



MILITARY WORKING DOG TRAUMA REGISTRY DATA DICTIONARY

Version 1.1, Build 1 - August 2023

Introduction & History

The Joint Trauma System (JTS) is the Department of Defense (DoD) authority for the military's trauma care system. The vision of the Joint Trauma System is that every Soldier, Sailor, Marine, Airman, and now canine injured on the battlefield will have the optimum chance for survival and maximum potential for functional recovery. To achieve this vision, in 2006, the JTS implemented programs for data-driven trauma system development and improvement in addition to the collection of trauma data. As part of its data collection efforts, the JTS maintains a registry of trauma patients who received care at medical treatment facilities (MTFs). Since 2007, this registry – known as the DoD Trauma Registry (DoDTR) – has documented demographic, injury, treatment, and outcomes data for all trauma patients admitted to any DoD MTF, regardless of whether the injury occurred during on-going military operations, and is the largest military trauma data source in the world.

Over the next several years, the DoDTR evolved to capture data more specific to evaluating military policies, processes, and practices, and a web-based version was released in October 2011 for use by all DoD MTFs interested in providing data for the registry. Since December 2014, abstraction of all theater records has been centralized at the JTS headquarters in San Antonio. Records of patients treated at MTFs outside the continental U.S. (i.e. LRMC (Role 4 OCONUS)) and MTFs in the continental U.S. (i.e. Role 4 CONUS) are typically abstracted by trained staff at the treatment facility, although JTS staff may provide assistance when needed.

In 2017, the U.S. Army Veterinary Corps established a community of interest and began development of the Military Working Dog Trauma Registry (MWDTR) to capture trauma data as well as disease non-battle injury (DNBI) in order to improve processes and veterinary medical care across the DoD. As part of its data collection efforts, the MWDTR maintains a registry of trauma and DNBI canine patients. The MWDTR documents the demographics, injuries, treatments, and outcomes data for all canine patients, regardless of whether the injury or illness occurred during on-going military operations. The MWDTR was developed in collaboration with JTS and data abstraction began in January 2022.

Sources of data include, but are not limited to, K9 Tactical Combat Casualty Care (K9TCCC) Cards, Canine Treatment and Resuscitation Records (K9TRR), Veterinary Electronic Health Records (vEHR), patient care reports (PCRs), after action reports (AARs), and TRANSCOM Regulating and Command & Control Evaluation System (TRAC2ES). Data are abstracted, when possible, for the entire continuum of acute care (i.e. prehospital care) from the point of injury through care rendered at the Role 4 CONUS VTF, Department of Defense Military Working Dog Veterinary Service at Joint Base San Antonio-Lackland.

This document provides a list of the available data files and detailed descriptions of the variables contained in each file. SAS® and STATA® sample programs are available to help researchers with merging files and recoding variables. Please be aware that the JTS does not provide statistical support and does not assist with analyses for research projects.

Inclusion Criteria

Canine Patients included in the MWD Trauma Registry

Any trauma casualty or DNBI patient treated at a VTF in garrison or deployed or at a MTF in a deployed environment or DNBI (time rule applies to initial facility seen within the continuum of care), or that meets ONE of the following conditions:

1. Transfer from a VTF or MTF

- 2. Trauma and DNBI Deaths processed (record generated) at any VTF or MTF facility including:
 - Killed in Action (KIA)
 - Dead on Arrival (DOA)
 - Died of Wounds (DOW)
 - Died of Disease
 - Died of Non-Battle Injury

Analytic & Data Limitations

Data Verification and Quality Assurance/Quality Checks

Validation checks have been built into the abstraction process. This function verifies required fields are populated and will indicate if the data entered is out of the expected range.

Data are routinely examined for discrepancies and erroneous entries.

Essential Information for the Appropriate Use and Analysis of MWDTR Data including Limitations

There are numerous advantages of using registry data for medical research. However, investigators must also be aware of the limitations that generally apply to all registries as well as those specific to individual registries, such as the MWDTR. Although registries can be useful in conducting research by identifying canine patient cohorts that meet particular criteria, they are not primary research tools and are not designed to answer any specific scientific question. Data collection for registries is typically more passive than that for other types of epidemiology studies, and missing data can present a greater concern. Moreover, the value of a registry is inherently dependent on the quality of the data it contains. Because the MWDTR includes only a selective sample of data for only a selective sample of the entire target population, inferences from statistical analyses of MWDTR data should be made only with caution and after careful consideration of the sources of error and bias.

The MWDTR is an incident registry. A single canine patient may have multiple injury events captured in the registry depending on the number of incident injuries and illnesses for which they were admitted for treatment. Data for each injury event is collected by manually abstracting predetermined information from paper records and various electronic information systems, which often contain conflicting accounts of canine patient care and treatment. To reconcile disparate information, the Data Acquisition Branch of the JTS has developed business rules that guide data abstraction and prioritize sources of information. Nevertheless, because much of the data in the MWDTR is abstracted from the medical record, it is only as complete as the information recorded by providers.

More specifically, while a value of "yes" can be considered confirmed information, a value of "no" does not always mean the canine patient did not receive the treatment, procedure, etc. It could also simply mean the information was not documented. If the quality or completeness of the information available for abstraction differs by facility, the data may be

susceptible to information bias. Additionally, while every attempt is made to document the entire continuum of acute care, a canine patient's final disposition may not be known, particularly if the canine patient was Allied, Partner Nation or contract working dog. Researchers should be mindful that MWDTR data is not abstracted in real-time, and complete data for canine patients injured in the most recent calendar quarter may not yet have been abstracted or reviewed for errors due to reporting delays.

The population captured by the MWDTR is not a random sample of trauma or disease non-battle injury canine patients treated at veterinary or medical treatment facilities, and the MWDTR data are, therefore, subject to selection bias. In addition, trauma- or DNBI-related data from VTFs outside of theater are also captured. There are over 140 VTFs outside of the theater that currently provide emergency services.

Prior to 2019, there did not exist a uniform method of capturing data for canine patients. Clinical records, if they were generated at all, relied on various means of documentation, including the use of forms designed for human patients or brief notes from care providers. As a result, the quality and depth of the records were inconsistent if they existed at all, and multiple records may have been generated for the same canine patient without any means to link the records together. Beginning in 2019, the K9TCCC Card and the K9TRR Record were developed to provide caregivers with a method to accurately track the care for any canine patient being treated prehospital through Role 3 and discharge. As a result, all demographic, incident, and clinical records will now be captured in the MWDTR.

Data from the MWDTR is provided in both wide and long formats depending on the data file. The *Demographic & Incident* data file will be in wide format (i.e., one record per dog), whereas all other files will be in long format (i.e. there may be more than one record per dog).

Analytic & Data Limitations

Prior to being analyzed, MWDTR data must be cleaned and recoded. The data will contain outliers and missing values that should be carefully examined. Missing values most often occur when patient information is not recorded or documented at the time of patient care and may distort study results. The proportion of missing data will differ by variable and year, and possibly VTF.

Detailed information on valid values for each variable are provided in the sections following the Summary of Changes. Researchers should make certain the data being analyzed for their study are consistent and valid.

Finally, the MWDTR data are constantly being reviewed and updated. Due to on-going, regularly scheduled audits of all MWDTR records, results from similar statistical analyses conducted at different times or by different data analysts using MWDTR data from the same time periods may turn out to be less reproducible than expected.

Table of Data Elements*

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^{*}Page numbers refer to the pages of the embedded PDF listing of data elements.

The PDF follows the Summary of Changes.

The current edition of the MWDTR Data Dictionary reflects no modifications.

