

Why Physiological Studies Are Important

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ABSTRACT

The study of physiological effects of respirator wear is important because the wearer is the point of the respirator. Wearers suffer from many problems associated with respirator wear. Not only does the respirator cover the opening of the respiratory system, but it also interferes with vision, communications, heat exchange, and a perception of the surrounding world. Physiological studies are necessary to reduce the burden of respirators, improve performance, and make the process of certification more compatible with wearers. This talk will look at physiological studies and results that have been discovered in recent years.