

Global information serving conservation.



ZIMS Medical Dashboard

The "main application" for ZIMS Medical Contact Species360 Support

Topics

Navigating the Medical Dashboard Adding a New Medical Record Exporting the Medical Dashboard

Navigating the Medical Dashboard

When you open the Medical Records module, the Medical Dashboard will display. The most recent entries will display in the middle. The left-hand side indicates how many of each type of record are included. Note how the icons allow you to easily spot different record types. You can easily find the Samples records by looking for the yellow Samples beaker icon. You can easily find the Tests & Results records by looking for the blue microscope icon.

🚯 Medical Records								
😷 New 🗸 🔪 Edit 🗶 Delete 🧮 Ma	anage An	imal List	s 🔹 😂 Reloa	d medical list 彈 Export	t medical li	ist 🥝 Medical R	eports - Medical Apps -	
Dashboard 😲			Animal	(324 Re	cords)	Date	Details	
Select animal to see detail	2	3 Mar 0	1, 2017					
A Records	7	• 💽	M12009 / Oce	elot / MIG12-29919673		Mar 01, 2017	OMEGA 3 434 mg once a day (sid) for	30
Clinical notes (80)	_		M12009 / Oc	elot / MIG12-29919673		Mar 01, 2017	00:00 / Feces / /	
Diagnoses & Procedures (3)	-	4	M12009 / Oce	elot / MIG12-29919673		Mar 01, 2017	Feces / GREENVISC / Parasitology(2/2	2)
✓ () Samples (70)		B	XGA021 / Nig	erian dwarf goat / 209555	70	Mar 01, 2017	General: Keepers (WB and KD) note	
Tests & Results (64)	6	Feb 2	8, 2017					
Anesthesia (12)		()	B12009 / Toc	o toucan / JQQ12-01470		Feb 28, 2017	00:00 / Feces / /	
Physiological measurements (5)		6	B12009 / Toc	o toucan / JQQ12-01470		Feb 28, 2017	Feces / GREENVISC / Parasitology(2/2	2)
Diagnostic imaging		Ð	B13008 / Silk	ie bantam chicken / HSV13	3-00030	Feb 28, 2017	Examination: Animal was presented f	-
			B13008 / Silk	ie bantam chicken / HSV13	3-00030	Feb 28, 2017	00:00 / Plasma / JUGULAR / Heparin,	Lithi
			B13008 / Silk	ie bantam chicken / HSV13	3-00030	Feb 28, 2017	00:00 / Feces / Cloaca / Transport med	lia
			B13008 / Silk	ie bantam chicken / HSV13	3-00030	Feb 28, 2017	00:00 / Whole Blood / JUGULAR / Hep	arin
		()	B13008 / Silk	ie bantam chicken / HSV13	3-00030	Feb 28, 2017	Whole Blood / ANTECH DIAGNOST / R	-le
		(2	B13008 / Silk	ie bantam chicken / HSV13	3-00030	Feb 28, 2017	Plasma / ANTECH DIAGNOST / Chem	istr
		6	B13008 / Silk	e bantam chicken / HSV13	3-00030	Feb 28, 2017	Feces / ANTECH DIAGNOST / Microbi	olo

The date range default is for the past 7 days but you can change it using the filter and calendar icons to the right of Records. In this example there is no animal in focus.

When an animal record is in focus, the date range defaults to the life of the animal. Using the filter and calendar icons, you can also adjust this to your desired date range. The left side controls the selection of the records you want to view. There are eight active topics you can select from. In the screen below we have checked to view all of the record types.