Specific Changes (other than those listed above)

Tab	Change Made

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
Registry rab	inegistry Subtablisy	Data Liement	Variable Description	Available/	Value Description/Format	Notes
				Began		
Demographics	Demographics	WDMS Control Number	Working Dog Management System (WDMS) Control Number.		[Relevant Value for Field] Unknown Not Applicable Not Valued	Auto-generated number from the WDMS at Lackland Air Force Base.
Demographics	Demographics	Name	The name of Canine Patient	All	[Relevant Value for Field] Unknown Not Applicable Not Valued	
Demographics	Demographics	Whelp Date	The canine patient's whelp date (date of birth)	All	MMDDYYYY Unknown Not Applicable Not Valued	
Demographics	Demographics	Tattoo	Number placed on underside of left ear to indicate dog accepted as DoD Government property	All	[Relevant Value for Field] Unknown Not Applicable Not Valued	
Demographics	Demographics	MicroChip	Microchip number implanted into canine patient	All	[Relevant Value for Field] Unknown Not Applicable Not Valued	
Demographics	Demographics	Gender	Gender (Sex) of canine patient	All	Female Male Unknown Not Applicable Not Valued	
Demographics	Demographics	Breed	Breed of canine patient	All	Belgian Malinois Belgian Tervuren Dutch Shepherd German Shepherd German Shorthair Pointer Golden Retriever Labrador Retriever Springer Spaniel Vizsla Other Unknown Not Applicable Not Valued	
Demographics	Demographics	Blood DEA	Canine Patient positive or negative for Canine DEA 1.1	All	Negative Positive Unknown Not Applicable Not Valued	

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Decistry Tab	Dogistmy Cubtob/s)	Data Flament	Waviahla Dasswintian		Value Description / Formet	Notes
Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
				Available/		
				Began		
Incident	Deployment Status	Pseudo SSN	Social Security Number assigned to canine	All	[Relevant Value for Field]	
			patient by Medical Treatment Facility		Unknown	
			(MTF).		Not Applicable	
					Not Valued	
Incident	Deployment Status	Certification	Canine's certified role at time of injury	All	Combat Tracker Dog (CTD)	
					Drug Detector Dog (DDD)/Large	
					Drug Detector Dog (DDD)/Small	
					Explosive Detector Dog (EDD)	
					Improvised Explosive Device Detector	
					Dog (IDD)	
					Mine Detector Dog (MDD)	
					Multi-Purpose Canine (MPC)	
					Patrol Dog (PD)	
					Patrol/Drug Detector Dog (P/DDD)	
					Patrol/Explosive Detctor Dog - Enhanced	
					(P/EDD-E)	
					Patrol/Explosive Detector Dog (P/EDD)	
					Patrol/Narcotic	
					Specialized Search Dog (SSD)	
					Untrained	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
Incident	Deployment Status	Origin Country	Country of origin for canine patient	All	[Range of values] (Free text field)	Any DoD Military Working Dog origin country will be
meraciie	Deployment status	ongin country	Country of origin for curinic patient	,	[runge of values] (Free text field)	United States.
Incident	Deployment Status	Patient Category	Source organization which provided canine	ΛII	Contractor MWD	\
incident	Deployment Status	atient category	patient	All	NATO - Coalition MWD	
			patient			
					NATO - Non-Coalition MWD	
					OGA - Other Government Agency	
					US Army MWD	
					US Air Force MWD	
					US Coast Guard MWD	
					US Marine Corps MWD	
	1				US Navy MWD	
	1				US Space Force MWD	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
Incident	Deployment Status	Unit	The unit to which the canine patient was	All	[Range of values] (Free text field)	
		-	assigned		(* : 5: : : ::::::::::::::::::::::::::::	
		L		<u> </u>	l .	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
gioti y 100		- La Lieniene	Tanada Secuription	Available/	Take 2 company to muc	
				Began		
Incident	Deployment Status	Spayed/	Canine spayed/neutered at time of	All	Yes	
	' '	Neutered	injury/illness event.		No	
			7. 7.		Unknown	
					Not Applicable	
					Not Valued	
Incident	Incident	CCMD	Combatant Command - Canine patient's	All	AFRICOM	
			command location at the time of injury		CENTCOM	
			, , , , , , , , , , , , , , , , , , , ,		EUCOM	
					INDOPACOM	
					NORTHCOM	
					PACOM	
					SOUTHCOM	
					Unknown	
					Not Applicable	
					Not Valued	
					Not valued	
Incident	Incident	Incident Country	The country where the injury/incident	All	Complete field menu can be provided as	If injured at sea (on ship), country = N/A
			occurred		requested.	
Incident	Incident	Injury Date	Date injury occurred	All	MMDDYYYY	
					Unknown	
					Not Applicable	
					Not Valued	
Incident	Incident	Injury Time	Time injury occurred	All	HH:MM	
					Unknown	
					Not Applicable	
					Not Valued	
Incident	Incident	Injury Timezone	Timezone of injury location	All	[Relevant Value for Field]	
					Unknown	
					Not Applicable	
					Not Valued	
Incident	Incident	Age	Age (years) of canine patient at the time of	All	[Range of Values]	Disables and Auto-populates when valid Whelp date and
			the injury		Unknown	Date of Injury are Entered. If Date of Injury and/or Whelp
					Not Applicable	date are not populated, the field will remain editable for
					Not Valued	direct data entry.
Incident	Incident	Injury Classification	Indicates whether the incident is related to	All	Battle Injury	If documentation does not clearly delineate 'Battle' vs
incident	incident	injury classification	a battle or non battle related injury.	All	Disease, Non-Battle Injury	'Non-Battle', consider the injury to be 'Non-Battle'.
			a battle of flori battle related injuly.		Non-Battle Injury	Non-Battle, consider the injury to be Non-Battle.
					Unknown	
					Not Applicable	
Incident	Incident	Handler Name	Name of coning nationals asimonished all a	All	Not Valued	Contigred as Last Nama First Nama if available
Incident	Incident	Handler Name	Name of canine patient's primary handler	All	Last Name, First Name	Captured as Last Name, First Name if available
					Unknown	
					Not Applicable	
					Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
Registry rab	Registry Subtables	Data Liement	Variable Description	Available/	value Description/1 offilat	Notes
				Began		
Incident	Injury/Illness Details	Machanisms	The cause of the injury	All	Aerial Bomb	There can be up to five Mechanisms of injury and are not
incident	injury/iiiiess Details	Wiechanisms	The cause of the injury	All	Altercation/Fight	recorded in any particular order
					Altered ROM	Particular order
					Animal Bite/Mauling	
					Asphyxia/Suffocation	
					Biological	
					Blunt Object	
					Building Collapse	
					Bullet/GSW/Firearm	
					Burn NFS	
					Chemical	
					Crush	
					EFP - Explosively Formed Projectile	
		1			Electrical	
					Envenomation	
		1			Environmental	
					Explosive - NOS	
					Fall	
					Fire/Flame	
					Flying Debris	
					Hand Grenade	
					Helo Crash	
					Hot Object/Substance	
					IED - NFS	
					IED - Person Borne	
					IED - Vehicle Borne	
					IRAM - Improvised Rocked Assisted	
					Munition	
					Inhalation Injury	
					Knife/Sharp Object	
					Machinery/Equipment	
					Mine/Landmine	
					Mortar/Rocket/Artillery	
					MVC - Moving Vehicle Collision	
					Nuclear	
		1			Pedestrian/Hit-by-Car	
					Plane Crash	
					Radiological	
		1			RPG	
					Submersion/Drowning	
		1			UXO - impaled by ordnance w/o detonation	
		1			Other	
		1			Unknown	
		1			Not Applicable	
		1			Not Valued	
				1		
Incident	Injury Details	Initial	The initial mechanism of injury	All	Value Description: Yes, No	The mechanism of injury that started the sequence of
						events leading to injury.

