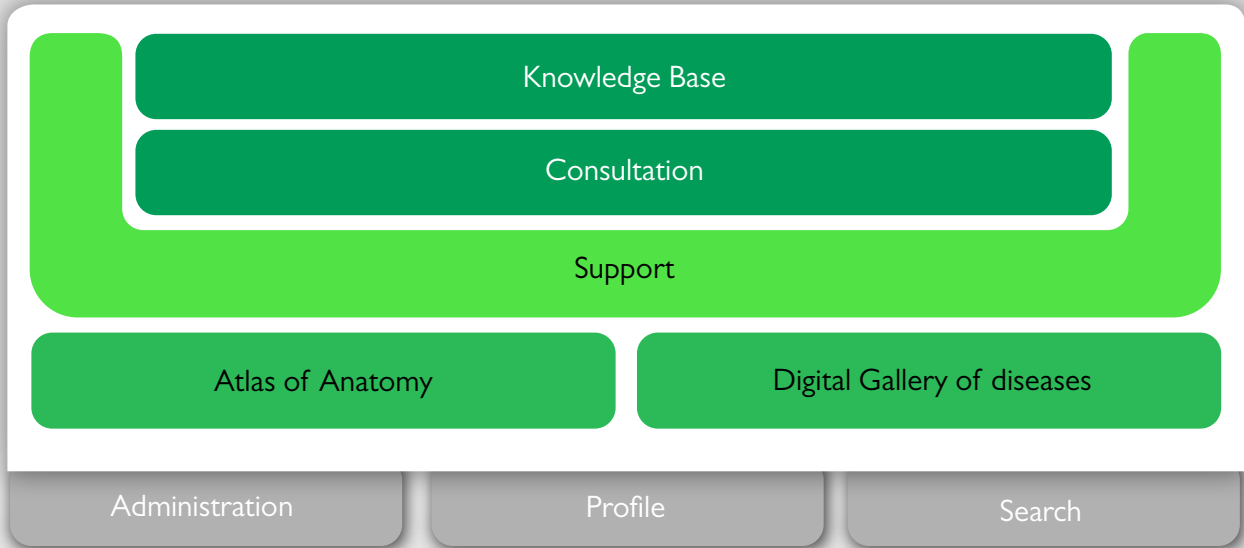




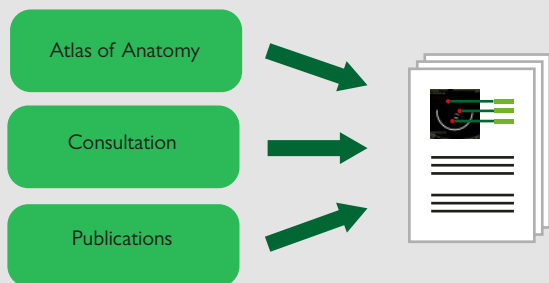
The online veterinary library

VETFUSION is a new online veterinary application, which can effectively support diagnostic and treatment works of veterinary professionals. The software is a useful tool for veterinarians and medical students to build their knowledge of diagnostic imaging used in medical and veterinary practices. Unlimited number of users can access and use the software at the same time online.

VETFUSION is a diagnostic knowledge management system which contains not only a vast and structured digital image library but also professional content. The captions attached to the images are in Latin, the universal medical language, while other explanation is available in English or Hungarian.



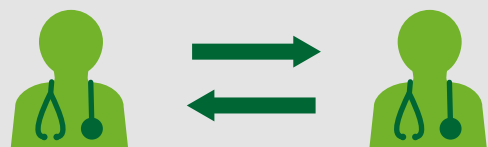
KNOWLEDGE BASE



The Knowledge Base function contains a detailed description and comprehensive comparison of various diagnostic imaging modalities used in the veterinary sector. It also contains a wide range of publications as well as a database of various individual cases which can illustrate a wide range of problems offering possible solutions. These cases often contain cross-references to the other parts of VETFUSION database (Consultation, Atlas of Anatomy, Publications) or links to external sources.

CONSULTATION

The subscriber of VETFUSION can access knowledgeable and recognised professionals by using the „Consultation” function of the application. These qualified veterinary professionals offer second opinion, advice or treatment recommendations.



