



USING ZIMS AS A VET ADVISOR

How to view medical records that are shared with you by ZIMS institutions.

Contact support@Species360.org

Topics Covered <u>Getting Started</u> <u>Notes on External Sharing</u> <u>Recruiting Members to Share</u> <u>Searching for Records</u> <u>Using the Global Medical Resources</u>

Getting Started

After you have been approved to be a vet advisor by the regional associations (eg. AZA, EAZA, ZAA, etc) and you have signed any confidentiality or data-sharing agreements required by the regional association, Species360 will set you up with an institution and a ZIMS Username and Password. Before you can log in to ZIMS you must first confirm your Email address. You will receive an Email notice to walk you through this simple process.

Once you have confirmed your Email, open ZIMS at <u>https://zims.species360.org</u>. Enter your Username and Password as given to you. If you did not receive a Password, use the link to reset your Password on the login screen.

If you already have a Species360 ZIMS Account, you will have the ability to use this account to switch between the Vet Advisor access and your local institution (under the Start Menu > Switch Institutions option).







Account Settings Change Password Default Institution Change E-Mail | Change Username | Change

For security reasons, we recommend that you reset your Password if you did not do so the first time you logged in. You can reset it the next time you log in or go to Start > My Preferences. Under Account Settings, select Change Password. Type in your Current Password as provided and then type your desired Password. You can also change your Username here if you want.



You should then confirm that you have access to ZIMS for Medical. Go to Start > Medical > Medical Records. To save time later, you can left-click and drag Medical Records to your desktop for quick and easy one-click access. The ZIMS Role you have been assigned is a Read Only Role. You will be able to search and view data, but you will not be able to add, edit or delete any data.

The medical dashboard will be empty because this filter is currently set for local records only and you are not creating new records, only viewing shared records. You will need to use the <u>search features</u> to view shared records.





😝 Medical Records					Help Menu 🗸 🗖 🖻	- X-
😁 New 🗸 📘 Edit 🛛 🗮 Delete 🛛 🖽 Manage	Animal Lists 🗸 🛛 🍣 Reload medical lis	t 🚦 Export medical list 🛛 🥥 Medical	I Reports 🗸 Medical Apps 🗸 🗍 S	ample Storage	(i) N	ly Calendar
Dashboard 😲	Animal	Date	Details	Responsible Staff	😂 Basic Info	
Select animal to see detail		No recor	d found.			
🜔 Dashboard			* /			
Clinical Notes						
Diagnoses & Procedures						
Prescriptions/Treatments						
C Samples						
😍 Tests & Results						
🥖 Anesthesia						
Physiological Measurements						
Mecropsy/Biopsy						

Back to Topics Covered

Notes on External Sharing

When your institution was created, Species360 turned on the ability to externally share medical records. Although you will not have any medical records of your own, both institutions (the one sharing and the one being shared with) must have this functionality turned on for it to work. Medical records have four levels of sharing:

- Gold: All medical records, except those Notes marked as private, are shared
- Silver: Anesthesia, Physiological Measurements, Medical Issues/Diagnosis, Treatment, Health Status, and Pathology (Necropsy/Biopsy) records are shared
- Bronze: Anesthesia, Physiological Measurements, and Pathology (Necropsy/Biopsy) records are shared
- No Sharing: No records are shared.

Because of these sharing levels, what you see in one institution's records may be more or less than what you see in another institution's records because the records are shared at the lowest common sharing level between the two institutions. Your institution has



sharing assigned at the Gold level, but if the institution sharing with you is only sharing at the Bronze level, those are the only medical records you will be able to see.

For full details on External Sharing see Global Data and External Sharing.

Back to Topics Covered

Recruiting Members to Share

You will need to recruit Species360 members to share data with your Vet Advisor population advisory group (the institution created specifically for you and your species). You will need to find what institutions hold the species of interest. There are two ways to do this.

One way is to search **Species Holding**. This resource displays animals currently held by the region. Species Holding is found under Start > Global Resources > Animal Management/Husbandry > Species Holding and also as a desktop icon.

👸 Species Holding	
Taxonomy Macropus/Wallaby/kangaroo/wallaroo x ✓ Show subtaxa separately	Global Continent Country Association My Institution Association *: JAZA (Japanese Association of Zoos a V 3
if	Run report

- 1. Enter your desired Taxonomy. If Show Subtaxa Separately is checked, you must run the report at the Genus level or below. If it is not checked, you can run at a higher Taxonomic level.
- 2. Select the scope filter desired.
- 3. What is selected for scope drives this field. We checked Association so the dropdown list is zoological associations. If we checked Continent the drop-down list would be Continents. These are single-select lists.