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
,			·	Available/		
				Began		
Incident	Injury Details	Injury Types	Type of injury to canine patient	All	Behavioral Blunt Burn Medical Penetrating	There can be up to three types of injury and are not recorded in any particular order
					Other Unknown Not Applicable Not Valued	
Incident	Injury Details	Dominant	Type related to the most significant injury sustained by canine patient	All	Value Description: Yes, No	
Incident	PPE		Personal Protective Equipment worn by the canine patient at the time of injury	All	Body Armor Ear Protection Eye Protection None Paw Protection Other Unknown Not Applicable Not Valued	Other - enter when PPE worn is not available in list of options
Incident	Diagnosis	Diagnosis Date	Date diagnosis intially identified	All	MMDDYYYY Unknown Not Applicable Not Valued	
Incident	Diagnosis	Diagnosis Time	Time diagnosis initially identified	All	HH:MM Unknown Not Applicable Not Valued	
Incident	Diagnosis	Diagnosis Facility	Diagnosis facility will have all the facility information for the facility that diagnosis took place in.	All	Name ID Role Timezone	
Incident	Diagnosis	Diagnosis	Injury/Incident/Illness related diagnoses	All	Each Dx consists of 3 values - Body System (broadest category): cardiovascular, digestive, endocrine, sensory, musculoskeletal, general, etc. Process (subcategory): i.e., behavior, clinical finding, metabolic, neoplasia, etc. Diagnosis: i.e., neoplasia of ear	
Incident	Diagnosis	Laterality	The canine patient's side of injury/illness	All	Bilateral Left Right Unknown Not Applicable	

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Danisto, Tal	Danista Cubtak (1)	Data Flamout	Wariahla Dannistian		Value Description /Former	Nata
Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Incident	Pre-Existing Conditions	Condition Date	Date pre-existing condition intially identified		MMDDYYYY Unknown Not Applicable Not Valued	
Incident	Pre-Existing Conditions	Description	Pre-existing Injury/Incident/Illness	All	Each Dx consists of 3 values - Body System (broadest category): cardiovascualr, digestive, endocrine, sensory, musculoskeletal, general, etc. Process (subcategory): i.e., clinical finding- observation/exam Diagnosis: i.e., intermittent lameness	
Incident	Pre-Existing Conditions	Laterality	Any illness or injury diagnosis that are documented in current medical record(s); condition present prior to and within two years current injury or illness date.	All	Bilateral Left Right Unknown Not Applicable Not Valued	
Clinical	Arrival Transport: Overview	Private Vehicle/ Walk-In/Carried	Indicates if the canine patient arrived in a private vehicle, walked in, or was carried into the facility by nonmedical personnel (i.e. Patients arriving to facility with no previous treatment provided).	All	Yes No Unknown Not Applicable Not Valued	If canine patient was brought in by private vehicle, walked in, or was carried, all arrival transport details (procedure, vitals, medication) will be unavailable.
Clinical	Arrival Transport: Overview	Arrival Timezone	Time zone of transport and/or point of injury care.	All	Relevant Value for Field Unknown Not Applicable Not Valued	[Range of Values]
Clinical	Arrival Transport: Providers	Care Location	Provider location of care for arrival transport record.	All	Point of Injury (POI) Transport Unknown Not Applicable Not Valued	POI (care provided by individual, i.e. handler, medic, etc. prior to R1) Transport (care provided in transport)
Clinical	Arrival Transport: Providers (Transport)	Transport Platform	Type of vehicle used in transport	All	Code values and descriptions available only upon special approval.	Applicable only when Care Location=Transport

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
negion y rus	inegioti y cultura(o)		- Canada Soon Paon	Available/		
Clinical	Arrival Transport: Providers	Transport Team	Team providing care during transport.	All	ACUTE LUNG RESCUE TEAM AE - Aeromedical Evacuation BURN TEAM CASEVAC - Casualty Evacuation CCAST - Critical Care Air Support Team CCATT - Critical Care Air Transport Team CIVILIAN FEVER MEDEVAC/DUSTOFF BLOOD CAPABLE MEDEVAC/DUSTOFF STANDARD MERT - Medical Emergency Response Team (UK) NICU TRANSPORT PEDRO - USAF Para Rescue Jumpers (PJ) TCCET-Tactical Critical Care Evaculation Team OTHER Unknown Not Applicable Not Valued	Applicable only when Care Location=Transport
Clinical	Arrival Transport: Providers Arrival Transport: Providers	Evac Category Documentation Available	The category assigned to the canine patient for evacuation at each location of care from Point of Injury through Hospitalization (Arrival to Role 2 or higher VTF) Capture available documentation from Care Location (POI, Transport, Role 1) to support Record Abstraction		A - Urgent B - Priority C - Routine Unknown Not Applicable Not Valued K9 TCCC (DD3073) NONE Other Medical Documentation	
Clinical	Arrival Transport: Providers - Staff	Provider Name	Last Name, First Name of POI, Role 1, or Transport Provider.	All	Unknown Not Applicable Not Valued [Range of values] (Free text field)	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
				Available/		
				Began		
Clinical	Arrival Transport:	Provider Role	Service of POI, Role 1, or Transport Provider	All	Animal Care Specialist	
	Providers - Staff				Dog Handler	
					EMT - Basic	
					EMT - Intermediate	
					EMT - Paramedic	
					Licensed Practical Nurse	
					Non-Medical Personnel	
					Physician	
					Physician Assistant	
					Registered Nurse - Critical Care Non-ECON	
					Registered Nurse - CRNA	
					Registered Nurse - ECCN	
					Registered Nurse - Non-Critical Care	
					Registered Nurse - Nurse Practitioner	
					Respiratory Therapist	
					Veterinarian	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element			Value Description/Format	Notes
	, , , , , , , , , , , , , , , , , , , ,			Available/	, , , , , , , , , , , , , , , , , , , ,	
				Began		
Clinical	Arrival Transport:	Provider Rank	Rank of Service of POI, Role 1, or Transport		E1	
	Providers - Staff		Provider		E2	
					E3	
					E4	
					E5	
					E6	
					E7	
					E8	
					E9	
					W1	
					W2	
					W3	
					W4	
					W5	
					01	
					02	
					03	
					04	
					05	
					06	
					07	
					08	
					09	
					010	
					CD	
					Civilian	
					Coalition	
					Combatant	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	Care Location		All		POI (care provided by individual, i.e. handler, medic, etc.
	Procedure		care at point of injury or during transport.			prior to R1)
					Unknown	Transport (care provided in transport)
					Not Applicable	
					Not Valued	
L						

