A Yes, sir, so that particulates or bacteria can be moved up out of the lungs.

In most cases those -- that material is swallowed.

Finally, there are cells within the lungs called macrophages that will gobble up or envelope bacteria or particulates, and attempt to either sequester them, in other words, wall them off, or can move them into lymphatics where they can be brought out by the lymphatic circulation and put into the bloodstream and eventually move them off.

Q In these circumstances, did the macrophages engulf these asbestos fibers?

A Yes, sir, that can happen.

Q Does the size of the fiber make any difference of the macrophage's ability to engulf the fibers?

A Well, it is thought that the shorter fibers are effectively enveloped by the macrophages.

Q I believe you also, in response to some questions by Mr. Ignatowski, talked about the body's