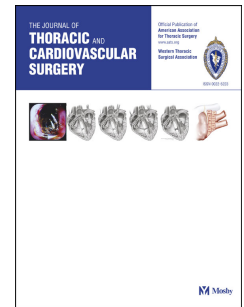


# Accepted Manuscript

Disseminated *Mycobacterium chimaera* infection associated with heater-cooler units after aortic valve surgery *without* endocarditis

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## Disseminated *Mycobacterium chimaera* infection associated with heater-cooler units after aortic valve surgery *without* endocarditis.

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## Declarations

### Competing interests

The authors declare that they have no competing interests.

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## Abstract

Disseminated *Mycobacterium chimaera* infections following cardiovascular procedures using Heater-Cooler systems have been associated with significant morbidity and mortality.

We identified 2 patients, age 62 and 65 years, with disseminated *Mycobacterium chimaera* infection, following aortic valve surgery with graft involvement, diagnosed in 16 months and 3 years following their respective index surgeries. *Mycobacterium chimaera* was isolated from peri-graft tissue in one case and para-aortic tissue in the other. Neither of these cases had any evidence of infective endocarditis. Our cases highlight that disseminated infection with *Mycobacterium chimaera*, after valve surgery may occur without prosthetic valve involvement. The role of surgery to remove suspected infected valve, grafts and peri-graft tissue should be considered. Extensive review of the literature was performed.

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