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
	,			Available/	,	
				Began		
Clinical	Arrival Transport:	Procedure	Procedures performed at the scene/point of		Airway - Cricothyrotomy (CTT)	
	Procedure		injury (POI) or during transport		Airway - Intubated (ETT/OTI)	
			, , , , , , , , , , , , , , , , , , ,		Airway - Other	
					Airway - Tracheostomy (STT)	
					Circulation - Intraosseus	
					Circulation - CPR	
					Circulation - Peripheral IV	
					Safety - E-Collar	
					Safety - Muzzle	
					Stabilization - other bandage	
					Stabilization - Splint	
					Temperature - Hyperthermia External Cooling	
					Temperature - Hypothermia Prevention	
					Ventilation - Needle Decompression	
					Ventilation - O2	
					Warming - Blanket	
					Warming - Bidilket Warming - Body Bag	
					Warming - HPMK	
					Warming Space Blanket	
					Warming - Other	
					Wound - Chest Seal	
					Wound - Field Dressing	
					Wound - Hemostatic - Celox	
					Wound - Hemostatic - Combat Gauze	
					Wound - Hemostatic - ChitoFlex	
					Wound - Hemostatic Dressing Unknown	
					Wound - Hemostatic - ITClamp	
					Wound - Hemostatic Quick Clot	
					Wound - Hemostatic - X-Stat	
					Wound - Pressure Dressing	
					Wound - Tourniquet	
					Wound - Other	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	Care Location	Identifies location where vitals were taken	All	Point of Injury (POI)	POI (care provided by individual, i.e. handler, medic, etc.
	Vitals	22.0 20000011	at point of injury or during transport.	l	Transport	prior to R1)
			are provided and an adming transport.]	Unknown	Transport (care provided in transport)
]	Not Applicable	Transport (said provided in transport)
]	Not Valued	
Clinical	Arrival Transport:	Recorded Date	The date that the canine patient's vitals are	All	MMDDYYYY	
	Vitals		taken.]	Unknown	
]	Not Applicable	
					Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
negistry rub	ricgisti y sustas(s)	Duta Liement	Turiable Bescription	Available/	Funde Beschiption, Format	Notes
				Began		
Clinical	Arrival Transport:	Recorded Time	The time that the canine patient's vitals are	1	HH:MM	
	Vitals		taken.		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	Temp	Canine patient's temperature	All	[Range of Values]	
	Vitals		camine patient s temperature		Unknown	
	7164.5				Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	Temp Unit	The unit of measure for temperature	All	F - Fahrenheit	Field becomes enabled if Temp is recorded
	Vitals		The diffe of medadic for temperature		C - Celsius	The discourse chasted in reimp to reconded
	Vitais				Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	Temp Route	The route used to obtain canine patient's	All	Aural	Field becomes enabled if Temp is recorded
Cillical	Vitals	Temp Route	temperature	All	Rectal	Theid becomes enabled in Temp is recorded
	Vitais		temperature		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transports	Pain Scale	A numeric value of 0 to 4 indicating the	All	-	Pain Scale 0-10 scale translates as follows:
Cillical	Arrival Transport:	Palli Scale	A numeric value of 0 to 4 indicating the	All	[Range of Values]	
	Vitals		canine patient's pain level.		Unknown	Pain Rated 0 = 0 (No Pain)
					Not Applicable	Pain Rated 1-3 = 1 (Mild Pain)
					Not Valued	Pain Rated 4-6 = 2 (Moderate Pain)
						Pain Rated 7-9 = 3 (Severe Pain)
						Pain Rated 10 = 4 (Unbearable Pain)
Clinical	Arrival Transport:	Pulse Rate	The canine patient's UNASSISTED pulse	All	[Range of Values]	
	Vitals		rate.		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	Resp Rate	The canine patient's repiratory rate	All	[Range of Values]	
	Vitals				Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	SBP	The canine patient's UNASSISTED systolic	All	[Range of Values]	
	Vitals		blood pressure reading.		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	DBP	The canine patient's UNASSISTED diastolic	All	[Range of Values]	
	Vitals		blood pressure reading.		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Arrival Transport:	SpO2	The canine patient's oxygen saturation	All	[Range of Values]	
	Vitals		value.		Unknown	
					Not Applicable	
					Not Valued	
L		1		1		

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
negistry rub	negistry subtables	Butu Element		Available/	Value Description, Format	Notes
				Began		
Clinical	Arrival Transport: Vitals	Capillary Refill Time		All	<2 >=2 Unknown Not Applicable Not Valued	
Clinical	Arrival Transport: Medications	Care Location	Identifies location where medications/blood/fluids administered at point of injury or during transport.	All	Point of Injury (POI) Transport Unknown Not Applicable Not Valued	POI (care provided by individual, i.e. handler, medic, etc. prior to R1) Transport (care provided in transport)
Clinical	Arrival Transport: Medications	Medications	Name of medication or blood product administered at the point of injury or during transport	All	0.9% Sodium Chloride 6% Hetastarch (HES) 7.2% Hypertonic Saline (HTS) Blood-Hemoglobin-Based Oxygen Carrier (Lyophilized) Blood-Packed RBC Blood-Plasma Blood-Plasma (Lyophilized) Blood-Platelets Blood-Platelets Blood-Platelets (Lyophilized) Blood-Whole Blood Cefazolin/Ancef Cefotaxime Ceftriaxone/Rocephin Ertapenem Fluids-Crystalloids Ketamine Meloxicam Midazolam Morphine Sulfate Tranexamic Acid (TXA) Other	Fluids-Crystalloids includes .9 normal saline (NS), Lactated Ringers (LR), .45 Normal Saline (1/2 NS), Plasmalyte. 6% Hetastartch includes Voluven, Hydroxyethyl starch (HES).
Clinical	Arrival Transport: Medications	Medication Date	Date the Medication/Resuscitation Product was administered		MMDDYYYY Unknown Not Applicable Not Valued	
Clinical	Arrival Transport: Medications	Medication Time	Time the Medication/Resuscitation Product was administered		HH:MM Unknown Not Applicable Not Valued	
Clinical	Arrival Transport: Medications	Dose	Medication/Resuscitation Product dose administered	All	[Range of Values] Unknown Not Applicable Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
Registry rab	Registry Subtables	Data Liement	Variable Description	Available/	Value Description/Format	ivotes
				Began		
Clinical	Arrival Transport:	Unit	Medication/Resuscitation Product unit	All	Gm	
Cirrical	Medications	Office	Wiedication, Nesassitation i rodace and	,	Gtts	
	Wedications					
					Mcg	
					Mg	
					MI	
					Units	
					Vials	
					Unknown	
					Not Applicable	
					Not Valued	
					Not valued	
Clinical	Arrival Transport:	Route	Route by which the	All	Collar	
	Medications		Medication/Resuscitation Product was		Conjunctival	
			administered.		Endotracheal	
					IM	
					Inhalent	
					Intranasal	
					Intrathecal	
					10	
					IV	
					Ophthalmic	
					Oral	
					Otic	
					Rectal	
					Subcutaenous	
					Topical	
					Transdermal	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	Transfer Patient	Was the canine patient transferred from	All	Yes	
			another medical facility (R1 or higher)?		No	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	Referring Facility	The facility from which the canine patient	All	Code values and descriptions available only	
	ļ		was transferred		upon special approval.	
Clinical	ED: Facility Arrival	Triage Category	The triage level the patient was assigned	All	Delayed	
	1		upon arrival		Expectant	
					Immediate (Urgent)	
	1				Minimal (Routine)	
	1				Unknown	
	1				Not Applicable	
	1				Not Valued	
L	1	1	1			

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
,			· ·	Available/		
				Began		
Clinical	ED: Facility Arrival	Facility	Facility ID and Name for which the trauma	All	Code values and descriptions available only	
			record is created		upon special approval.	
Clinical	ED: Facility Arrival	ED Timezone	Documented Time Zone used at facility	All	[Relevant Value for Field]	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	Arrival Date	The date the canine patient arrived at the	All	MMDDYYYY	
			facility		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	Arrival Time	The time the canine patient arrived at the	All	HH:MM	
			facility		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	Arrival Timezone	Documented Time Zone used at facility.	All	[Relevant Value for Field]	
			·		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	K9 TRR Captured	K9 TRR Form (DD3074) captured and	All	Yes	
		(DD3074)	available in source documentation		No	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	ED Disposition Date	The date the canine patient discharged.	All	MMDDYYYY	
			·		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	ED Disposition Time	The time the canine patient discharged.	All	HH:MM	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Facility Arrival	Post ED Disposition	Department/location to which the canine	All	Discharged	
			patient was transferred		ICU	
					ICW	
					OR	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Safety	Muzzle	Muzzle applied in ED to Canine Patient	All	Yes	
				"	No	
					Unknown	
					Not Applicable	
					Not Valued	
			1	1		I.

