

POSTER PRESENTATION

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# Ozone sterilization of the produces for health care: integrative review of literature

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From International Conference on Prevention & Infection Control (ICPIC 2011)  
Geneva, Switzerland. 29 June – 2 July 2011

## Introduction / objectives

An integrative review of the literature with the objective of searching for evidences to subsidize incorporation of the ozone as sterilizing agent of products for health.

## Methods

Using the key words ozone and sterilization, the search was conducted in MEDLINE, SCOPUS, COCHRANE, COMPENDEX, INSPEC bases and ENGINEERING RESEARCH DATABASE.

## Results

Between 1990 and 2008, five publications that tested the ozone as sterilizing were obtained. All the researchers used the same investigation type (laboratory experiment) and they achieved sterilization by ozone, although with varied scope and tested products, besides diversity of methodological procedures.

## Conclusion

Considering the incessant technology changes of products, the wide diversity of designs and raw material, the discoveries denote the ozone a promising method, but still in initial phase of investigation. More experimental studies are necessary, in way to subsidize wider evidences about their possibilities and limitations.

## Disclosure of interest

None declared.

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Published: 29 June 2011

doi:10.1186/1753-6561-5-S6-P315

**Cite this article as:** Sousa et al.: Ozone sterilization of the produces for health care: integrative review of literature. *BMC Proceedings* 2011 **5** (Suppl 6):P315.

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