ATLAS OF ANATOMY

The digital image gallery (taken by using all digital imaging technologies including X-Ray, MR, CT, Scintigraphy, Ultrasound, PET-CT) contains over 700 (series and individual) high resolution pictures about all important organs of healthy animals (Atlas of Anatomy) with captions. The database currently contains a complete dataset and images about dogs and cats. Images about other species can be easily added.

DIGITAL GALLERY OF DISEASES

This folder contains wide range of images about animal organs with common or rare diseases. Images appear on screen in small or large size, with or without the explanatory captions.

FAST AND ADVANCED SEARCH

The user can search through the image database by using several criteria. The web-based technology makes filtering user-friendly and fast.

FILTER PANEL

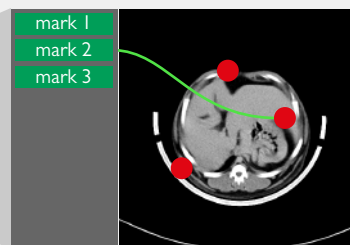
- MODALITY (X-Ray, CT, Scintigraphy, Ultrasound, MRI, Myelography, SPECT, Nuclear medicine, Anatomical slices, SPECT/CT, PET/CT)
- ORGAN SYSTEM
- SPECIES
- DISEASES
- ANATOMICAL STRUCTURE

DATABASE / IMAGE GALLERY

Thumbnail view



Full view



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FUSION
Atlas of anatomy
Digital gallery of diseases
Education
Consultation
Knowledge base
Administration

Atlas of anatomy
?

▲ Filter conditions

Modality <input type="checkbox"/> Anatomical slices <input checked="" type="checkbox"/> CT <input type="checkbox"/> MRI <input type="checkbox"/> Myelography <input type="checkbox"/> Nuclear medicine <input type="checkbox"/> PET/CT <input type="checkbox"/> SPECT <input type="checkbox"/> SPECT/CT <input type="checkbox"/> Ultrasound <input type="checkbox"/> X-Ray Window level <input type="text" value="[Choose..."/>	Body part <input type="text" value="[Choose..."/> <div style="border: 1px solid black; padding: 2px;"> <input type="text" value="[Choose..."/> Abdomen Back Cervical spine Forelimbs Head Neck Skull </div>	Species <input type="text" value="[Choose..."/> Breed <input type="text" value="[Choose..."/>
	Organ system <input type="text" value="[Choose..."/>	Anatomical structure <input type="text"/>

Filter

Search result
 CT,
 Results: 1 - 10, Total: 11 results, 2 pages - [First](#) | [Previous](#) | [1](#) [2](#) | [Next](#) | [Last](#)

Dog thoracal CT images	<ul style="list-style-type: none"> Modality: CT Breed: Beagle Organ system: Myology Anatomical structure: M. triceps brachii Body part: 	
Dog thoracal CT images	<ul style="list-style-type: none"> Modality: CT Breed: Beagle Organ system: Angiology Anatomical structure: V. brachiocephalica Body part: 	
Dog thoracal CT images	<ul style="list-style-type: none"> Modality: CT Breed: Beagle Organ system: Angiology Anatomical structure: A. carotis communis Body part: 	
Dog abdominal CT images	<ul style="list-style-type: none"> Modality: CT Breed: Beagle Organ system: Splanchnology/Digestive system Anatomical structure: Intestinum tenue Body part: 	
Dog thoracal CT (lung window)	<ul style="list-style-type: none"> Modality: CT Breed: Beagle Organ system: Splanchnology/Respiratory system Anatomical structure: Lobus cranialis [pulm. dext.] Body part: 	

Results: 1 - 10, Total: 11 results, 2 pages - [First](#) | [Previous](#) | [1](#) [2](#) | [Next](#) | [Last](#)

VETFUSION - The online veterinary library

3.

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FUSION
Atlas of anatomy
Digital gallery of diseases
Education
Consultation
Knowledge base
Administration

Administration » Image gallery » Details
?

