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PM movements inside the human organism.

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During the last two decades, many large cities in the developed and developing countries had suffered by high levels of atmospheric pollution.
This crucial problem is extensively studied by the scientific
community of several countries. Registered health problems are numerous
and dramatic in all ages groups, but particularly so in infants, and patients suffering from chronic diseases due to increased levels of pollutants which inhaled, entering
in the lungs and blood stream and finally being deposited in several organs.
Recent studies indicate that cardiac arrhythmias associated to increased atmospheric
pollution pose a serious threat to human health. (K.N.Grigoropoulos,et al.2008.)

This research study, based on an electron microscopic technique, had as purpose to detect and analyze in details the place, size and movement of PM substances in human cells. The research results show that the concentration of PM substances was very high in the studied specimens. The level of PM concentration is strongly incompatible with public health reasonable quality levels.