Relief. Just where it’s needed.

Tissue-selective
Strong safety profile
For dogs and cats

onsior®
(robencoxib)
Onsior® is available in a range of convenient and easy-to-dose formulations.

**Injectable solution for dogs and cats**

*Injection* (2 mg/kg for dogs and cats) subcutaneously:

**Dogs:** For the relief of pain and inflammation associated with orthopedic or soft tissue surgery.

**Cats:** As an adjunctive medication in the control of postoperative pain and inflammation associated with onychectomy, ovariohysterectomy and castration in cats.

**Palatable tablets for dogs**

*Tablets* (5 mg, 10 mg, 20 mg, 40 mg): For the relief of pain and inflammation associated with osteoarthritis in dogs.

**Palatable tablets for cats**

*Tablets* (6 mg):

1. For the relief of acute pain and inflammation associated with cat bites and scratches and without abscesses and musculoskeletal injuries such as sprains and strains in cats.
2. As an adjunctive medication in the control of postoperative pain and inflammation associated with onychectomy, ovariohysterectomy and castration in cats.

Highly palatable tablets for both dogs and cats (shown at actual size).

No “pilling” required! 159 out of 160 times, cats spontaneously accepted Onsior® ⁴
Onsior® is the ONLY pain relief that has proven tissue selectivity$^{7,8}$ and COX-2$^{13,14}$ selectivity.

- One tablet a day for the vast majority of dogs and cats.
- Dosing range ensures accurate dosing.
- Highly palatable tablets – beef flavour for dogs, yeast flavour for cats.
- Onsior® can be administered without food or with a small quantity of food – which provides pet owners flexibility to administer medication.

**Onsior® tablets for dogs**
1 mg/kg with a dose range of 1-2 mg/kg:

<table>
<thead>
<tr>
<th>Body Weight (kg)</th>
<th>5 mg</th>
<th>10 mg</th>
<th>20 mg</th>
<th>40 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 to &lt; 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 to &lt; 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 to &lt; 20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 to &lt; 40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40 to 80</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Tablets not actual size.

**Onsior® 6 mg tablets for cats**
1 mg/kg with a dosing range of 1-2.4 mg/kg:

<table>
<thead>
<tr>
<th>Body Weight (kg)</th>
<th>Number of Tablets</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 to &lt; 6</td>
<td></td>
</tr>
<tr>
<td>6 to &lt; 12</td>
<td></td>
</tr>
</tbody>
</table>

Note: Tablets not actual size.

A feline expert panel of the Feline Advisory Bureau (FAB) recognized Onsior® with its “Easy to Give” Award. The award distinguishes products that are designed to be more palatable or easier to give to cats, which makes life better for vets, owners and feline patients alike.
What does “tissue selectivity” mean?

1. Onsior® is quickly absorbed from the gastrointestinal tract.
   
   Fast $T_{\text{max}} = 30$ minutes$^5,6$

2. Onsior® is eliminated from the blood quickly.*
   
   Short blood $T_{1/2} = 1.7$ hours (cats)$^5$
   and 1.2 hrs (dogs)$^6$

3. Onsior® has demonstrated tissue selectivity.$^7,8$

4. Onsior® is effective with DAILY dosing.*$^1,3$

   Effective for a full 24 hours.$^1,3$

* Oral administration

Tissue selectivity: A key component of the strong safety profile of Onsior®$^5,6,10,11$
How does tissue selectivity contribute to the strong safety profile?

Onsior® spares vulnerable organs and the GI tract from prolonged exposure to effective drug concentrations.\(^7,8\)

NSAIDs with short elimination half-lives – like Onsior® – are rapidly cleared from the pharmacokinetic central compartment, which includes well-perfused organs such as the kidneys, liver, heart and blood vessels.\(^9\)

The liver and kidneys are key destinations of cardiac blood.\(^12\)

**High COX-2 selectivity**

- COX-1 enzymes produce prostaglandins that support kidney and platelet functions and protect the GI mucosa.
- COX-2 enzymes produce prostaglandins that lead to inflammation and pain.

