astronauts.

Protective underwear to filtrate cosmic radiation and to restore bone tissue in zero gravity.

Dear Space Agency,

It is a known issue that astronauts suffer bone deterioration during their stay in zero gravity and cosmic radiation. Moreover, cell (re)generation is severely affected by the absence of gravity. The magnetic field around planet Earth protects mankind from cosmic radiation.

Researchers have found the beneficial influence of natural magnets to the human body. Magnets are used for healing purposes for example, and it has been discovered that bone structure recovers extremely fast in a magnetic field.

Magnets also have filtration characteristics to radiation. Various patents have been filed on this subject.

Perhaps you may remember the good old days of the big mainframe computers back in the 70's where memory modules were constructed like a fishing net consisting of tiny ferret rings interconnected by wires going through them.

This brought me to the idea to weave tiny rings of magnets in a fishing net tissue, made of polyester or cotton instead of copper wire, in a similar way as the old ferret memory modules, and use that tissue to make long sleeved underwear. This clothing will most likely protect the human body against deterioration of bone tissue in zero gravity and against cosmic radiation that gets filtrated before touching the human skin. So it has two functions in one.

I believe this could be a very interesting experiment for the next space mission. To use this kind of "Van Allen" clothing requires no training, no electricity, no mechanics. Because of the weightless conditions in space, the mass of this clothing is not an issue. Because the tiny magnets are woven in the tissue, with a mutual distance of a few millimeters, it should not disturb the body movements.

Looking forward to your feedback,

Yours sincerely,

George Philip Birney