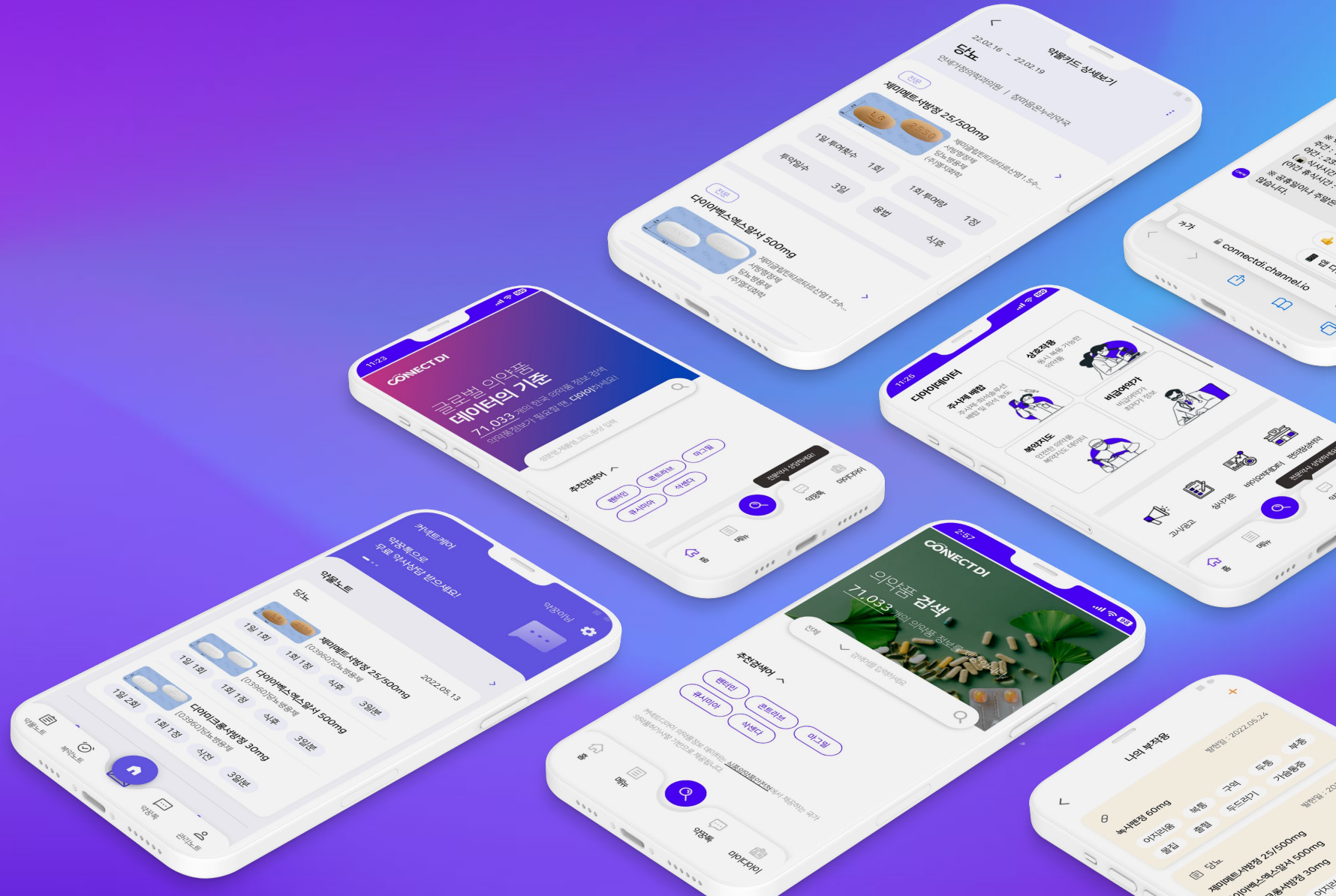


# Vet-Anatomy User Manual





## 1. What is Vet-Anatomy?

vet-Anatomy is a high-quality atlas of veterinary anatomy based on medical imaging, created under the supervision of Dr. Susanne AEB Boroffka, dipl. ECVDI, PhD and Antoine Micheau, MD. It's based on the same framework as the popular award-winning e-Anatomy, but dedicated to animals.

