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Distribution of specific occupational and environmental diseases induced by toxics

The new industrial world induces a lot of innovative processes. Moreover the emerging works and jobs are linked to nanoparticles and other new toxic compounds used for their industrial properties. But, it is also important to pay attention to the old metals as mercury, lead, inducing always, at the beginning of this new century, occupational diseases, scattered in a lot of small factories. The goal is to present an up-to-date concerning the occupational and environmental diseases induced mainly or partly by an increased large distribution of toxic products. It seems important to take into account the main topics concerning the occupational advances, as telemedicine used by few occupational health departments. The assessment of jobs exposed to carcinogenic risks and their distribution is necessary to prevent cancers initiation. Actually old exposures are inducing new occupational problems as obstructive pulmonary diseases, not only associated with tobacco consumption. It is essential to promote the follow up (ex: Aluminium exposure) which could underline the possible efficiency of an architectural improvement, on the health of workers. Finally, the assessment of environmental or occupational metals exposures (cobalt, thorium) are necessary and could reveal particular not very well known uses.

Biography

Frederic J Deschamps is a Medical Occupational Doctor since 1990. He is a Professor of Medicine since 2002. He manages Department of Occupational Diseases at the University Hospital of Reims. He is the Director of the Department of Occupational Health. His main topic concerns the assessment of diseases in relationship with low level toxic during long periods. He is mainly interested in: occupational health and toxicology.

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