



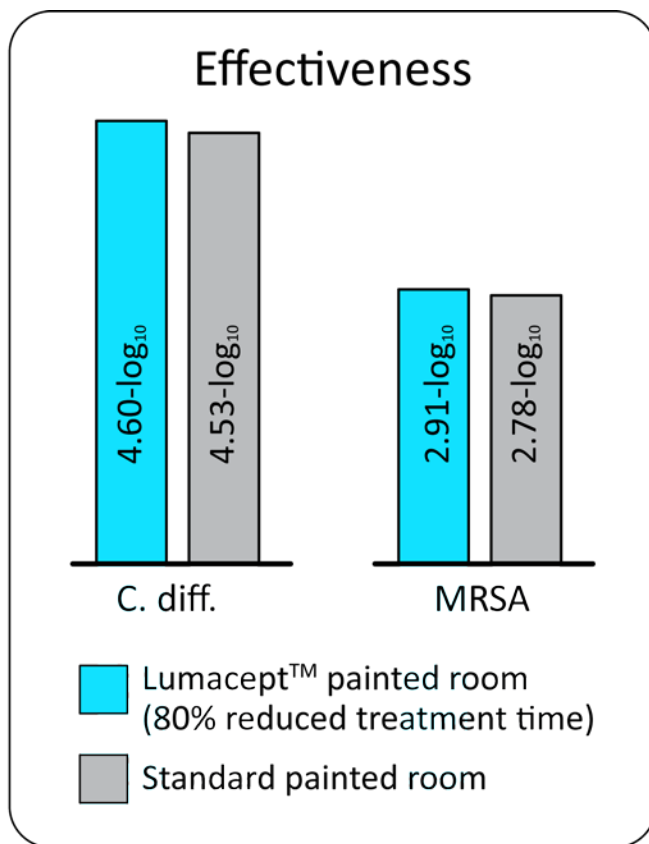
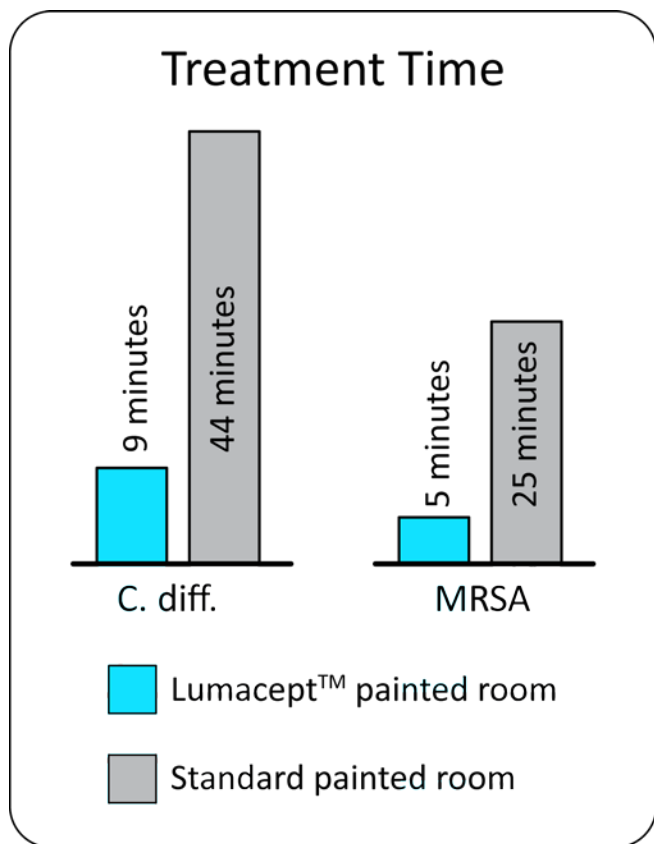
LUMACEPT™ COATING

TECHNICAL DATASHEET

PATIENT ROOM STUDY 80% REDUCTION IN DISINFECTION TIME

In a patient room with walls painted with Lumacept™ where UV-C disinfection times were based on the time needed to treat the shadowed areas, Lumacept™ has been shown* to reduce disinfection times by 80% without any loss in disinfection effectiveness. Adding Lumacept™ to the ceiling and other surfaces further reduced disinfection times.

*Rapid Hospital Room Decontamination Using UV Light with a Nanostructured UV-Reflective Wall Coating. William A. Rutala, Ph.D., M.P.H., Maria F. Gergen MT (ASCP), Brian M. Tande, Ph.D., David J. Weber, M.D., M.P.H. Published in Infection Control and Hospital Epidemiology May 2013.





LUMACEPT™ COATING

TECHNICAL DATASHEET

PATIENT ROOM STUDY UV-C REFLECTIVITY INCREASED 14X IN THE SHADOWS

In a Patient Room Study involving ten shadowed surfaces (not in direct line-of-sight of the UV-C device), Lumacept™ coated walls increased UV-C intensity by an average of **FOURTEEN** times more than standard painted walls. Note that Lumacept™ even scattered UV-C into deeply shadowed areas, such as the back of the headboard.

Even directly lit surfaces benefit. In the same study, six surfaces that were in direct line-of-sight of the UV-C device were also measured. Lumacept™ coated walls increased UV-C intensity by an average of 40% over standard painted walls.