### Animal Coverage

---

Dog  
Cat  
Horse  
Bovine  
Mouse

### Contents Coverage

---

CT  
Endoscopy  
Illustrations  
MRI  
Radiographs



## 2. Login

1. Click the login button

IMAIOS ANATOMY IMAGING EXAM PREP. SUBSCRIBE SUPPORT

Q Gb LOGIN

Sign up

ones@onesglobal.com

.....

Keep me signed in [Forgot your password?](#)

LOGIN REGISTER →

OR

Sign in with Google

Sign in with Facebook

2. Enter your username and password

IMAIOS ANATOMY IMAGING EXAM PREP. SUBSCRIBE SUPPORT

Q Gb Seung Won Lee

e-Anatomy

**vet-Anatomy**

Anatomy Ninja Lower Limb

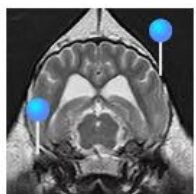
3. Select a database



### 3. How to use Vet-Anatomy

DOG

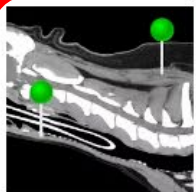
Atlas of the canine anatomy based on veterinary anatomy diagrams and



Dog - Brain

MRI

PREMIUM



Dog - Neck

CT

PREMIUM

**SPECIES** ▼

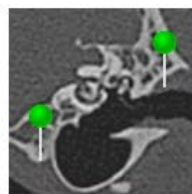
- Dog
- Cat
- Horse
- Bovine
- Mouse

Clear filters

**MODALITIES** ▼

- CT
- Endoscopy
- Illustrations
- MRI
- Photography
- Radiographs

Clear filters



Dog - Temporal bone

CT

PREMIUM



Dog - General anatomy



Dog - Osteology

Illustrations

PREMIUM



Dog - Arthrology

Illustrations

PREMIUM

DOG



Dog - Brain

MRI

PREMIUM



Dog - Head

CT

FREE



Dog - Temporal bone

CT

PREMIUM



Dog - Neck

CT

PREMIUM



Dog - Osteology

Radiographs

FREE



Dog - General anatomy

Illustrations

FREE



Dog - Myology

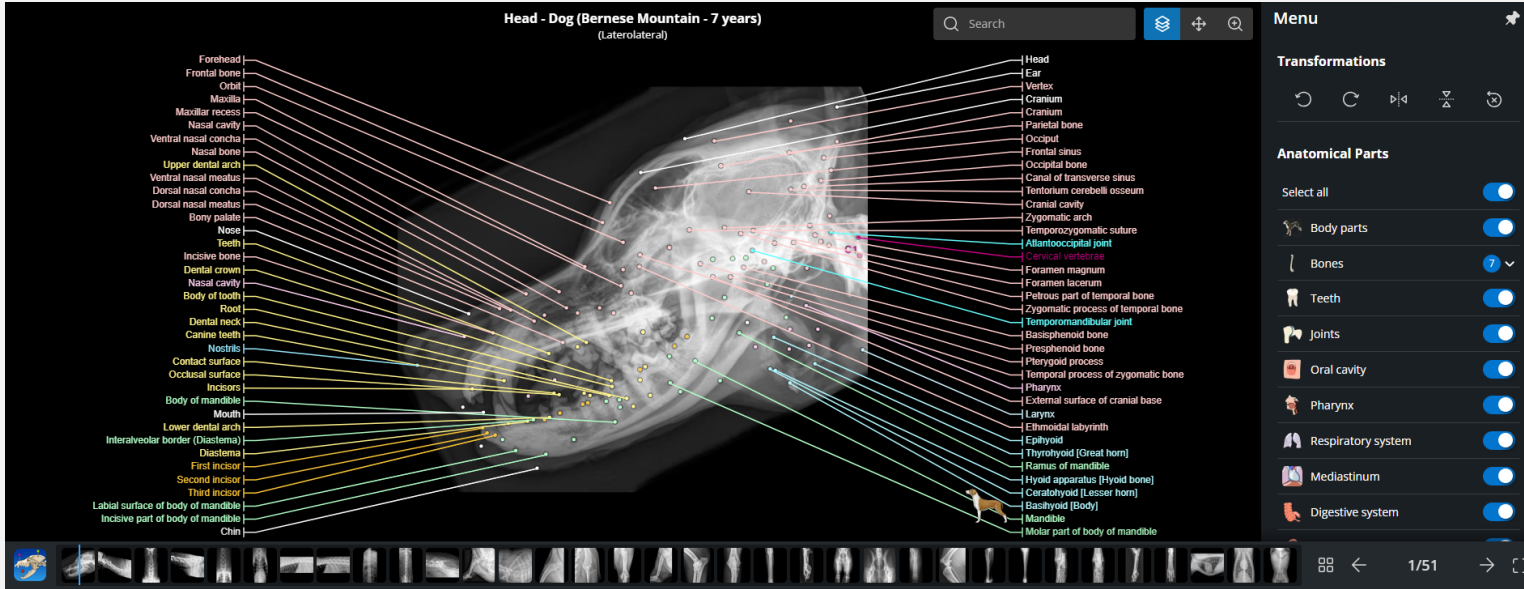
3. Select an image

1. Select the desired species from the list

2. Select the desired form from the modalities



### 3. How to use Vet-Anatomy



Scroll mode



Vertical rotation



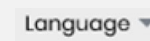
Rotate right



Save



Menu Description



Select language



Move image



Horizontal rotation



Undo



Switch to HQ image



Select a category



Search



Zoom



Rotate left



Quiz mode



View Zone



Select a series



View full screen



