



PRODUCT BULLETIN

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RE: Rapicide® High Level Disinfectant and Sterilant activity against Tuberculosis

As you know, the health care community has growing concerns over the risks of tuberculosis disease transmission. Questions have been asked by some of you with regard to the performance of Rapicide High Level Disinfectant and Sterilant activity against the organism known to cause tuberculosis in humans, a bacteria known as *Mycobacterium tuberculosis*.

Rapicide has been shown to effectively kill the organism *Mycobacterium tuberculosis var. bovis* with a 5 minute contact time and concentrations as low as 1.5% with a significant margin of safety. *M. bovis* was used as a model for *M. tuberculosis*, the organism responsible for tuberculosis in humans, for the following reasons. FDA guidelines on testing germicides refer to using *M. bovis* as the preferred test strain. The two organisms produce almost indistinguishable lung infections and the *M. bovis* strain has been used as a vaccine against tuberculosis caused by *M. tuberculosis*. *M. bovis* has a similar response to disinfectants as *M. tuberculosis* but it is less dangerous to handle. Both the EPA and FDA clear disinfectants using *M. bovis* data to support a claim of tuberculocidal activity.

Rapicide has been demonstrated to be an effective disinfectant against a broad spectrum of viruses, fungi and bacteria including organisms, which cause tuberculosis. It can be used as an effective disinfectant in the reprocessing of flexible endoscopes with a wide margin of safety when incorporated into a validated reprocessing protocol, which includes manual cleaning.

If you have any questions regarding the contents of this Technical Bulletin, please contact Medivators Technical Support at 1-800-444-4729.

Endoscope reprocessing the way it should be™

MEDIVATORS®

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