The report with Show Subtaxa separately unchecked (allowed to run at a higher taxonomic level):



»	Si 🖥									
			Species he Associati	olding rep on: Japan	ort for: Macropodidae / ese Association of Zoos	Wallabies & and Aquariun	kangaroos ns (JAZA)			
	All 6 Institutions, 1 Regions	65	95	11	0	0	0	0	171	
	Family: Macropodidae / Wallabies & kangaroos									
	All 6 Institutions, 1 Regions	65	95	11	0	0	0	0	171	
	Institution	Male	Female	Other	Birth (last 12 months)	Group M.	Grou	p F.	Group O.	Total
	∃ Region: Asia 6 Institutions, Male:	65, Femal	e: 95, Other	: 11						
	CHIBA SHI / Chiba Zoological Park	<u>4</u>	<u>8</u>	2	0	0	0		0	14
	HIGASHI M / Saitama Children's Zoo	<u>15</u>	<u>32</u>	0	0	0	0		0	47
	SAPPORO / Sapporo Maruyama Zoo	2	<u>3</u>	0	0	0	0		0	5
	TOKYOTAMA / Tama Zoological Park	27	<u>30</u>	<u>5</u>	0	0	0		0	62
	TOKYOUENO / Ueno Zoological Ga	2	<u>4</u>	2	0	0	0		0	8
	ZOORASIA / Yokohama Zool. Garde	<u>15</u>	<u>18</u>	2	0	0	0		0	35

The report with Show Subtaxa separately checked (must run at Genus level or below):

E 7										
Species holding report for: Macropus / Wallaby/kangaroo/wallaroo Association: Japanese Association of Zoos and Aquariums (JAZA)										
All 6 Institutions, 1 Regions	59	87	11	0	0	0	0	157		
		Specie	s: Macrop	us giganteus / Eastern	grey kangaro	0				0
All 3 Institutions, 1 Regions	8	15	4	0	0	0	0	27		
Institution	Male	Female	Other	Birth (last 12 months)	Group M.	0	Group F.	Group O.	Total	
☐ Region: Asia 3 Institutions, Male: 8, Female: 15, Other: 4										
CHIBA SHI / Chiba Zoological Park	<u>4</u>	<u>8</u>	2	0	0		0	0	14	
SAPPORO / Sapporo Maruyama Zoo	2	<u>3</u>	0	0	0		0	0	5	
TOKYOUENO / Ueno Zoological Ga	2	<u>4</u>	2	0	0		0	0	8	
	Sul	ospecies: Ma	acropus gi	ganteus giganteus / N	orthern grey l	angar	00			
All 1 Institutions, 1 Regions	11	18	0	0	0	0	0	29		
Institution	Male	Female	Other	Birth (last 12 months)	Group M.	0	Group F.	Group O.	Total	
□ Region: Asia 1 Institution, Male: 11, Female: 18, Other: 0										
HIGASHI M / Saitama Children's Zoo	<u>11</u>	<u>18</u>	0	0	0		0	0	29	
			nacios: M		wallaby					6
		3	pecies, ra	acropus parina / Parina	awanaby					

The Institution is a hyperlink into the Institution record which will hopefully provide you with contact details. The numbers under the sexes will open a results grid where you can go directly into the animal record.

The second way is to use the **studbook**. If you have been granted a role to view the studbook by your regional association, you will be able to look up the living and historical animals, quickly see any deaths reported, view pedigree reports, and run institution holdings reports viewing the institutions that have held the species over the years. This information will assist you in reaching out and requesting an institution's veterinary records be shared with your Vet Advisor institution. If you do not have access to view the studbook, please reach out to your studbook keeper and regional association to request a



studbook role for your program. The advantage of using the studbook is that Species Holdings displays only current holdings. If an institution held the species ten years ago but no longer does, it will not be found using Species Holdings.

With your initial contact from Species360, you should have received a sample letter inviting ZIMS member institutions to share medical records with you. If you do not have it, contact <u>Support@Species360.org</u> and we will send you a copy. Please contact the regional association's committee for other questions on the vet advisor program.

If your recruited institution does not know how to share a record, you can give them this quick step-by-step instruction (number 5 in <u>Global Data and External Sharing</u> if they want more information).

