



Small Animal
MEDICINE SOCIETY
Solving diagnostic and therapeutic challenges together

STOP on Sunday (SOS) Urinary Tract Infection Trial

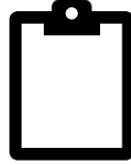
Unscheduled vet visit
Adverse event
Further investigations
Euthanasia

REPORT



Follow-up
call

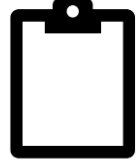
MONDAY



Automatic
online owner
survey

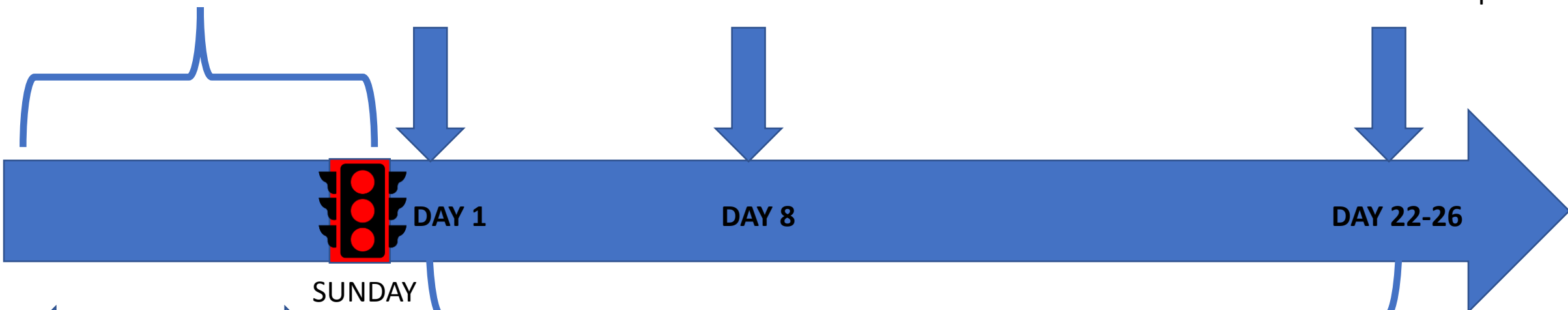
MONDAY

Follow-up
call



Automatic
online owner
survey (28d
after initial
presentation)

MONDAY



SUNDAY

DAY 1

DAY 8

DAY 22-26

3-7 DAYS



VARIABLE DURATION ANTIBIOTIC COURSE



REPORT

Recurrence
Vet visit
Euthanasia

INCLUSION CRITERIA

- The owner is willing and able to give informed consent for participation in the study
- The dog is aged 6 months to 10 years
- The dog has a history of acute (< 7 days) pollakiuria, dysuria or haematuria
- The case clinician intends to prescribe antibiotics in the management of the case

EXCLUSION CRITERIA

- Detection of a non-bacterial cause of the clinical signs
- Suspicion of upper urinary tract involvement
 - presence of abdominal/lumbar pain
 - pyrexia (rectal temperature $>39.5^{\circ}\text{C}$)
- Recurrent UTI
 - Previous UTI reported in the past 28 days
 - Three or more episodes of clinical bacterial cystitis in the last 12 months
 - Two or more episodes in the last 6 months
- Any dog on corticosteroid therapy, insulin, trilostane or thyroxine supplementation
- Dogs that have received antibiotics for any reason in the past 14 days.
- Known intolerance of amoxicillin/clavulanate
- Owners unable to administer medications q12 hours throughout treatment period

Steps of process (1st Visit)

- Confirm meets inclusion criteria and no exclusion criteria
- Obtain informed owner consent (sign consent forms)
- Prescribe amoxicillin-clavulanate
 - 12.5 mg/kg twice daily rounded up to the nearest possible tablet size or fraction that can be administered
 - N^o treatments reqd:

Day of presentation	Monday	Tuesday	Wednesday	Thursday	Friday
N ^o treatments reqd. (am appt)	14	12	10	8	6
N ^o treatments reqd. (pm appt)	13	11	9	7	5

- Enter details into Castor for 1st visit
- The owner email MUST be entered into CASTOR on the day of presentation

Steps of process (Monday after treatment)

- Antibiotic treatment will be completed Sunday evening (Day 0)
- Telephone contact with owner on the Monday (Day 1)
- Assess response to treatment
 - Record findings into Castor
 - Further treatment/diagnostics at the case clinician's discretion

Steps of process (Owner surveys)

- Automatically emailed to owner on:
 - Day 8 (2nd Monday after completion of antibiotic course)
 - 28d after initial presentation (22-26 days after completion of antibiotic course)
- No input from case vet required
- Owners may receive email reminders to complete the surveys

Steps of process (3 week follow-up)

- Telephone contact with owner on the 4th Monday (Day 22)
- Assess response to treatment and any signs of recurrence
 - Record findings into Castor
 - Further treatment/diagnostics at the case clinician's discretion

Steps of process (Unscheduled visits)

- In the following circumstances an extra report should be entered into the patient's Castor record:
 - Failure to respond or worsening of signs in the first week of treatment
 - Recurrence of lower urinary tract signs after completion ab course
 - Adverse event
 - Euthanasia/death
 - Performance of any diagnostics (urinalysis, radiography or ultrasound) outside of initial presentation