💡 Medical Records				
😁 New 🗸 📡 Edit 🗶 Delete 🔚 Manage	Animal Lists 🗸 ಿ Reload	medical list 🎝 Export medical	list 🕗 Medical F	Reports • Medical Apps •
Dashboard 🤣	Animal	(31 Records)	Date	Details
Select animal to see detail	M16031 / Amur	leopard / MIG12-28443030	Jan 18, 2018	Examination: Animal is to be to
Records	😑 👩 M16031 / Amur	leopard / MIG12-28443030	Jan 18, 2018	Clavamox 375 (375 mg Solid :
a 🎧 M16031 / Amur leopard 🦙 🗙 🧾	∃ Jan 01, 2018			
Clinical notes (3)	😑 👩 M16031 / Amur	leopard / MIG12-28443030	Jan 01, 2018	Ivermectin 3.7 mg once a mon
Diagnoses & Procedures Sections/Treatments (8)	∃ Jun 29, 2017			
C Samples (8)	(C) M16031 / Amur	leopard / MIG12-28443030	Jun 29, 2017	00:00 / Feces / /
Tests & Results (10)	😆 M16031 / Amur	leopard / MIG12-28443030	Jun 29, 2017	Feces / GREENVISC / Parasit
Anestnesia (1)	∃ Jan 01, 2017			
Physiological measurements (1)	😑 👩 M16031 / Amur	leopard / MIG12-28443030	Jan 01, 2017	Ivermectin 3.7 mg once a mon
Magnostic imaging	∃ Dec 12, 2016			
	😑 👩 M16031 / Amur	leopard / MIG12-28443030	Dec 12, 2016	Ivermectin 3.7 mg once a mon



Below we have checked only Prescriptions/Treatments from the left panel. Only this topic is now displayed with the most recent date at the top.

🈁 New 🗸 🔪 Edit 🗶 Delete 📃 Manage	Animal	Lists	- Reload medical list 🖁 🖁 Export me	dical list 🕗 Medical Re	eports - Medical Apps -
Dashboard 🔇			Animal (8 Record	is) Date	Details
Select animal to see detail	⊡ Ja	in 18,	2018		
Records T	•	R	M16031 / Amur leopard / MIG12-28443030	Jan 18, 2018	Clavamox 375 (375 mg Solid > Tablet) (
🔺 💪 M16031 / Amur leopard 🦙 🗙 📰	🖃 Ja	in 01,	2018		
Clinical notes	•	ß	M16031 / Amur leopard / MIG12-28443030	Jan 01, 2018	Ivermectin 3.7 mg once a month for 12
Prescriptions/Treatments (8)	🖃 Ja	in 01,	2017		
Samples	٠	ß	M16031 / Amur leopard / MIG12-28443030	Jan 01, 2017	Ivermectin 3.7 mg once a month for 12
Tests & Results Anesthesia	B D	ec 12	, 2016		
Necropsy/Biopsy	•	6	M16031 / Amur leopard / MIG12-28443030	Dec 12, 2016	Ivermectin 3.7 mg once a month for 1 d
Physiological measurements	B D	ec 07	, 2016		
C Diagnostic imaging		0	M16031 / Amur leonard / MIG12-28443030	Dec 07 2016	Fel-O-Vax IV (Liquid > Suspension) (Ch



Note that the Prescriptions/ Treatment topic itself can be expanded to further filter your main dashboard display.

You can group the records in the dashboard by the Animal, Date or Responsible Staff columns by selecting the down arrow to the right of the topic and selecting the Group By This Field option.



You can choose to have the medical dashboard display either the common name or the scientific name for all your animals.

