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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 🧮 Manage	Animal L	ists 🗸 🛛 🥲 Reload	l medical list 🌄 Export medical	list 🕗 Medical F	Reports - Medical Apps -
Dashboard 🔇		Animal	(324 Records)	Date	Details
Select animal to see detail	🗉 Mai	r 01, 2017			
A Records	• (M12009 / Ocel	ot / MIG12-29919673	Mar 01, 2017	OMEGA 3 434 mg once a day (sid) for 30
Clinical notes (80)		M12009 / Ocel	ot / MIG12-29919673	Mar 01, 2017	00:00 / Feces / /
Diagnoses & Procedures (3) Prescriptions/Treatments	-	🧕 M12009 / Ocel	ot / MIG12-29919673	Mar 01, 2017	Feces / GREENVISC / Parasitology(2/2)
✓ C Prescipitoris/ realified 1, ✓ C Samples (70)		XGA021 / Nige	rian dwarf goat / 20955570	Mar 01, 2017	General: Keepers (WB and KD) note 🧃
Tests & Results (64)	🖃 Feb	28, 2017			
Anesthesia (12)	(B12009 / Toco	toucan / JQQ12-01470	Feb 28, 2017	00:00 / Feces / /
Mecropsy/Biopsy (2) Physiological measurements (5)	(🖢 B12009 / Toco	toucan / JQQ12-01470	Feb 28, 2017	Feces / GREENVISC / Parasitology(2/2)
Diagnostic imaging		B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	Examination: Animal was presented f 🧃
	(B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	00:00 / Plasma / JUGULAR / Heparin, Lithi
	(🔋 B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	00:00 / Feces / Cloaca / Transport media
	(B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	00:00 / Whole Blood / JUGULAR / Heparin
		🖢 B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	Whole Blood / ANTECH DIAGNOST / He
	(B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	Plasma / ANTECH DIAGNOST / Chemistr
	(🖢 B13008 / Silkie	bantam chicken / HSV13-00030	Feb 28, 2017	Feces / ANTECH DIAGNOST / Microbiolo

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.

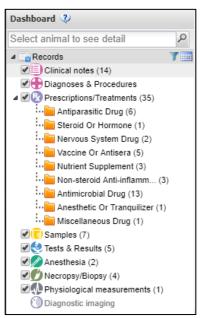
😁 New 🗸 Ň Edit 🗶 Delete 📃 Manage /	Animal Lists 🕶	🛛 😂 Reload medical list	2 Export medical	list 🥝 Medical F	Reports • Medical Apps •
Dashboard 🔇	4	nimal	(31 Records)	Date	Details
Select animal to see detail	Image: 1	/16031 / Amur leopard / M	IG12-28443030	Jan 18, 2018	Examination: Animal is to be
Records	🔸 🚯 M	/16031 / Amur leopard / M	IG12-28443030	Jan 18, 2018	Clavamox 375 (375 mg Solid
🛛 😡 M16031 / Amur leopard 🍡 🏹 📰	🖃 Jan 01, 3	2018			
Clinical notes (3)	😐 🚯 M	/16031 / Amur leopard / M	IG12-28443030	Jan 01, 2018	Ivermectin 3.7 mg once a mo
Prescriptions/Treatments (8)	🖃 Jun 29,	2017			
C Samples (8)	(E) N	/16031 / Amur leopard / M	IG12-28443030	Jun 29, 2017	00:00 / Feces / /
	ا چ	/16031 / Amur leopard / M	IG12-28443030	Jun 29, 2017	Feces / GREENVISC / Paras
Contraction (Contraction (Contraction) (Cont	🖃 Jan 01,	2017			
Physiological measurements (1) O Diagnostic imaging	• 📀 ۱	/16031 / Amur leopard / M	IG12-28443030	Jan 01, 2017	Ivermectin 3.7 mg once a mo
O Diagnostic imaging	🖃 Dec 12,	2016			
	🔸 👩 N	/16031 / Amur leopard / M	IG12-28443030	Dec 12, 2016	Ivermectin 3.7 mg once a mo

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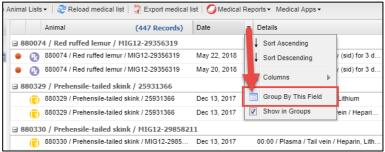
Below we have checked only Prescriptions/Treatments from the left panel. Only this topic is now displayed with the most recent date at the top.

