

Klebsiella spp., and Enterobacter spp.

resistance among organisms¹









CRE has continued to be identified in both clinical and environmental samples from the UGA Small Animal Hospital since its initial detection in July 2022. Distinct antimicrobial susceptibility profiles among isolates may be indicative of multiple introductions.

Thorough cleaning and disinfection was effective at reducing environmental contamination in the hospital, but regular surveillance has continued to identify contaminated areas, especially where high-risk patients are housed.

Emergence and mitigation of carbapenem-resistant *Escherichia coli* in a small animal veterinary teaching hospital

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CONCLUSIONS

Swiffer[®] electrostatic dust pads are an effective, convenient tool to conduct environmental surveillance for CRE in a veterinary teaching hospital.

Affected patients tend to be those at high risk of infection due to a surgical procedure or illness. Those with poor clinical outcomes tend to be severely ill due to pre-existing conditions. However, case fatality rates remain relatively low, indicating that increased antimicrobial resistance does not necessarily equate to increased virulence of the organism.

ACKNOWLEDGEMENTS & REFERENCES

¹Karlsson et al. *Microb Drug Resist* 2022; 28(4):389-397; ²Cole et al. *Emerg Infec Dis* 2020; 26(2):381-383^{; 3}Endimiani et al. *J Antimicrob Chemother* 2020; 75(3):766-768

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