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
registry rab	Legistry Subtablis	Data Element	Tanasic Sescription	Available/	Talac Sescription, Format	
				Began		
Clinical	ED: Safety	Handler Present	Handler present in ED with Canine Patient	All	Yes	
					No	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Safety	Sedated	Canine patient sedated in ED	All	Yes	
	,				No	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Care Teams	Service	Service of Trauma Team Provider	All	Animal Care Specialist	
	251 641 6 1 641115	50.1160	der vide di maama reami revide.		Anesthesiology	
					Consult (Germany)	
					ED Physician	
					Lab/Blood Bank	
					Pharmacy	
					Radiology	
					Respiratory Therapy	
					Trauma Surgeon	
					Veterinarian	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Care Teams	Provider Name	Name of Trauma Team Provider	All	[Range of values] (Free text field)	
Clinical	ED: Care Teams	Called Date	Date provider called to respond to Canine	All	MMDDYYYY	
			Patient		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Care Teams	Callled Time	Time provider called to respond to Canine	All	нн:мм	
			Patient		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Care Teams	Arrived Date	Date provider arrived to respond to Canine	All	MMDDYYYY	
			Patient		Unknown	
					Not Applicable	
					Not Valued	
Clinical	ED: Care Teams	Arrived Time	Time provider arrived to respond to Canine	All	HH:MM	
			Patient		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Vitals	Recorded Date	The date that the canine patient's vitals are	All	MMDDYYYY	
			taken	l	Unknown	
					Not Applicable	
					Not Valued	
				<u> </u>		

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Registry Subtab(s)	Data Element	Variable Description		Value Description/Format	Notes
			Available/	,	
			Began		
Vitals	Recorded Time	The time that the canine patient's vitals are	All	нн:мм	
		taken		Unknown	
Vitals	Weight		All		
		documentation.			
Vitals	Weight Unit	The unit of measure for weight	All		
Vitals	Pain Scale		All		Pain Scale 0-10 scale translates as follows:
		canine patient's pain level			Pain Rated 0 = 0 (No pain)
					Pain Rated 1-3 = 1 (Mild Pain)
					Pain Rated 4-6 = 2 (Moderate Pain)
					Pain Rated 7-9 = 3 (Severe Pain)
					Pain Rated 10 = 4 (Unbearable Pain)
Vitals	Temp	Canine patient's temperature	All	[Range of Values]	
				Unknown	
				Not Applicable	
				Not Valued	
Vitals	Temp Unit	The unit of measure for temperature	All	F - Fahrenheit	Field becomes enabled if Temp is recorded
				C - Celsius	
				Not Valued	
Vitals	Temp Route	The route used to obtain canine patient's	All	Aural	Field becomes enabled if Temp is recorded
		temperature		Rectal	
				Unknown	
				Not Valued	
Vitals	Pulse Rate	The canine patient's UNASSISTED pulse	All	[Range of Values]	
		rate.		Unknown	
				Not Applicable	
				Not Valued	
Vitals	Resp Rate	The canine patient's repiratory rate	All	[Range of Values]	
				Unknown	
				Not Applicable	
				Not Valued	
Vitals	SBP	The canine patient's UNASSISTED systolic	All	[Range of Values]	
		blood pressure reading.		Unknown	
				Not Applicable	
			I	Not Valued	
	Vitals Vitals Vitals Vitals Vitals Vitals Vitals	Vitals Recorded Time Vitals Weight Vitals Weight Unit Vitals Pain Scale Vitals Temp Vitals Temp Unit Vitals Temp Route Vitals Resp Rate	Vitals Recorded Time The time that the canine patient's vitals are taken Vitals Weight Weight of canine upon arrival to facility and captured daily, and/or as available in documentation. Vitals Weight Unit The unit of measure for weight Vitals Pain Scale A numeric value of 0 to 4 indicating the canine patient's pain level Vitals Temp Canine patient's temperature Vitals Temp Unit The unit of measure for temperature Vitals Temp Route The route used to obtain canine patient's temperature Vitals Pulse Rate The canine patient's UNASSISTED pulse rate. Vitals Resp Rate The canine patient's repiratory rate Vitals The canine patient's repiratory rate	Registry Subtab(s) Data Element Variable Description Years Available/Began Vitals Recorded Time The time that the canine patient's vitals are taken All Vitals Weight Weight of canine upon arrival to facility and captured daily, and/or as available in documentation. All Vitals Weight Unit The unit of measure for weight All Vitals Pain Scale A numeric value of 0 to 4 indicating the canine patient's pain level All Vitals Temp Canine patient's temperature All Vitals Temp Unit The unit of measure for temperature All Vitals Temp Route The route used to obtain canine patient's unine patient's unine patient's unine patient's UNASSISTED pulse rate. All Vitals Resp Rate The canine patient's UNASSISTED systolic All Vitals SBP The canine patient's UNASSISTED systolic All	Name

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
negistry rab	negistry aubtab(s)		variable Description	Available/ Began	value Description/Format	Notes
Clinical	Vitals	DBP	The canine patient's UNASSISTED diastolic blood pressure reading.	All	[Range of Values] Unknown Not Applicable Not Valued	
Clinical	Vitals	SpO2	The canine patient's oxygen saturation value.	All	[Range of Values] Unknown Not Applicable Not Valued	
Clinical	Vitals	Capillary Refill Time	The canine patient's capillary refill.	All	<2 >=2 Unknown Not Applicable Not Valued	
Clinical	Vitals	Mental Status	Mental status of canine patient at time vital signs are taken	All	Alert Comatose Depressed Disoriented Hyperactive Quiet Alert Sedated Stupor Unknown Not Applicable Not Valued	
Clinical	Vitals	MGCS - LOC	Modified GCS for canine patients. Level of consciousness at time vital signs are taken	All	6 5 4 3 2 1 Unknown Not Applicable Not Valued	6 = Occasional periods of alertness and responsive to environment 5 = Depression or delirium, capable of responding but response may be inappropriate 4 = Semicomatose, responsive to visual stimuli 3 = Semicomatose, responsive to auditory stimuli 2 = Semicomatose, responsive only to repeated noxious stimuli 1 = Comatose, unresponsive to repeated noxious stimuli Unknown Not Applicable Not Valued