😁 New 🗸 🔪 Edit 💢 Delete 📰 Manage	Animal Lists 🗸 🛛 🍣 Reload medical lis	st 🎇 Export medical list 🥥 Medical Re	eports - Medical Apps -
Dashboard 🔇	Animal	(8 Records) Date	Details
Select animal to see detail	🖃 Jan 18, 2018		
Records T	😑 👧 M16031 / Amur leopard /	MIG12-28443030 Jan 18, 2018	Clavamox 375 (375 mg Solid > Tablet) (
M16031 / Amur leopard	🖃 Jan 01, 2018		
Diagnoses & Procedures	M16031 / Amur leopard /	MIG12-28443030 Jan 01, 2018	Ivermectin 3.7 mg once a month for 12
Prescriptions/Treatments (8)	∃ Jan 01, 2017		
Samples	M16031 / Amur leopard /	MIG12-28443030 Jan 01, 2017	Ivermectin 3.7 mg once a month for 12
Tests & Results Anesthesia	⊒ Dec 12, 2016		
Necropsy/Biopsy	M16031 / Amur leopard /	MIG12-28443030 Dec 12, 2016	Ivermectin 3.7 mg once a month for 1 d
Physiological measurements	🖃 Dec 07, 2016		
imaging	A 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					🚯 Medical Records			
🤭 New 🔹 🖹 Edit 🗱 Delete 🛙 📃 Managi	Animal Lists - 🧬 Reload medical list	2 Export medical lit	st 🥥 Medical F	Reports + Mr		Inimal Lists - 🧳 Reload medical list	TExport medical I	ist 🕜 Medical Rep
Dashboard 😲	Animal	(14 Records)	Date	Details	Dashboard 🤣	Animal	(14 Records)	Date
Select animal to see detail	∃ 19/11/2021				Select animal to see detail	∃ 19/11/2021	1	
Records	11111 / Ailurus fulgens / ZR	821- 4272	19/11/2021	General	A Records T	11111 / Red panda / ZRS2	- 4272	19/11/2021
Clinical notes (8)	1234s / Equus quagga qua	ga ZRS21-14270	19/11/2021	General	Clinical notes (8)	12345 / Quagga (extinct 18	72) / ZRS21-14270	19/11/2021
Diagnoses & Procedures	□ 17/11/2021				Diagnoses & Procedures Prescriptions/Treatments	∃ 17/11/2021		
Prescriptions/Treatments Samples (4)	11111 / Allurus fulgens / ZR:	\$21. 4272	17/11/2021	General	Samples (4)	11111 / Red panda / ZRS21	4272	17/11/2021
Complex (4)	□ 16/11/2021		C 🛃 Tests & Results		∃ 16/11/2021			
Anesthesia	11111 / Allurus fulgens / ZR:	21 4272	16/11/2021	General	General Operation Second Secon	11111 / Red panda / ZRS2	4272	16/11/2021
Necropsy/Biopsy (1)	11111 / Allurus fulgens / ZR		16/11/2021	00:00 / 1	Physiological measurements (1)	11111 / Red panda / ZRS2	4272	16/11/2021
Physiological measurements (1)	(1)	16/11/2021		Diagnostic imaging	11111 / Red panda / ZRS2	4272	16/11/2021	
Diagnostic imaging	11111 / Allurus fulgens / ZR	521-4272	10/11/2021	Clinical		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.

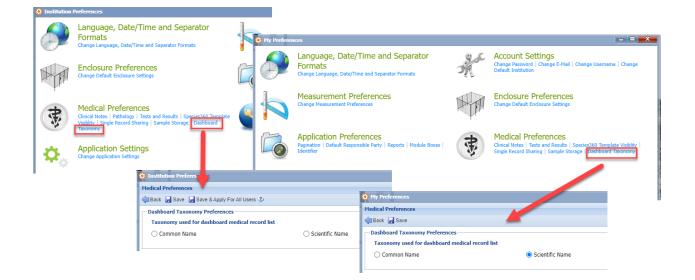
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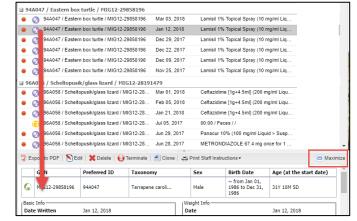
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When a record is selected from the list, the lower center panel becomes a preview pane for the information recorded. To view the entire entry, select the Maximize button.





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.