### 3. How to use Vet-Anatomy

The screenshot displays the Vet-Anatomy software interface. On the left, there is a sidebar with sections: 'Definition' (stating 'There is no description for this anatomical part yet.'), 'In this module' (with two small images of a skull), and 'In other modules' (with three larger images of different views). The main area shows a 3D skull model with numerous anatomical labels connected by lines. A red box highlights a label 'Mandible' in the list. A grey callout box with a white arrow points to the label with the text '1. Click on the label'. On the right, there is a control panel titled 'Anatomical Parts' with a list of parts and toggle switches. The 'Bones' category is selected, showing 7 items. A red box also highlights a label 'Mandible' in the list.

- Images: Type-specific, module-specific related image browsing
- Description
- Anatomical hierarchy
- Anatomical children



### 3. How to use Vet-Anatomy

#### Criteria of McKenna on MRI: modified task force criteria

ARVD-mcKenna-Arrhythmogenic-C-Right

Copyright A. Michalek, MD - IMAIOS

IMAIOS

HTML5 VERSION

JPEG DICOM

**History**

Major criteria:

Regional RV akinesia or dyskinesia or dyssynchronous RV contraction

And 1 of the following:

- Ratio of RV end-diastolic volume to BSA  $\geq 110$  mL/m<sup>2</sup> (male) or  $\geq 100$  mL/m<sup>2</sup> (female)
- or RV ejection fraction  $\leq 40\%$

Minor criteria:

Regional RV akinesia or dyskinesia or dyssynchronous RV contraction

And 1 of the following:

- Ratio of RV end-diastolic volume to BSA  $\geq 100$  mL/m<sup>2</sup> to  $< 110$  mL/m<sup>2</sup> (male) or  $\geq 90$  mL/m<sup>2</sup> to  $< 100$  mL/m<sup>2</sup> (female)
- or RV ejection fraction  $> 40\%$  to  $\leq 45\%$

References :

Diagnosis of arrhythmogenic right ventricular cardiomyopathy/dysplasia: proposed modification of the task

- Display annotations
- View full image
- Undo

- Scroll the image when moving the mouse vertically
- Adjust brightness of the image when moving the mouse vertically, adjust contrast when moving horizontally
- Zoom in and out while moving the mouse vertically
- Drag the image
- Draw and measure pixels/mm by moving the mouse