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
	,,		l l l l l l l l l l l l l l l l l l l	Available/		
				Began		
Clinical	Vitals	MGCS - Motor	Modified GCS for canine patients. Motor activity at time vital signs are taken	All	6 5 4 3 2 1 Unknown Not Applicable Not Valued	6 = Normal gait, normal spinal reflexes 5 = Hemiparensis, tetraparesis, or decerebrate rigidity 4 = Recumbent, intermittent extensor rigidity 3 = Recumbent, constant extensor rigidity 2 = Recumbent, constant extensor rigidity with opisthotonos 1 = Recumbent, hypotonia of muscles, depressed or absent spinal reflexes Unknown Not Applicable Not Valued
Clinical	Vitals	MGCS - Brainstem	Modified GCS for canine patients. Brainstem reflexes at time vital signs are taken	All	6 5 4 3 2 1 Unknown Not Applicable Not Valued	6 = Normal Pupillary Light Reflex (PLR) and oculocephalic reflexes 5 = Slow PLR and normal to reduced oculocephalic reflexes 4 = Bilateral unresponsive miosis with normal to reduced oculocephalic reflexes 3 = Pinpoint pupils with reduced to absent oculocephalic reflexes 2 = Unilateral, unresponsive mydriasis with reduced to absent oculocephalic reflexes 1 = Bilateral, unresponsive mydriasis with reduced to absent oculocephalic reflexes Unknown Not Applicable Not Valued
Clinical	Vitals	MGCS - Total	Total MGCS Score at time vital signs taken	All	Range (3-18) Unknown Not Applicable Not Valued	Autocalculated if all subcomponents are valued. If each component is not valued, field will support direct data entry. Good: 15-18 Guarded: 9-14 Grave: 3-8 Unknown Not Applicable Not Valued
Clinical	Labs	Recorded Date	The date that the canine patient's labs taken	All	MMDDYYYY Unknown Not Applicable Not Valued	
Clinical	Labs	Recorded Time	The time that the canine patient's labs taken	All	HH:MM Unknown Not Applicable Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
				Available/		
				Began		
Clinical	Labs	Hematology Drawn	Do labs taken at this recorded date/time	All	Yes	If Yes, will enable other Hematology values to be
			contain hematology results?		No	populated.
					Unknown	For all labs:
					Not Applicable	Unknown= Lab is ordered & completed, but no value
					Not Valued	documented or unable to read
						N/A=Lab is ordered but result is not completed
Clinical	Labs: Hematology	WBC	The canine patient's white blood cell (x	All	[Float/Decimal]	Valued if Hematology = Yes
			10^9 cells/L) count.		Unknown	<i>-</i>
					Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	RBC	The canine patient's red blood cell count	All	[Float/Decimal]	Valued if Hematology = Yes
					Unknown	, , , , , , , , , , , , , , , , , , , ,
					Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	HGB	The canine patient's hemoglobin (g/dL)	All	[Float/Decimal]	Valued if Hematology = Yes
Cca.	242511161114151587		The carmie patients nemograsin (g/ az/	[Unknown	values in memore of the
					Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	HCT	The canine patient's hematocrit (%)	All	[Float/Decimal]	Valued if Hematology = Yes
Cirrical	Labs. Hematology		The culture patient s hematochie (70)	1	Unknown	valued in memorology
					Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	PLT	The canine patient's platelet (x 10^3/ul)	All	[Float/Decimal]	Valued if Hematology = Yes
Cirrical	Labs. Hematology		count	1	Unknown	valued in memoriology
			554		Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	NEUTS	The canine patient's neutrophil absolute	All	[Float/Decimal]	Valued if Hematology = Yes
			values (cells/ul)		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	BANDS	The canine patient's band cell absolute	All	[Float/Decimal]	Valued if Hematology = Yes
Cca.	zassi i i ciliato i og j	57150	values (cells/ul)	[Unknown	values in Hemotology
			values (eelis) al)		Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	LYMPHS	The canine patient's lymphocyte absolute	All	[Float/Decimal]	Valued if Hematology = Yes
Cca.	zassi i i ciliato i og j		values (cells/ul)	[Unknown	values in Hemotology
			ranges (cens, an,		Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	MONOS	The canine patient's monocyte absolute	All	[Float/Decimal]	Valued if Hematology = Yes
	_ass. Hematology		values (cells/ul)	["	Unknown	valued in Heritatology - 163
			12.2.2.3 (00.10) 0.1		Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	EOS	The canine patient's eosinophil absolute	All	[Float/Decimal]	Valued if Hematology = Yes
Carrica	Labs. Hematology		values (cells/ul)	(311)	Unknown	valued if Hematology – 163
			values (cells) all		Not Applicable	
					Not Valued	
				1	ivot valueu	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
Registry Tab	Registry Subtables	Data Lielliellt	Variable Description	Available/	Value Description/Format	Notes
				Began		
Clinical	Labs: Hematology	BASOS		All	[Float/Decimal]	Valued if Hematology = Yes
Cirrical	Labs. Hematology	5/1303	(cells/ul)	,	Unknown	valued if Hematology Tes
			(00.13) 4.1)		Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	MPV	The canine patient's mean platelet volume	ΔΙΙ	[Float/Decimal]	Valued if Hematology = Yes
Cirrical	Labs. Hematology	VIII V	percentage (fl)	/\li	Unknown	valued if Hematology = Tes
			percentage (II)		Not Applicable	
					Not Valued	
Clinical	Labs: Hematology	RETICULOCYTE	The canine patient's reticulocyte absolute	All	[Float/Decimal]	Valued if Hematology = Yes
Cillical	Labs. Hematology	KETICOLOCTTE	values (cells/ul)		Unknown	valued if Hematology = Tes
			values (cells) ul)		Not Applicable	
					Not Valued	
Clinical	Labs	Chemistry Drawn	Do the labs taken at this recorded	All	Yes	If Yes, will enable other Chemistry values to be
	2005	onemistry Brann	date/time contain chemistry results?		No	populated.
			date, time contain enemistry results.		Unknown	For all labs:
					Not Applicable	Unknown= Lab is ordered & completed, but no value
					Not Valued	documented or unable to read
					Troc variaca	N/A=Lab is ordered but result is not completed
ol: · ·		<u>.</u>		A.II	151 . (0 : 1)	·
Clinical	Labs: Chemistry	Na	The canine patient's sodium (mEq/L) value	All	[Float/Decimal]	Valued if Chemistry Drawn =Yes
					Unknown	
					Not Applicable	
ou				A.II	Not Valued	V 1 150 1 1 V
Clinical	Labs: Chemistry	K	1	All	[Float/Decimal]	Valued if Chemistry = Yes
			value		Unknown	
					Not Applicable	
Climinal	Labs: Chemistry	CI	The canine patient's chloride (mEq/L) value	All	Not Valued [Float/Decimal]	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	CI	The canine patient's chloride (meq/L) value	All	Unknown	valued ii Chemistry = Yes
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Ca	The canine patient's calcium (mg/dL) value	ΔΙΙ	[Float/Decimal]	Valued if Chemistry = Yes
Cirricar	Labs. Chemistry	Cu	The cultile patient's calcium (mg/ac/ value	A11	Unknown	valued if elicinistry – res
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	CO2	The canine patient's carbon dioxide	All	[Float/Decimal]	Valued if Chemistry = Yes
	,		(mmol/L) value		Unknown	The state of the s
			(Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Gluc	The canine patient's glucose (mg/dL) value	All	[Float/Decimal]	Valued if Chemistry = Yes
	,		, , , , , , , , , , , , , , , , , , , ,		Unknown	,
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	BUN	The canine patient's blood urea nitrogen	All	[Float/Decimal]	Valued if Chemistry = Yes
	,		(mg/dL) value		Unknown	,
					Not Applicable	
					Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
				Available/ Began		
Clinical	Labs: Chemistry	Crea	The canine patient's creatinine (mg/dL)	All	[Float/Decimal]	Valued if Chemistry = Yes
			value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Albumin	The canine patient's albumin (g/dL) value	All	[Float/Decimal]	Valued if Chemistry = Yes
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Tbili	The canine patient's total bilirubin (mg/dL)	All	[Float/Decimal]	Valued if Chemistry = Yes
			value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Tprotein	The canine patient's total protein (g/dL)	All	[Float/Decimal]	Valued if Chemistry = Yes
			value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	ALT	The canine patient's alanine transaminase	All	[Float/Decimal]	Valued if Chemistry = Yes
			(IU/L) value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	AST	The canine patient's aspartate transaminase	All	[Float/Decimal]	Valued if Chemistry = Yes
			(IU/L) value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	ALP		All	[Float/Decimal]	Valued if Chemistry = Yes
			(mg/dL) value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Lactate	The canine patient's lactate (mmol/L) value	All	[Float/Decimal]	Valued if Chemistry = Yes
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Chemistry	Phosphorus	The canine patient's phosphorus (mg/dL)	All	[Float/Decimal]	Valued if Chemistry = Yes
			value		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs	Coagulation Drawn		All	Yes	If Yes, will enable other Coagulation values to be
			date/time contain coagulation results?		No	populated.
					Unknown	For all labs:
					Not Applicable	Unknown= Lab is ordered & completed, but no value
					Not Valued	documented or unable to read
						N/A=Lab is ordered but result is not completed
Clinical	Labs: Coagulation	PT	The canine patient's prothrombin time level	All	[Float/Decimal]	Valued if Coagulation Drawn =Yes
					Unknown	
					Not Applicable	
					Not Valued	
		1	1	1		