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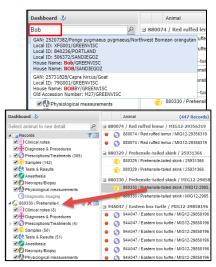


There are three ways to open the medical records for a specific animal or group. First, type in the GAN, Local ID, or other identifier such as transponder into the search field.

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

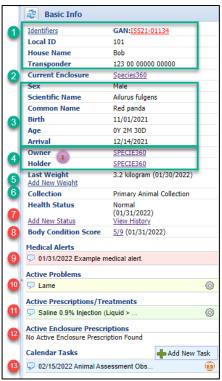
5 A	nimals			
Sear	ch Animals By Identifier/GAN	4	P 🔮 Filt	er By Institution
»	Statistics Search Results 🗵	MIG12-284430	30/Panthera pard	lus orientalis 🗵
	Details More Details No	ote & Observation Ұ	Major Life Event	My Transactions
	🈂 🤰 🐑 Expand all 🗉 Co	illapse all 🕥 Actio	ns 🕶 🌔 Medical R	ecords
	Basic Info			
	4 🖉 📧 😨			
	Individual	GAN: MIG12-28	443030 / <mark>Alive</mark> / I	1ale

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



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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:



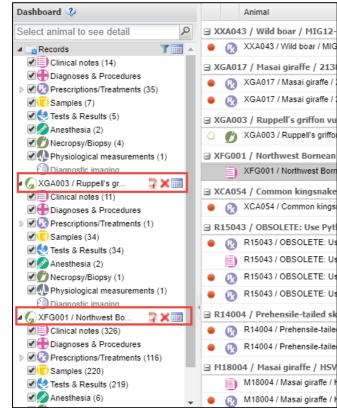
- 8. <u>Body Condition Score</u> shows the most recent Body Condition Score. You can click on the score to see the full history for this record and add a new score.
- 9. Medical Alerts are a special type of <u>clinical note</u> that contain critical information regarding the animal. The Note Types appear 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.
- 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.



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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 🗸 🔪 Edit 🗶 Delete 🖽 Ma	nage Animal Lists 🗸 🔊 Relo	o Medical Records						
Dashboard 🔇	Animal	Add Sample						
Select animal to see detail	₽ XXA043 / Wild boa	Details Calendar Tasks						
A Records	👅 🕒 🛞 XXA043 / Wi	🚽 Save & Edit 🚽 Save & Repeat 🛃 Save & Close						
Clinical notes (14)	🖃 XGA017 / Masai gi	F2						
Diagnoses & Procedures Sections/Treatments (35)	😑 🚯 XGA017 / Mi	Single Animal ID O Multiple Animal IDs						
Samples (7)	😑 🚯 XGA017 / Mi	Select Animal ID *						
Tests & Results (5)	∃ XGA003 / Ruppell'	Q						
✓ Anesthesia (2) ✓ ♥ Necropsy/Biopsy (4)	🔾 🅐 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 *						

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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 Anima	Add Sample
Dashboard 🔇	Details Calendar Tasks
Select animal to see detail	🚽 Save & Edit 🚽 Save & Repeat 🚽 Save & Close
Records	
🛛 🕢 R14004 / Prehensile-t 🦙 🗙 🧾 🌘	Single Animal ID Multiple Animal IDs
Clinical notes (1)	Select Animal ID *
Diagnoses & Procedures	R14004 / Prehensile-tai x
Prescriptions/Treatments (2)	
✓ (E) Samples (4)	Collection Date * Time Local Sample ID
Tests & Results (4)	Jun 29, 2018 🔲 12:00 AM
Anesthesia (1)	
Mecropsy/Biopsy	Collected By
Physiological measurements	Staff External Contact Sample Type *
Diagnostic imaging	Please Select Please Select
	Additives/Preservatives Anatomical Source/Tie
	Please Select Please select

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

0	ledical Records		
1 1	lew 🗸 🔊 Edit 🗶 Delete	\Xi Manage Ar	nimal
Ð	Clinical Note	Shift + C	
Ð	Diagnoses & Procedures	Shift + D	a xx
6	Quick Prescription/Treatment	Shift + Q	•
6	Full Prescription/Treatment	Shift + P	a 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	
	Dreassintians (Treatments)	2)	-