🜔 Medical Records						1 Medical Records				
😁 New 🔹 🖹 Edit 🗮 Delete 🗌 🖽 Manage	Animal Lists •	2 Reload medical list	Export medical I	ist OMedical I	Reports + Me	🤭 New 🔹 🖹 Edit 🗱 Delete 🗄 Ma	nage Ar	nimal Lists - 🛛 🖓 Reload medical I	st 🛛 🏆 Export medical	list OMedical Re
Dashboard 2	Ar	nimal	(14 Records)	Date	Details	Dashboard 🐉		Animal	(14 Records)	Date
Select animal to see detail	∃ 19/11/2	021	1			Select animal to see detail	2	∃ 19/11/2021		
A Records	1 11	1111 / Ailurus fulgens / ZRS21	4272	19/11/2021	General	A Records	T III	11111 / Red panda / ZR!	21- 4272	19/11/2021
Clinical notes (8)	12	234 / Equus quagga quagga	ZRS21-14270	19/11/2021	General	Clinical notes (8)		 12345 / Quagga (extinct 17/11/2021 	1872) / ZRS21-14270	19/11/2021
Prescriptions/Treatments Samples (4) Sets & Results	11	1111 / Ailurus fulgens / ZRS21	4272	17/11/2021	General	Samples (4)		11111 / Red panda / ZR: 16/11/2023	21- 4272	17/11/2021
Anesthesia	11	1111 / Ailurus fulgens / ZRS21	4272	16/11/2021	General	Anesthesia		11111 / Red panda / ZR	21- 4272	16/11/2021
Physiological measurements (1)	() 11 () 11	1111 / Ailurus fulgens / ZRS21	Cl4 Records) Date Details Details Animal (14 Records) Date Mgens / 2R521- 9(usged ousgea / Blogd ousgea / Steps / 2R521- 14/gens / 2R5							
C making making	10 m		1		2.01100			a 10/11/2021	_	

You can set this for yourself by going to My Preferences \rightarrow Medical Preferences \rightarrow Dashboard Taxonomy, or your Local Admin can set the preference for the whole institution in Institution Preferences \rightarrow Medical Preferences \rightarrow Dashboard taxonomy.

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.

www.Species360.org – Global Information Serving Conservation



Global information serving conservation.





When a record is selected from the list, the lower center panel becomes a preview pane for the information recorded. To view the entire entry, select the Maximize button.





At the bottom of the Dashboard are the Searches for the various topics. Selecting one (here we selected Diagnosis & Procedures) will open a screen where you can select your desired filters for the topic. Remember to select the Reset button if you are running another search in the same module type to clear any recent filters selected.

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.

www.Species360.org - Global Information Serving Conservation





There are three ways to open the medical records for a specific animal or group. First, type in the GAN, Local ID, or other identifier such as transponder into the search field.

Second, by selecting a record from the main dashboard you can drag and drop it over to the left hand dashboard.

S A	nimals
Sear	ch Animals By Identifier/GAN
≫	Statistics Search Results 🗵 MIG12-28443030/Panthera pardus orientalis 🗵
	Details More Details Note & Observation V Major Life Event My Transactions
	2 🖓 🔁 Expand all 🖹 Collapse all 🕥 Actions - 🌍 Medical Records
	Basic Info
	4 🖉 🛤 🕽
	Individual GAN: MIG12-28443030 / Alive / Male

In addition, you can access the medical records directly from the Husbandry animal record.



When the animal medical record is in focus, the right side displays the Basic Information which shows a quick overview of the animal. The information is as of the current date. The information in the top half of the box (1-6) is sourced from the Husbandry module of ZIMS, and the lower half is sourced from the Medical module.

- Commonly used identifiers (Local ID, House Name etc.) will display first. You can click the 'Identifiers' link to see a full list of identifiers and details, or click the GAN to navigate to the animal record.
- 2. The Current Enclosure is a hyperlink which will take you to the Enclosure record.
- 3. Sex, Taxonomy, Birth Date, Age and Arrival are displayed.
- 4. The Owner and Holder are hyperlinks which will take you to the Institution record. The number in the medallion indicates the number of institutions that have held the animal. Selecting it displays a graph of shared records.
- 5. The Last Weight shows the last weight entered fo this animal. It may be sourced from the Husbandry module or it may have been entered directly into the Medical module. The Unit of Measure will always be the UOM selected in your Preferences, regardless of what UOM was entered for the weight, and converted





if required. You can quickly add a new weight by clicking the Add New Weight hyperlink.

