

COAST *Canine OsteoArthritis Staging Tool*

COAST is a new staging tool for canine OA recently proposed by leading experts in the fields of orthopedic health and pain management as a standardized approach to evaluating dogs with clinical signs of OA as well as those at risk of developing OA.



INTRODUCING THE COAST Interactive PDF



- Simplifies the use of COAST within the clinic
- Walks through the process one step at a time
- Pop-up additional details for accurate grading
- Automatic calculation of the COAST Stage of OA
- MAC or PC compatible
- Completed PDF can be **printed** or **stored electronically**
- Empty form may be printed for completion by hand if preferred

INSTRUCTIONS FOR USE

Summary

- The COAST PDF should be completed by an Animal Healthcare Professional (AHP)
- Completion of the patient information/signalment sheet is optional
- Grading is obtained by recording both pet owner and veterinarian/AHP evaluations of the patient as indicated
- Use a validated Clinical Metrology Instrument (CMI) “pet owner questionnaire” appropriate for the purpose of the assessment
- The COAST interactive PDF will automatically calculate the grades and COAST stage from the selections made
- The results obtained may help guide initiation or modification of a patient health care plan, tailored to meet the requirements of the individual dog

Requirements for accurate, trouble-free use of the PDF

- Selections must be made in listed order (top to bottom) for proper calculation
- Hover over the radio buttons for additional information (pop-ups whenever available) to assist accurate first-time selection
- Alterations to selections will interfere with the calculation
 - » Please close and restart the PDF if a selection needs to be changed
- Upon completion, it is recommended that the assessment be given a unique file name and be saved as a JPEG to lock down responses
 - » Navigation: (Click) FILE > (Scroll To) SAVE AS > (Select From Menu) JPEG > Save
 - » Print: a hard copy of the assessment if required
- The PDF template must be re-opened to begin a new patient assessment
- Increase the magnification of the entire page to view text in larger format

Please contact your local Elanco representative for further information about in-clinic tools designed to support and simplify the use of COAST within the veterinary clinic

COAST Development Group

T. Cachon
O. Frykman
J.F. Innes
B.D.X. Lascelles
M. Okumura

P. Sousa
F. Staffieri
P.V. Steagall
B. Van Ryssen

COASTDevGroup@gmail.com

The COAST is a proposal for a standardized staging system for canine osteoarthritis (OA). Please contact the COAST Development Group at the above email with feedback/information that can be used to further develop and optimize this tool

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Full article available open access: Cachon T et al. Face validity of a proposed tool for staging canine osteoarthritis: canine osteoarthritis staging tool (COAST). The Veterinary Journal 235 (2018)¹⁻⁸





Grade The Dog

Enter results of the pet owner assessments (CMI and their opinion of overall degree of their dog's discomfort) as well as the results of the orthopedic examination. Severity increases from left to right. Hover over the radio button for additional information whenever available.

PET OWNER
ASSESSMENTS

Clinical Metrology Instrument (CMI)

0 or Very Low Score
Not clinically affected

Low Score
Mildly affected

Medium Score
Moderately affected

High Score
Severely affected

Clinical Metrology Instrument (CMI)

0

MILD <10

MODERATE 11-20

SEVERE TO EXTREME 21+

Degree of Dog's Discomfort

None

Low Level

Moderate Level

Unbearable

Effect on Static Posture

Normal

Mildly Abnormal

Moderately Abnormal

Severely Abnormal

Effect on Motion

Normal

Mildly Abnormal

Moderately Abnormal

Severely Abnormal

EVALUATION BY
VETERINARIAN



Grade The Joint

Select side and most severely affected joint

RIGHT

LEFT

SHOULDER

ELBOW

CARPUS

HIP

STIFLE

HOCK

Pain upon Manipulation

None

Mild

Moderate

Severe

Passive Range of Movement

Normal

Mildly Abnormal

Moderately Abnormal

Severely Abnormal

Radiography

No radiographic signs of OA

Mildly Abnormal

Moderately Abnormal

Severely Abnormal

EVALUATION BY
VETERINARIAN



Disease Severity

Highest grade equates to COAST stage

Normal

Normal

DOG GRADE

JOINT GRADE

Re-evaluate if disparity of 2 or more grades between dog and joint results

PRE-CLINICAL
0-1

MILD
2

MODERATE
3

SEVERE
4

COAST Stage of Canine Osteoarthritis