In cats, robenacoxib is \(500\times\) more selective for COX-2 than COX-1\(^9\).

In dogs, robenacoxib is \(140\times\) more selective for COX-2 than COX-1\(^9\).
Onsior® is in a class of its own.

Onsior® is the ONLY NSAID approved for dogs and cats with the benefit of both tissue selectivity and high COX-2 selectivity.

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Onsior® Tablets for Dogs</th>
<th>Onsior® Injectable</th>
<th>Metacam® Oral Suspension</th>
<th>Metacam® Injectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robenacoxib</td>
<td>30 minutes</td>
<td>1 hour</td>
<td>7.5 hours</td>
<td>2.5 hours (SQ)</td>
</tr>
<tr>
<td>T&lt;sub&gt;max&lt;/sub&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T&lt;sub&gt;1/2&lt;/sub&gt;</td>
<td>1.2 hours</td>
<td></td>
<td>24 hours</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

How Onsior® tablets for dogs compares:

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Onsior® Tablets for Cats</th>
<th>Onsior® Injectable</th>
<th>Metacam® – Oral Suspension for Cats</th>
<th>Metacam® – Injectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robenacoxib</td>
<td>30 minutes</td>
<td>1 hour</td>
<td>3 hours</td>
<td>1.5 hours</td>
</tr>
<tr>
<td>T&lt;sub&gt;max&lt;/sub&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T&lt;sub&gt;1/2&lt;/sub&gt;</td>
<td>1.7 hours</td>
<td></td>
<td>24 hours</td>
<td>15 hours</td>
</tr>
</tbody>
</table>
Onsior®: Proven safety profile studied over wide margins.

<table>
<thead>
<tr>
<th>Dogs(^5,10,16)</th>
<th>Maximum margin of safety studied</th>
<th>Duration of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tablets</td>
<td>Up to 5X daily dose (study tested up to 10 mg/kg)(^6)</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td>Up to 20X daily dose (study tested up to 40 mg/kg)(^9)</td>
<td>28 days</td>
</tr>
<tr>
<td>Injectable</td>
<td>Up to 10X daily dose (study tested up to 20 mg/kg)(^16)</td>
<td>6 weeks</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cats(^5,11,16)</th>
<th>Maximum margin of safety studied</th>
<th>Duration of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tablets</td>
<td>Up to 4X daily dose (study tested up to 10 mg/kg)</td>
<td>28 days</td>
</tr>
<tr>
<td></td>
<td>Up to 8X daily dose (study tested up to 10 mg/kg twice daily)(^11)</td>
<td>42 days</td>
</tr>
<tr>
<td></td>
<td>to 5X daily dose (study tested up to 12 mg/kg)(^5)</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td>Up to 10x daily dose (study tested up to 24 mg/kg)(^5)</td>
<td>21 days</td>
</tr>
<tr>
<td>Tablets + Injectable(^*)</td>
<td>Up to 5X daily dose(^16)</td>
<td>37 days</td>
</tr>
</tbody>
</table>

\(^*\) Interchangeable use was evaluated by alternating three 7-day oral tablet/3-day subcutaneous injection cycles followed by one final 7-day oral tablet dosing cycle.

As with all drugs in this class side effects can occur, please consult the package insert for a full list of side effects. These are normally mild, but may be serious. Pet owners should discontinue therapy and contact their veterinarian immediately if side effects occur. Evaluation for pre-existing conditions and regular monitoring are recommended for pets on any medication, including Onsior®. Use with other NSAIDs or corticosteroids should be avoided.
Make Onsior® part of your practice.

Onsior® is the ONLY tissue-selective and highly COX-2 selective NSAID for dogs and cats.

**Tissue-selective**
- Short blood half-life minimizes exposure to vulnerable organs, but persists much longer in inflamed tissues7,8

**Palatable**
- Easy daily dosing for dogs and cats

**Convenient**
- Available as flavour tablets or injection

References
5. Canadian Onsior® Tablets for Cats product insert.
6. Canadian Onsior® Tablets for Dogs product insert.
18. Canadian Metacam® 9.5% injection product insert.

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