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Registry Tab	Decistary Cubtob/s)	Data Element	Variable Description		Natura Description / Format	Notes
Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
				Available/ Began		
Clinical	Labs: Coagulation	PTT	The canine patient's partial thromboplastin	All	[Float/Decimal]	Valued if Coagulation = Yes
Cirricar	Labs. Coagulation		time level		Unknown	valued if Coagulation = 163
			time level		Not Applicable	
					Not Valued	
Clinical	Labs: Coagulation	INR	The patient's international normalized ratio	٨॥	[Float/Decimal]	Valued if Coagulation = Yes
Cillical	Labs. Coagulation	IINK	level	All	Unknown	valued if Coagulation – res
			level		Not Applicable	
					Not Valued	
Clinical	Labs	VBG Drawn	Was a venous blood gas drawn?	All	Yes	If Yes, will enable other VBG values to be populated.
Cillical	Labs	VDG DIAWII	was a venous blood gas drawin:		No	For all labs:
					Unknown	Unknown= Lab is ordered & completed, but no value
					Not Applicable	documented or unable to read
					Not Valued	
					Not valued	N/A=Lab is ordered but result is not completed
Clinical	Labs: VBG	VBG pH	The canine patient's venous blood gas pH	All	Not Sedated	Valued if VBG Drawn =Yes
			acidity level		Sedated-Behavior/Safety	
			, , , , , , , , , , , , , , , , , , , ,		Sedate-Injury	
					Sedated-Not Further Specified (NFS)	
					Unknown	
					Not Applicable (dead)	
					Not Valued	
Clinical	Labs: VBG	VBG PaO2	The canine patient's venous blood gas PaO2	ΔΙΙ	[Float/Decimal]	Valued if VBG=Yes
Cirrical	Lubs. VDG	VBGTGGZ	level	All	Unknown	Valued II VBG-163
			ieve:		Not Applicable	
					Not Valued	
Clinical	Labs: VBG	VBG PaCO2/PCO2	The canine patient's venous blood gas	All	[Float/Decimal]	Valued if VBG=Yes
Cirrical	Labs. VBG	VBG 1 aCO2/1 CO2	PaCO2 /PCO2 level		Unknown	valued if VBG=Tes
			1 4602/1 602 16061		Not Applicable	
					Not Valued	
Clinical	Labs: VBG	VBG HCO3	The canine patient's venous blood gas	All	[Float/Decimal]	Valued if VBG=Yes
Cirrical	2003. 100	15011003	bicarb level	7.111	Unknown	Valued II VBG TeS
			breat brever		Not Applicable	
					Not Valued	
Clinical	Labs: VBG	VBG BE	The canine patient's venous blood gas base	ΔΙΙ	[Float/Decimal]	Valued if VBG=Yes
	2003. 120	1.50 52	excess level.	["	Unknown	13.350 ii 155 ii 155
			and		Not Applicable	
					Not Valued	
Clinical	Labs	ABG Drawn	Was an arterial blood gas drawn?	All	Yes	If Yes, will enable other ABG values to be populated.
			and an enterior and a gus an armin	I	No	For all labs:
					Unknown	Unknown= Lab is ordered & completed, but no value
					Not Applicable	documented or unable to read
					Not Valued	N/A=Lab is ordered but result is not completed
Clinical	Loho: ADC	ADC mil	The coning notionals extended blood according	All		<u>'</u>
Clinical	Labs: ABG	ABG pH	The canine patient's arterial blood gas pH	All	[Float/Decimal]	Valued if ABG Drawn =Yes
					Unknown	
					Not Applicable	
<u> </u>				I	Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Labs: ABG	ABG PaO2	The canine patient's arterial blood gas PaO2	All	[Float/Decimal] Unknown Not Applicable Not Valued	Valued if ABG=Yes
Clinical	Labs: ABG	ABG PaCO2/PCO2	The canine patient's arterial blood gas PaCO2/PCO2	All	[Float/Decimal] Unknown Not Applicable Not Valued	Valued if ABG=Yes
Clinical	Labs: ABG	ABG HCO3	The canine patient's arterial blood gas bicarb	All	[Float/Decimal] Unknown Not Applicable Not Valued	Valued if ABG=Yes
Clinical	Labs: ABG	ABG BE	The canine patient's arterial blood gase base excess	All	[Float/Decimal] Unknown Not Applicable Not Valued	Valued if ABG=Yes
Clinical	Labs:Cultures	Culture Taken	Did the canine patient have any cultures obtained?	All	Yes No Unknown Not Applicable Not Valued	If Yes, will enable other culture values to be populated. If multiple variable test results are positive, each test is captured separately (even if cutures are done on same test date)
Clinical	Labs:Cultures	Test Date	The date the culture was obtained.	All	[Range of Values] Unknown Not Applicable Not Valued	Valued if Culture Taken=Yes
Clinical	Labs:Cultures	Sample Source	Source where culture was obtained.	All	Blood Left Ear Right Ear Joint Stool Urine Wound Unknown Not Applicable Not Valued	Valued if Culture Taken=Yes Blood added to pick list 8/11/2022, Joint, L and R added 10/24/2022