- 6. Collection helps indicate how the animal is managed in ZIMS for Husbandry, whether in the main animal collection, or a local quarantine collection.
- 7. The <u>Health Status</u> shows the most recent Health Status recorded. You can quickly add a new Health Status, or view the full Health Status history for this record by clicking on the hyperlinks or add a new health status by clicking on the + option:



- 8. <u>Body Condition Score</u> shows the most recent Body Condition Score. You can click on the score to see the full history for this record and add a new score.
- 9. Medical Alerts are a special type of <u>clinical note</u> that contain critical information regarding the animal. The Note Types appear when you select Notes/Examinations/Report Entry. These Alerts are different than the Animal Alerts in the Husbandry Calendar as they usually indicate on-going Alerts for the care of the animal. Hover over the left side bubble to see an active link to the full text of the Alert.
- 10. Active Problems are currently unresolved medical issues (see <u>Diagnosis and</u> <u>Procedures</u>) for this animal. Hover over the left side bubble to see more details. Click on the wheel icon to Edit the record, associate it with other records, resolve the problem, or delete the problem.
- 11. Active <u>Treatments/Prescriptions</u> are those that are currently active or on-going for the animal. Use the wheel icon to Edit, Terminate, Close or Delete the treatment.
- 12. Active <u>Enclosure Prescriptions</u> are active prescriptions which have been assigned to the enclosure, for example water treatments for a tank of fish.
- 13. <u>Calendar Tasks</u> allow you to see scheduled calendar events such as medical procedures, sample collection or treatment for this animal/group. This summary of calendar tasks will only show the upcoming 30 days and will be limited to 3 calendar tasks.



Global information serving conservation.



You can keep multiple records open at the same time for ease of comparison. Your open records will display as a list on the left side of the dashboard. You can expand and collapse by using the arrows. Using the right-hand side icons, you can export to pdf, remove the animal from your list of open records, or filter the records by date.



Adding a New Medical Record

There are three ways to add a new medical record. First, if you do not already have an animal record open, from the left-hand Dashboard select New and make your record type selection. It will take you to the appropriate screen to add the medical record and you will select the animal (or Multiple Animals if available) by typing in an identifier or using the lookup feature.

🝘 Medical Records		
😁 New 🗸 陷 Edit 🗱 Delete 🧮 Mar	age Animal Lists 🕶 췮 Relo	🔞 Medical Records
Dashboard 😲	Animal	Add Sample
Select animal to see detail		Details Calendar Tasks
a 🔤 Records 🌱	📺 鱼 👧 XXA043 / Wi	🚽 Save & Edit 🚽 Save & Repeat 🚽 Save & Close
Clinical notes (14)	🖃 XGA017 / Masai gi	F7
Diagnoses & Procedures Prescriptions/Treatments (35)	😐 🚯 XGA017 / Ma	Single Animal ID Multiple Animal IDs
✓ Tresenplients frouments (55) ✓ ▼ (5)	😐 👧 XGA017 / Ma	Select Animal ID *
Centre & Results (5)	∃ XGA003 / Ruppell'	P
Anesthesia (2)	🔾 🕐 XGA003 / Ri	
Physiological measurements (1)	∃ XFG001 / Northwe	Collection Date Time Local Sample ID
Diagnostic imaging	E XFG001 / No	Jun 29, 2018 🔛 12:00 AM
> 🕼 R14004 / Prehensile-t 🦙 🕻	🔲 XCA054 / Commor	Collected By
		Staff External Contact Sample Type *

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.

www.Species360.org - Global Information Serving Conservation



Second, if you have an animal record open on the left-hand Dashboard, selecting New and the required topic will open the screen with the Animal ID prefilled.

Third, from the Main Dashboard you can also highlight a record and select New and the required topic. The screen will open with the Animal ID prefilled.

😚 Medical Records	🌍 Medical Records
🎦 New 🗸 📘 Edit 💢 Delete 📃 Manage Anim	Add Sample
Dashboard 🔇	Details Calendar Tasks
Select animal to see detail	🚽 Save & Edit 🚽 Save & Repeat 🚽 Save & Close
Records T Records T	Single Animal ID
Clinical notes (1)	R14004 / Prehensile-tai x
 ✓ (C) Samples (4) ✓ Tests & Results (4) ✓ Anesthesia (1) ✓ Necronsv/Binnev 	Collection Date * Time Local Sample ID Jun 29, 2018 12:00 AM Collected By 12:00 AM
Physiological measurements	● Staff ● External Contact Sample Type * Please Select ✔ Please Select
	Additives/Preservatives Anatomical Source/Tit
	Please Select Please select

To save data entry time take advantage of the shortcut (hot) keys that are available for adding new medical records.