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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	Animal Lists 🗸 🍣 Reload medical list 💽 Export 🗸 🥥 M	edical Reports - Medical Apps - 🗍
Dashboard 😲	Animal 🔮 🖾 Export dashbo	ard grid to Excel
Select animal to see detail	□ 12/21/2022 2 Export detailed	I dashboard records to PDF
A Records	Balou / Domestic dog (breed upspecified) / ISS	12/21/2022 Pending comp
Clinical notes (11) Diagnoses & Procedures (11) Prescriptions/Treatments (14)	Balou / Domestic dog (breed unspecified) / ISS 11/23/2022	12/21/2022 Anesthesia re
✓ (E) Samples (13) ✓ ✓ Tests & Results (4)	MAM2 / Loach / ISS12-00016 I1/14/2022	11/23/2022 Saline 0.9% Inj
 Anesthesia (4) Necropsy/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).

	A	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
2		Anesthesia	Individual Balou / Domestic dog	Balou	Domestic dog (b	ISS22-00965	12/21/2022	00:00	Pending completion (no effects or		No	Yes
3		Anesthesia	Individual MAM2 / Loach	MAM2	Loach	ISS12-00016	11/14/2022	00:00	Pending completion (no	Michele Moses	No	Yes
4		Anesthesia	Individual Chico / Domestic cat	Chico	Domestic cat (br	ISS21-00848	10/31/2022	00:00	Pending completion (no rating/recovery		No	Yes
5		Anesthesia	Individual TESTAUTO1/	TESTAUTO1	House mouse	ISS20-00722	02/24/2022	00:00	Pending completion (no		No	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.

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2. Export detailed dashboard records to PDF

				Med	ical Hist	ary Report fo	or All P	Record Type	•			_	36
2/21/2022		_		_	_		_		_			_	
Animal Type	GAN		Preferred I	D	Taxor	omy			Sex		Birth Date		Age
Individual	ISS22-00965		Balou		Canis dog (b	lupus famili reed unspe	liaris/C ecified	Domestic	Male		10/16/201	5	6Y 2M 5D
- Anestesis B	naie info	_		_				ecovery & Ratio				_	
Respons	For Restraint lible Clinician		Me	21/200 dical inds C			1	Anesthesia Anesthesia Anesthesia	a Musci o Overa	o Rolaxat	tion		Good ~ Excellent
Health S Body Co	tatus Indition Score		Nor	mai				Complicati Recovery	on				None Normal
Fasting				6 hours	5			Renarcotia					No
Prerestra	aint Activity	on			activity			~					
Restrain	t Risk Class		1					iolen/Comme	-ta				
	ilizing Situation -						~						
Physic	sal anciosure	So	cial atert Animal					ocation T		Undete	mined		
Simalle	anciosure	Isol	ated Animal							0.1000			
Waight .	logram (Excluded from r												
- Drug informat													
Drug Given	ose	Dosa	igo	Tim		Elapsed Time		Duration	Route/M		fethod/Success		Bottle
		~		~		~		~		~			
Effects & Mile	etizies.												
Observa	tion Date		Time	Elaps	ed Tim	•	Ob	served De	pth		Observed M	ilesto	ne
-			-	-			~ ~						
Collecti	on Date		ale Type			ical Sourc	20	Ad	ditive P	reservat	ve		lected By
~		~		-				~				~	
Date						B.	odu t	emperatu					
	22 12:00						61 'C						
12/21/20	22 13:20					36	66 'C						
halological	neasurement												
Animal Type	GAN		Preferred I	D	Taxor	xonomy Sex			Sex	Sex Birth Dat			Age
Individual	ISS22-00965		Balou		Canis dog (b	lupus famili reed unspe	laris(ecified	Domestic 1)	Male		10/16/2010	3	6Y 2M 5D
Date	Time	Meas	urement				Va	due			JOM		
	/2022 12:00		temperature				36				degree Celsiu		
12/21	/2022 13:20	Body	temperature				36	0			degree Celsiu	15	
1/23/2022													
rescription/T	reatment												
	01/24/2023 It, Speciex350, 2023	Alight	newsynd.			Speci	cies360	,					Page 1 of 42
				Med	ical Hist	ary Report fo	or All P	Record Type	•				36
Animal Type	GAN		Preferred I	D	Taxon	omy	Sex	ı.	Birt	h Date		Age	(at the start date)
	ISS12-00016		MAM2		Pangio oblong	alLoach		letermined	~ fro 01/0	am 01/01/ 01/2012	2011 to	111	4M 21D
- Rank Info							1.1	feigtt kils					

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 24 January 2023