Prescription patterns of antimicrobials by small animal veterinarians in Flanders

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Aim

To describe the prescription pattern of antimicrobials by small animal veterinarians in Flanders.

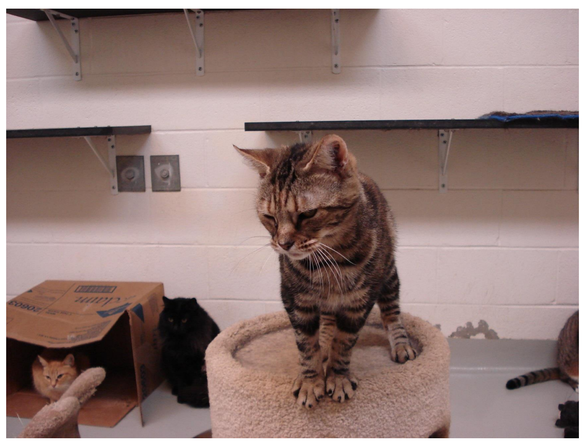
Materials and methods

Questionnaire:
Diagnostic tests, supportive therapy and drugs prescribed

Acute diarrhoea
Pyoderma
Tracheobronchitis

31% amoxicillin/clavulanic acid
19% cephalexin
13% doxycycline

Results



Upper respiratory tract infection (URTI)
Lower urinary tract infection (LUTI)
Subcutaneous abscess

31% amoxicillin/clavulanic acid
17% cefovecin
9% amoxicillin

Clinical case	Veterinarians with correct diagnostic approach (%)	Veterinarians prescribing antimicrobials (%)	Antimicrobial therapy indicated according to guidelines?
Acute diarrhoea	35	16	No
Pyoderma	98	88	No
Tracheobronchitis	54	95	No
URTI	90	87	No
LUTI	17	60	Yes
Subcutaneous abscess	94	98	No

Conclusion

- Optimize diagnostic approach
- Decrease unnecessary antimicrobial prescriptions
- Decrease prescription of cefovecin
- Emphasize supportive and non-antimicrobial therapy