- A single animal or an entire taxonomy can be shared from My Institution > External Sharing > Actions > Add New.
 - Select the institution that they want to share the record with. Select Taxonomy or single Animal Record. Below we are sharing all Canada lynx records with the Canada Lynx SSP Vet Advisors. Sharing by an entire taxonomy is recommended for the least amount of upkeep to continue sharing all new acquisitions and births.

Add New	×
Institution *	
	1
Taxonomy 3 O Animal	
Lynx canadensis/Canada lynx 🗙 🔎	
	1
Next 🚫 Ca	ncel

• A single animal can be shared from within the animal record Details tab > External Sharing > Add New. A taxonomy cannot be shared from within the animal record.







• From both approaches they then select what records they want to share – Husbandry, Medical, or both (recommended). Only their Local Admin can share Husbandry records and only their Medical Admin can share medical records unless they have created custom Roles with this access.



The sharing will appear in the External Sharing grid for the animal record and My Institution. Only the medical records for the sharing institution will be visible to you. If the animal has been at more than one institution, they will have to share with you to see their medical records.

External Sharing				Actions -		
Institution	Animal	Taxonomy	Record Type	Created Date		
LYNXSSPVA - Lynx/Lynx Medical Aug 17, 2020 Prev Page 1 of 1 Next Page Size 20 Change						

Back to Topics Covered

Searching for Shared Records

Once institutions begin sharing their records, you will need to find them. There are three search options.

One way is to use the **medical search bars** on the lower left part of the ZIMS for the Medical Dashboard





- Select the desired module. Below we selected Prescriptions/Treatments
- 2. Select the Advanced Search option found directly below the Simple Search filters.
- Click the radio button for Shared records and complete any other filters you want for the search. Then click Search.
- 4. View the shared records in your list.



Viewing Records

Animal	(74 Records)	Date	De	tails			Responsible Staff	2	Basic Info		
∃ Mar 19, 2018									^ G	AN Identifiers		
• 0	/ Masai giraffe / :		Mar 19, 2018	Er	ncelle (500 IU	ml Liquid > Solutio) (Tocopher	_	0	urrent Enclosure	~	0
No.									S	ex	Female	2
• 0	Masai giraffe / F		Mar 02, 2018	Te	tanus toxoid 1	mi once for 1 dose	s Injection, i		s	ientific Name	Giraffa cameloparda	lis
a finh ar									0	ommon Name	Masai giraffe	
reb z:	Theorem minutes (1)		Eab 25 2018	5.		initia de Palate	Treesher		B	arth	Jan 07, 2006	
• 63	/ masai grane / .		Peo 20, 2010	D	ncelle (300 lo	mi Liquio y Solutio	i) (Tocopiner		A	je .	14Y 9M 0D	
Feb 04		_							A	rrival		
• 📀	/ Masai giraffe / :		Feb 04, 2018	Er	ncelle (500 IU	Iml Liquid > Solutio) (Tocopher		н	older 2		
Feb 01									L.	st Weight	~	
• 0	/Masai giraffe / F		Feb 01, 2018	BC	SE (Liquid)	MERCK AH) 4 ml (nce for 1 do	_	â	Id New Weight		
	Masai giraffe / F		Feb 01, 2018	Te	tanus toxoid 1	mi once for 1 dose	s Injection, i		0	ollection	~	
• 0	'Masai giraffe / F		Feb 01, 2018	Du	al Pen (30000	00 IU/ml Liquid) (Be	nzathine Be		н	calth Status	Normal (Aug 2014)	13,
3 Jan 21									B	ody Condition	Undetermine	d
• 0	/ Masai giraffe / :		Jan 21, 2018	Er	ncelle (500 IU	Iml Liquid > Solutio) (Tocopher			tive Problems		
How 2									No	Active Problems Fo	und	
0	Masai niraffe / h		Nev 24 2017	Fr	ncelle (500 III)	m Linuid > Solutio	(Toconher		A	tive Prescriptions	/Treatment	5
• •						in equal - course	d (rear protection		No	Active Prescription	s/Treatments	Found
Nov 1				_					Ac	tive Enclosure Pr	escriptions	and a
• Ø	'Masai giraffe / F		Nov 14, 2017	Er	ncelle (500 IU	Iml Liquid > Solutio	n) (Tocopher		140	Active cilciosore Pi	escription rol	2110
3 Nov 0									Ca	lendar Tasks	💠 Ada	New Tas
• 0	Masai giraffe / F	1	Nov 09, 2017	Er	ncelle (500 IU	Iml Liquid > Solutio) (Tocopher					
Nov 0:												
• 0	Masai giraffe / H		Nov 02, 2017	Er	ncelle (500 IU	ml Liquid > Solutio) (Tocopher					
R Nov 01, 2017									-			
Export to PDF	Edt K Delete	Te sinate	🛃 Clone 😅	Print St	aff Instruction	•	4	🗆 Maximi				
GAN	Preferred ID	konor	ıγ		Sex	Birth Date	Age (at th	e start date)	^			
G	2	Giraffa ca	melopardalis		Female	Jan 07, 2006	12Y 0M 28	D				
Basic Info				Weigh	t Info							
Date Written	Feb 03, 2018		3	Date			Feb 03, 2018					
Start Date	Feb 04, 2018		-	Meas	urement Val	lue	877 kg					
Prescribed By				Estin	sate		Yes					
Prescribed For	1 animal			Exclu	de From Rei	ference Intervals	Yes					
Reason For Tre	atment Preventative He	ealth				100 210 10 10 10 10 10 10 10 10 10 10 10 10 1	0.0000					
Trantment Datal		199312		-								
Treatment Iter	n/Drug	Emcelle (500 IU	/ml Liquid > Sol	ution) (T	ocopherol)							