() H	ledical Records		
🖰 N	ew 🗸 🔪 Edit 🗶 Delete	🗄 Manage Ar	nimal
Ð	Clinical Note	Shift + C	
Ð	Diagnoses & Procedures	Shift + D	э хх
8	Quick Prescription/Treatment	Shift + Q	•
8	Full Prescription/Treatment	Shift + P	∃ XG
0	Aquatic Enclosure Prescriptio	n Shift + E	•
	Sample	Shift + S	-
9	Test & Results	Shift + T	
	Anesthesia	Shift + A	
	Physiological measurements	Shift + M	3 XF
Ø	Necropsy/Death	Shift + N	
Ø	Biopsy	Shift + B	
	Dragnoses a moceanes Dragnoses (Trastmants)	(2)	-

It is the mission of Species360 to facilitate international collaboration in the collection and sharing of information on animals and their environments for zoos, aquariums and related organizations.

www.Species360.org – Global Information Serving Conservation



Global information serving conservation.

Exporting the Medical Dashboard

There are two different ways to export data from the Medical Dashboard. Both export functions are found in the Export menu

🌍 Medical Records		
🈁 New 🗸 🔪 Edit 🗶 Delete 🧮 Manage A	nimal Lists 🗸 🍣 Reload medical list 💽 Export 🗸 🥥 Me	edical Reports - Medical Apps - 🗍
Dashboard 😲	Animal 1 Export dashboa	ard grid to Excel
Select animal to see detail	12/21/2022 2 2 Export detailed	dashboard records to PDF
A 📑 Records	Balou / Domestic dog (bried unspecified) / ISS	12/21/2022 Bending comp
Clinical notes (11)	Balou / Domestic dog (breed unspecified) / ISS 11/23/2022	12/21/2022 Anesthesia rel
C Samples (13) C Tests & Results (4)	 MAM2 / Loach / ISS12-00016 11/14/2022 	11/23/2022 Saline 0.9% Inje
Anesthesia (4) Mecropsy/Biopsy (3) Physiological measurements (3)	MAM2 / Loach / ISS12-00016	11/14/2022 Pending comp
💮 Diagnostic imaging	Chico / Domestic cat (breed unspecified) / ISS	11/01/2022 Clinical diagnos

1. Export dashboard grid to Excel

Choosing option 1 – 'Export dashboard grid to Excel' will download the dashboard data into an excel grid. The excel file will show the data from the columns as they appear on the dashboard, with a few extra columns such as whether the item was marked significant, or the status of the animal (e.g. Active Medical Issue).

	Α	В	С	D	E	F	G	н	1	J	К	L
1	Status	RecordType	Animal Type	PreferredID	Taxonomy	GAN	Date	Time	Detail	ResponsiblePart	SignificantFlag	PrivateCollection
		Anesthesia	Individual	Balou	Domestic dog (b	ISS22-00965	12/21/2022	00:00	Pending	Frands Carlsen	No	Yes
			Balou /						completion (no			
2			Domestic dog						effects or			
		Anesthesia	Individual	MAM2	Loach	ISS12-00016	11/14/2022	00:00	Pending	Michele Moses	No	Yes
3			MAM2 / Loach						completion (no			
		Anesthesia	Individual	Chico	Domestic cat (br	ISS21-00848	10/31/2022	00:00	Pending	Joris Verbrugger	No	Yes
			Chico /						completion (no			
4			Domestic cat						rating/recovery			
		Anesthesia	Individual	TESTAUTO1	House mouse	ISS20-00722	02/24/2022	00:00	Pending	Nicole Errante	No	No
5			TESTAUTO1/						completion (no			

Use this export to sort and analyze the dashboard list outside of ZIMS.

