There is No Evidence For or Against the Use of Non-Steroidal Anti-Inflammatory Drugs to Reduce the Clinical Duration of Kennel Cough (Infectious Tracheobronchitis).

A Knowledge Summary by

Marc A. C. Silpa BVM&S MRCVS *

* Corresponding Author (m.a.c.silpa@gmail.com)
Clinical bottom line

There is no evidence on which to judge the efficacy of non-steroidal anti-inflammatory drugs for the treatment of kennel cough

Question

In [canines], does the use of [NSAIDs] versus [no treatment] reduce the [clinical duration of canine infectious tracheobronchitis (kennel cough)]?

Clinical scenario

Mr. Smith brought his two year old male Labrador Retriever, “Winston”, to your clinic for a sudden onset hacking cough. Winston was housed in a kennel last week while the owners were on holiday. On clinical exam, the dog coughs when the trachea is manipulated, but is well otherwise. You suspect “Winston” has infectious tracheobronchitis. You, keeping aware of the latest EBVM publications, know antibiosis is not warranted in this case. But you wonder if a few doses of a non-steroidal anti-inflammatory drug would reduce the time that it takes for “Winston’s” cough to resolve.

The evidence

There are no research studies, case studies, or epidemiological surveys published on the use of non-steroidal anti-inflammatory drugs (NSAIDs) for the treatment of canine infectious tracheobronchitis. No judgement can be made whether the use of NSAIDs is justified. Further research is needed.

Appraisal, application and reflection

There are no research studies, case studies, or epidemiological surveys published on the use of non-steroidal anti-inflammatory drugs (NSAIDs) for the treatment of canine infectious tracheobronchitis. No judgement can be made whether the use of NSAIDs is justified. Further research is needed.

Methodology Section

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<td>Search terms:</td>
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<td>Dates searches performed:</td>
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### Exclusion / Inclusion Criteria

<table>
<thead>
<tr>
<th>Exclusion:</th>
<th>Non English language, Non-systematic reviews or conference papers</th>
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<tr>
<td>Inclusion: Systematic reviews, randomised controlled trials, case studies, meta-analyses and epidemiological surveys</td>
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### Search outcome

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<th>Excluded – non-English language publication</th>
<th>Excluded – did not answer PICO question</th>
<th>Total relevant papers</th>
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Total relevant papers when duplicates removed 0
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