1. The main Dashboard displays the records found that match the filters you entered in your search.

2. The right-hand side Basic Info gives some information about the animal. Much of this information is sourced from the Husbandry record.

- 3. The highlighted record details in the dashboard are displayed at the bottom.
- 4. To view the entire record, select the Maximize button.

To find records for a specific animal, you can use the lookup option in the <u>Select Animal to</u> <u>See Detail</u> field in the left-hand medical dashboard.





- 1. Use the magnifying glass to open the search filter screen.
- 2. Remember to select the Global radio button.
- If filtering by the Preferred ID (usually the Local ID or House Name) you should associate it with an Institution to get the specific animal you want. Using the GAN (Global Accession Number) will return a single result without being associated with an Institution.

Dashboard 2	Animal	Date	Details		Responsible Sta
Select animal to see detail		No reco	rd foun	ıd.	
Prescriptions/Treatments Samples Gamples Accellensia Accellensia Prescriptionsy	Search for Animal			2	×
OPhysiological measurements Olagnostic imaging	Preferred ID GAN			Global Hy Local An All Animals	imals
	Institution	Filter By Institution	P	🔾 Current Animais 👳	
	Birth Date Range	From Date 🖸 To Date	3		
	Include Taxon Below Animal Type	Please Select	~		
	Animal Global Status	Please Select	~		
	Sex Type	Please Select	~		-
					Q Search S Reset
	Animal ID Preferred ID	Animal Type Scientific Na	Common Na	. Sex Date of Bi	rth Current Encl
() Dashboard					
Clinical Notes	H A Page 1 of 1	🕨 🕅 🥭 Page Size 🛛 20	Change 🛐	2	No data to display
Diagnoses & Procedures					Select 🚫 Cancel

This will open the Husbandry record. Select the Medical Records tab to view the medical records.

GA	N: HSV16-000	104/Girana camelopardalis tippelskirchi 🗶 🦻 🖓 Filter by Institution					
»	Statistics	HSV16-00004/Giraffa camelopardalis tippelskirchi 🛞					
	Details	More Details Note & Observation Major Life Event My Transactions					
	🧈 🎝 🔄 Expand all 😑 Collapse all 🕥 Actions 🗸 🌍 Medical Records						
	Basic Inf	o E					

The left-hand dashboard is now activated and allows you to limit what medical records are displayed in the main dashboard. Below we have opted to display only Prescriptions/Treatments and Samples.