This functionality is only available for the dashboard view when:

- Viewing records for select dates (default is 7 days)
- Viewing records for a specific animal record,
- Viewing the search results for Diagnosis & Procedures or Prescriptions searches

Note – This export will export local records only. This is inline with current data sharing and data privacy policies.





2. Export detailed dashboard records to PDF

				Med	ical Histo	ry Report I	for All I	Record Typ	**				_	36		
		_		_			_									
Animal	GAN		Preferred	D	Taxon	omy			Se	x		Birth Date		Age		
Individual	ISS22-00965	2-00965 Balou Canis lupus fan				upus fam	iliaris) vecifier	Domestic	M	ale		10/16/2016		6Y 2M 5D		
Anestesia Ba	aic info	_		_	1.00		1 17	Recovery & Rat	ings		_		_			
Restraint	Date		12	21/203	22		1	Anesthes	ia Ini	duction				Good		
Reason	for Restraint		Me	dical	-			Anesthes	ia Mu	uscle Relat	katic	in .		~ Eventerat		
Health St	atus		No	mai	-		1	Complica	tion	rerain Ratin				None		
Body Co	ndition Score		÷.,					Recovery						Normal		
Fasting 0 Fluid Res	Juration striction Durati	on	8-1	6 hours	s			Renarcot "Complicati	on Noi	on tea	_			No		
Prerestra	int Activity		Mo	derate	activity			~								
Restraint	Risk Class							Iolen/Corres								
Immobi	// lizing Situation		-													
Physic	al	So	cial				-	Anesthesia Loc	ation =		-					
Small e	nciosure	lso	lated Animal				1	Location	Туре	Unde	etern	hined				
-																
mage: 33 ks	igram (Excluded from a	oms)														
- Drug Informat	ice .															
Drug Given	ose	Dos	age	Tim	10	Elapsed		Duration		Route	o/Mo	Method/Success		Bottle		
~ ~		~		-		-		~		-				~		
Effects & Mile	dures.															
Observa	tion Date		Time	Elaps	ed Tim	Time Observed Depth					Observed Milestone					
~			~	~			~				~					
Samples		_		_	_	_	_	_	_		-		_			
Collectio	on Date	Sam	ple Type	1	Anatomi	ical Sour	ce	A	dditi	ve Preserv	ativi	,	Col	lected By		
~		~		-				~					~			
Measurements																
Date						E	Body t	temperati	are							
12/21/20	22 12:00					3	361 °C									
12/21/20	22 13:20					3	300 '0	-								
vysiological r	nessurement															
Animal	GAN		Preferred	D	Taxon	omy			Se	2X		Birth Date		Age		
Individual	ISS22-00965		Balou		Canis I dog (h	upus fam	iliaris! ecife	Domestic d)	M	ale		10/16/2016		6Y 2M 5D		
Massment	14				1.000			·	1							
Date	Time	Meas	surement				Va	alue			UC	M				
12/21	/2022 12:00 /2022 13:20	Boty	semperature temperature	_			36	21 VA			de	gree Celsius gree Celsius	-			
							-						_			
103/0622																
rescription/Tr	eatmont															
Printed	01/24/2023					Spe	icies38	0						Page 1 of 42		
Copyrigh	t, speces360, 2023	. At right	a reserved.													
		_		Med	ical Histo	ry Report I	for All	Record Typ	**		_		_	36		
Animal Type	GAN		Preferred I	D	Taxon	omy	Sea	¢		Birth Date			Age	(at the start date		
Individual	ISS12-00016		MAM2		Pangio	Loach	Unc	determine	3	~ from 01/0	01/20	111 to	11Y -	4M 21D		
Energy Info								Neight Info								

Choosing option 2 – 'Export detailed dashboard records to PDF' will download all the medical records within the screen to PDF.

The PDF will display all the information for each medical record, one after another.

Revised 6 August 2024