Search

- M. longissimus lumborum
- Processus spinosus L1
- M. iliocostalis thoracis
- Medulla spinalis
- Vertebra lumbalis I
- Costa XIII
- M. psoas minor
- Aorta thoracica
- Lien
- V. cava caudalis
- Intestinum tenue
- Lobus caudatus hepatis
- V. portae
- Jejunum
- V. pancreaticoduodenalis caudalis
- M. obliquus externus abdominis
- Lobus pancreatis dexter
- Fundus ventriculi

Lobus pancreatis dexter

Splanchnology/Digestive system

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Name	Dog abdominal CT images
Comment	Dog abdominal CT images
Modality	CT
Position	DV
Slice thickness	5
kV	120
mAs	90
Table step	10
Window level	Soft window
Applied pharmakon	none
Healthy	Yes
Species	Dog+
Breed	Beagle
Gender	Male
Body part	

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FUSION
Atlas of anatomy
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Education
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Knowledge base
Administration

Digital gallery of diseases ?

Filter conditions

<p>Modality</p> <p><input type="checkbox"/> Anatomical slices</p> <p><input type="checkbox"/> CT</p> <p><input checked="" type="checkbox"/> MRI</p> <p><input type="checkbox"/> Myelography</p> <p><input type="checkbox"/> Nuclear medicine</p> <p><input type="checkbox"/> PET/CT</p> <p><input type="checkbox"/> SPECT</p> <p><input type="checkbox"/> SPECT/CT</p> <p><input type="checkbox"/> Ultrasound</p> <p><input type="checkbox"/> X-Ray</p> <p>Type of sequence</p> <p>[Choose...]</p>	<p>Body part</p> <p>[Choose...]</p> <ul style="list-style-type: none"> [Choose...] Abdomen Back Cervical spine Forelimbs Head Neck Skull 	<p>Species</p> <p>[Choose...]</p> <p>Breed</p> <p>[Choose...]</p>	<p>Main disease group</p> <p>[Choose...]</p> <p>Disease group</p> <p>[Choose...]</p>
<p>Organ system</p> <p>[Choose...]</p>		<p>Anatomical structure</p> <p>[Choose...]</p>	

Filter

Search result
MRI

Results: 1 - 10, Total: 21 results, 3 pages - [First](#) | [Previous](#) | [1](#) [2](#) [3](#) | [Next](#) | [Last](#)

<p>Spleen hemangiosarcoma metastasis in thoracal vertebrae</p>	<ul style="list-style-type: none"> • Modality: MRI • Breed: Rottweiler • Organ system: • Anatomical structure: • Main disease group: Tumorous diseases • Disease group: • Body part: 	
<p>Cerebellar tumor and syringohydromyelia in the cervical spine</p>	<ul style="list-style-type: none"> • Modality: MRI • Breed: mixed breed • Organ system: • Anatomical structure: • Main disease group: Tumorous diseases • Disease group: Brain tumour • Body part: 	
<p>Cerebellar tumor and syringohydromyelia in the cervical spine</p>	<ul style="list-style-type: none"> • Modality: MRI • Breed: mixed breed • Organ system: • Anatomical structure: • Main disease group: Tumorous diseases • Disease group: Brain tumour • Body part: 	
<p>Cerebellar tumor and syringohydromyelia in the cervical spine</p>	<ul style="list-style-type: none"> • Modality: MRI • Breed: mixed breed • Organ system: • Anatomical structure: • Main disease group: Tumorous diseases • Disease group: Brain tumour • Body part: 	
<p>Fibrosarcoma</p>	<ul style="list-style-type: none"> • Modality: MRI • Breed: Dachshund • Organ system: • Anatomical structure: • Main disease group: Tumorous diseases • Disease group: Fibrosarcoma • Body part: 	

Results: 1 - 10, Total: 21 results, 3 pages - [First](#) | [Previous](#) | [1](#) [2](#) [3](#) | [Next](#) | [Last](#)

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Atlas of anatomy
Digital gallery of diseases
Education
Consultation
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Administration

Administration » Image gallery » Details
?

Search

Ventriculus lateralis

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Name	Dog head MR
Comment	Enlarged ventricles
Modality	MRI
Slice thickness	5
Type of sequence	T2
Plane	transversalis
Aquisition time	3
FoV	250
Applied pharmakon	none
Healthy	No
Main disease group	Other
Species	Dog+
Breed	French Bulldog
Gender	Male
Body part	