### 3. How to use Vet-Anatomy

HOME / VET-ANATOMY / DOG - OSTEOLOGY

#### ANATOMICAL PARTS

- Abdomen
- Abdominal cavity
- Accessory carpal bone
- Acetabular fossa
- Acetabular margin
- Acetabular notch
- Acetabulum
- Acromion
- Additional terms
- Ala of ilium; Wing of ilium
- Ala; Wing of sacrum
- Alar canal
- Alar notch
- Alar spine
- Alimentar canal
- Alveolar arch
- Alveolar border
- Anconeal process
- Angiology
- Angle of costal arch
- Angle of mandible

Image Title and Description Data

## Atlas of anatomy on x-ray images of the dog

Antoine Micheau, MD, Denis HOA, MD, Susanne AEB Boroffka, PhD - dipl. ECVDI

> Authors affiliations

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<https://doi.org/10.37019/vet-anatomy/402856> ISSN 2534-5087

Author, Date, Section

This module of vet-Anatomy is a basic atlas of normal imaging anatomy of the dog on radiographs. 51 sampled x-ray images of healthy dogs performed by Susanne AEB Boroffka (PhD - dipl. ECVDI, Utrecht, Netherland) were categorized topographically into seven chapters (head, vertebral column, thoracic limb, pelvic limb, larynx/pharynx, thorax and abdomen/pelvis).

648 differentiated anatomical terms were labelled by Antoine Micheau (MD, Montpellier, France), using different colors to improve the survey and the identification of searched structures on each radiograph.

Terms were labelled using the Latin terms defined in the Nomina Anatomica, translated into English and French by Antoine Micheau - MD, Imaios

Anatomical part of the image. Click to navigate to detailed information.







## 4. How to use Vet-Anatomy App

For IP subscription, accessing the IMAIOS vet-Anatomy app on mobile devices (Android and iOS) through your institution's connected Wi-Fi network can be done as follows:

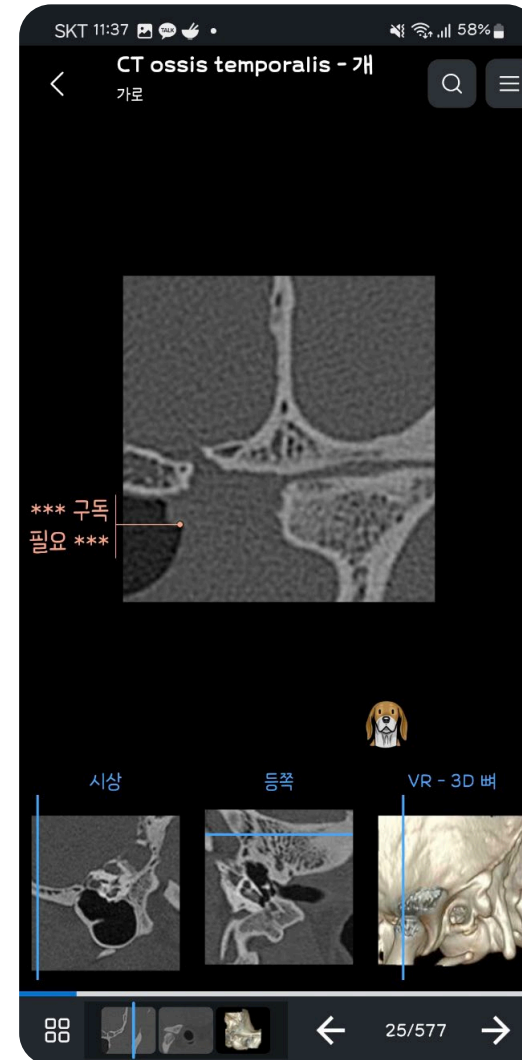
If you don't have an account, create a free IMAIOS account on our website or mobile app to obtain a username and password.

Download and install the free IMAIOS vet-Anatomy app on your mobile device from iTunes or Google Play.

Connect your mobile device to your institution's Wi-Fi network (with an active IP address).

Launch the app and log in using your IMAIOS username and password.

All content and features will be activated for 2 weeks (this two-week period resets each time you use the app while connected to your institution's Wi-Fi network).



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