Dashboard 🐉	Ania	mal (26	Records) Date	Details	Responsible Staff
Select animal to see detail	Nov 24, 20	17			
Records T		/ Masai giraffe	Nov 24, 2017	Emcelle (500 IU/ml Liquid > Solution) (Tocopher	
🖌 🔓 LV0489 / Masai giraff	Nov 2				
Clinical notes	()	/ Masai giraffe	Nov 21, 2017	00:00 / Whole Blood / JUGULAR / EDTA	_
Prescriptions/Treatments (7)	(1)	/ Masai giraffe	Nov 21, 2017	00:00 / Serum / JUGULAR /	
Samples (19)	B Nov 1				
OC lesis & Hesuits	• Ø	/ Masai giraffe	Nov 14, 2017	Emcelle (500 IU/ml Liquid > Solution) (Tocopher	_
Necropsy/Biopsy	B Nov 0				
DD Physiological measurements	• 0	/ Masai giraffe	Nov 09, 2017	Emcelle (500 IU/ml Liquid > Solution) (Tocopher	_
O Diagnostic imaging	B Nov 0				
	()	/ Masai giraffe	Nov 07, 2017	00:00 / Serum / JUGULAR /	_
	B Nov 0				
	• 0	/ Masai giraffe	Nov 02, 2017	Emcelle (500 IU/ml Liquid > Solution) (Tocopher	_
	I Nov 0				
	• 0	/ Masai giraffe	Nov 01, 2017	Emcelle (500 IU/ml Liquid > Solution) (Tocopher	
	(3 Oct 2)				
	• 0	/ Masai giraffe	Oct 26, 2017	Bar-Vac CD/T (Liquid) (Clostridium perfringens t	_
	• 0	/ Masai giraffe	Oct 26, 2017	Imrab 3 TF (Liquid > Solution) (Rabies virus vac	
	3 Oct 20				
	()	/ Masai giraffe	Oct 20, 2017	00:00 / Serum / JUGULAR /	_
	(1)	/ Masai giraffe	Oct 20, 2017	00:00 / Whole Blood / JUGULAR / EDTA	
	(0)	/ Masai giraffe	Oct 20, 2017	00:00 / Plasma / JUGULAR / Heparin, Lithium	
		/ Masai giraffe	Oct 20, 2017	00:00 / Whole Blood / JUGULAR / Heparin, Lithi	



The third way to search also allows you to find a specific animal record from the **<u>Husbandry</u>** module. Open the Animals module (Start > Animals > Search or select the desktop icon).

 In the upper left-hand corner, you can Search Animals by Identifier (Local ID, tag, band, transponder for example) or GAN (Global Accession Number) and Institution. Selecting Institution helps to narrow the search if an Identifier other than the GAN is entered, but it is not required. The Institution should be entered before entering the Identifier.

← → C							
😴 Animals							
Search Animals By Identifier/GAN							
	Statistics						
Animal Simple Search Favourite Search Filte	Animal Statistics \Im						

Below we are searching for an animal at the Greenville Zoo with a Local ID of M16004.

😂 Animals	
M16004]	♀ GREENVISC ×
GAN: HSV16-00004 Giraffa camelopardalis tippelskirchi / Masai giraffe House Name: Tatu/GREENVISC Local ID: M16004 /GREENVISC Transponder: 838*538*110/GREENVISC	3
Local ID: LV0489/LVZOO Global Local Local Last 30 days (0)	ctions - By My Institution (0) Pendin - Last 30

2. Any matches found will display. Select the desired match to open the Husbandry record. Select the Medical Records tab.

GAI	1: HSV16-00004	4/Giraπa cameiopardalis tippeiskirchi χ	1 := 10
≫	Statistics H5V16-00004/Giraffa camelopardalis tippelskirchi 🖲		
	Details	More Details Note & Observation Major Life Event My Transactions	
	2 🛛 🗄	Expand all 🗉 Collapse all 🜔 Actions 🗸 🛛 🌍 Medical Records	
	Basic Info		
	4 📣 🕅		

Medical Reports and Medical Exports are currently restricted to only local data and will not display shared data. So, you will only be able to view shared records via the search at this time.





Back to Topics Covered

Using the Global Medical Resources

You may also consider reviewing the Global Medical Resources for your program species. These resources are derived from over forty years of medical data contributed by our member institutions. Go to Start > Global Resources > Medical Resources

- Anesthesia summaries
 - A species-level summary of the injectable drug combinations and dosages used to anesthetize animals.
- Drug Usage Extracts
 - A summary of drug and vaccine usage information
- Test Results
 - Search by Test to see ALL the results for a test by species, this is useful for less commonly run tests where there is not a lot of data to compare. This can include results from animals with abnormal health status.
 - Search by Expected Test Results to view the reference calculations from animals with normal health status.

Morbidity and Mortality Analysis

- Most common clinical issues- Clinical diagnosis entered by the veterinary team.
- Relevant Death Information- a broad grouping of data entered as part of the death event or when finalizing a necropsy. This is a shared data field between husbandry and medical users.
- Search by Diagnosis- currently will only show local data, so it will be blank for Vet Advisor institutions. This will be upgraded to a global scope by early 2021 so you may then view all the diagnoses recorded for your program species.

For a PowerPoint with more details on using the Global Medical Resources see <u>Global</u> <u>Medical Resources</u>.

Back to Topics Covered

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