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
negion y ind	lingion y canada (c)		Turnation Description	Available/	Talled Decempation, Fernand	
				Began		
Clinical	Labs:Cultures	Test Result	Result of Culture	All	Bacillus Clostriduim	Valued if Culture Taken=Yes
					Coagulase-negative staphlyococci	
					Cocci	
					E-Coli	
					Enterococci	
					Klebsiella	
					No Significant Findings (NSF)	
					Other	
					Parasites	
					Pseudomonas aeruginosa	
					Staphylococcus aureus	
					Yeast	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs	Urinalysis Done	Was a urinalysis submitted?	All	Yes	If Yes, will enable other urinalysis values to be populated.
					No	
Clinical	Labs: Urinalysis	USG	The canine patient's urine-specific gravity	All	[Range of Values]	Valued if Urinalysis = Yes
					Unknown	Unknown= Lab is ordered & completed, but no value
					Not Applicable	documented or unable to read
					Not Valued	N/A=Lab is ordered but result is not completed
Clinical	Labs: Urinalysis	Urinalysis pH	The canine patient's urine-pH	All	[Range of Values]	Valued if Urinalysis = Yes
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Urinalysis	Protein	The canine patient's urine protein value	All	1+	Valued if Urinalysis = Yes
					2+	
					3+	
					Negative	
					Trace	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Labs: Urinalysis	Glucose	The canine patient's urine glucose value	All	1+	Valued if Urinalysis = Yes
					2+	
					3+	
					4+	
					Negative	
					Trace	
					Unknown	
					Not Applicable	
					Not Valued	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
,			· ·	Available/	, ,	
				Began		
Clinical	Labs: Urinalysis	Ketones	The canine patient's urine ketones value	All	1+ 2+ 3+ Negative Trace Unknown Not Applicable Not Valued	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Urobilinogen	The canine patient's urine urobilinogen value	All	1+ 2+ 3+ 4+ Negative Unknown Not Applicable Not Valued	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Bilirubin	The canine patient's urine bilirubin value	All	1+ 2+ 3+ Negative Unknown Not Applicable Not Valued	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Blood	The canine patient's urine blood value	All	1+ 2+ 3+ 4+ Negative Unknown Not Applicable Not Valued	Valued if Urinalysis = Yes
Clinical	Procedure	Procedure	Procedures performed at this facility	All	Each Procedure consists of 4 values - Type (broadest category): Cardiovascular, Diagnostic and Therapeutic, etc. Category: i.e., Operations on Cardiovascular System, Miscellaneous Diagnostic and Therapeutic Procedure Subcategory: i.e., incision, excision, and occlusion of vessels, nonoperative removal of foreign body or calculus, etc. Procedure: i.e., Incision of vessels, aorta, removal of foreign body from paw without incision, etc.	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
			Tanada Soon Pilon	Available/	Tarac 2 coarpaon, romac	
				Began		
Clinical	Procedure	Procedure Start Date	The date the procedure started	All	MMDDYYYY	
			·		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Procedure Start Time	The time the procedure started	All	HH:MM	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Procedure Stop Date	The date the procedure ended	All	MMDDYYYY	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Procedure Stop Time	The time the procedure ended	All	HH:MM	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Anesthesia	Indicates if the canine patient received	All	Yes	
			general anesthesia during the procedure.		No	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Anesthesia Start Date	The date the general anesthesia started	All	MMDDYYYY	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Anesthesia Start Time	The time the general anesthesia started	All	HH:MM	
					Unknown	
					Not Applicable	
Clining	D d	A Ib 's Cl D . I .	The deleted of the second of t	• 11	Not Valued	
Clinical	Procedure	Anestnesia Stop Date	The date the general anesthesia stopped	All	MMDDYYYY Unknown	
					Not Applicable Not Valued	
Clinical	Procedure	Anesthesia Stop Time	The time the general anesthesia stopped	All	HH:MM	
Cillical	Frocedure	Anestnesia stop Time	The time the general allestnesia stopped	All	Unknown	
					Not Applicable	
					Not Valued	
Clinical	Procedure	Procedure Time	The time the procedure started	All	HH:MM	†
			The time the procedure started	["	Unknown	
					Not Applicable	
					Not Valued	
Clinical	Medication	Medication	Medication/Resuscitation Products	All	Complete field menu can be provided as	
			administered to canine patient at facility		requested.	
			(VTF)		·	
	-	1	<u>, , , , , , , , , , , , , , , , , , , </u>	1	1	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
Registry rab	Registry Subtab(s)	Data Element	Variable Description	Available/	Value Description/Format	Notes
				Began		
Clinical	Medication	Medication Date	The date Medication/Resuscitation Product		MMDDYYYY	
Cirrical	Wicarcación	Wedication Bate	administered at facility (VTF)	,	Unknown	
					Not Applicable	
					Not Valued	
Clinical	Medication	Medication Time	The time Medication/Resuscitation Product	All	HH:MM	
			administered at facility (VTF)		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Medication	Dose	Medication/Resuscitation Product dose	All	Medication Dose = [Range of Values]	
			administered		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Medication	Unit	Medication/Resuscitation Product unit	All	Gm	
					Gtts	
					L	
					Mcg	
					Mg	
					MI	
					Units	
					Vials	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Medication	Route	Route by which the	All	Collar	
Cirrical	Wicalcation	Route	Medication/Resuscitation Product is	All	Conjunctival	
			documented as administered		Endotracheal	
			documented as dammistered		Epidural	
					IM	
					Inhalent	
					Intranasal	
					Intrathecal	
					10	
					IV	
					Ophthalmic	
					Oral	
					Otic	
					Rectal	
					Subcutaenous	
					Topical	
					Transdermal	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
			1	<u> </u>	l	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
Registry rab	Registry Subtablish	Data Liement	variable bescription	Available/	value Description/Format	inotes
				Began		
Clinical	Discharge	Discharge Status	Was the canine patient dead or alive on	All	Alive	A 'Dead' response enables the If Death/Cause of Death
			discharge from the facility?		Dead	data fields.
			,		Unknown	
					Not Applicable	
					Not Valued	
Clinical	Discharge	Discharge Date	The date the canine patient is discharged	All	MMDDYYYY	
			(alive) from the facility or date of the		Unknown	
			canine patient's death		Not Applicable	
			· ·		Not Valued	
Clinical	Discharge	Discharge Time	The time the canine patient is discharged	All	HH:MM	
			(alive) from the facility or date of the		Unknown	
			canine patient's death		Not Applicable	
					Not Valued	
Clinical	Discharge	Discharge To	Disposition of the canine patient	All	Died - Postmortem Examination Delayed	
					Died - Postmortem Examination Immediate	
					Died - Postmortem Examination Not	
					Performed	
					Discharged to Hander/Unit Deployment	
					Category 1	
					Discharged to Hander/Unit Deployment	
					Category 2	
					Discharged to Hander/Unit Deployment	
					Category 3	
					Discharged to Hander/Unit Deployment	
					Category 4	
					Euthanized - Postmortem Examination	
					Not Performed	
					Euthanized - Postmortem Examination	
					Delayed	
					Euthanized - Postmortem Examination	
					Immediate	
					Isolation/Quarantine	
					Transferred to Civilian Veterinary	
					Facility	
					Transferred to DODMWDVS	
					Transferred to VETAC	
					Transferred to VETCEN	
					Transferred to VMCE	
					Transferred to VTF	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Discharge -	Discharge Facility	The facility and ID to which the canine	All	Code values and descriptions available only	Available if Discharge Status = Alive and Discharge To =
	Transferred (Alive)		patient was transferred		upon special approval.	Transfer
		1				

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes	
Clinical	Discharge - Transferred (Alive)	Evac Mode	Mode of transport for canine patient leaving facility (VTF)	All	Ambulatory Non-Ambulatory Unknown Not Applicable Not Valued	Available if Discharge Status = Alive and Discharge To = Transfer	
Clinical	Discharge	Sedated on Discharge	Sedation status at time of departure from facility.	8/8/2022	Not Sedated Sedated-Behavior/Safety Sedate-Injury Sedated-Not Further Specified (NFS) Unknown Not Applicable (dead) Not Valued	Available if Discharge Status = Alive and Discharge To = Transfer	
Clinical	Discharge - Transferred (Alive)	Transport Platform	Vehicle platform used to transport canine patient	All	Air Land Sea Unknown Not Applicable Not Valued	Available if Discharge Status = Alive and Discharge To = Transfer	
Clinical	Discharge - Transferred (Alive)	Evac Transport Team		All	ACUTE LUNG RESCUE TEAM AE - Aeromedical Evacuation BURN TEAM CASEVAC - Casualty Evacuation CCAST - Critical Care Air Support Team CCATT - Critical Care Air Transport Team CIVILIAN FEVER MEDEVAC/DUSTOFF BLOOD CAPABLE MEDEVAC/DUSTOFF STANDARD MERT - Medical Emergency Response Team (UK) NICU TRANSPORT PEDRO - USAF Para Rescue Jumpers (PJ) TCCET-Tactical Critical Care Evaculation Team OTHER Unknown Not Applicable Not Valued	Available if Discharge Status = Alive and Discharge To = Transfer	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes
riegion y raiz			- Lancasco - Cooling and a	Available/	Talled Decemption, Francis	
				Began		
Clinical	Discharge - Dead	Cause of Death		All	Anatomic - Abdomen	Applicable only when Discharge Status=Dead
					Anatomic - Airway	
					Anatomic - Chest	Multiple values can be selected in any particular order.
					Anatomic - Head	
					Anatomic - Left Front	
					Anatomic - Left Rear	
					Anatomic - Neck	
					Anatomic - Pelvis	
					Anatomic - Right Front	
					Anatomic - Right Rear	
					Physiologic - Breathing	
					Physiologic - CNS	
					Physiologic - Heart Failure	
					Physiologic - Hemorrhage	
					Physiologic - MOF	
					Physiologic - Sepsis	
					Physiologic - TBD	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Discharge - Dead	Death Information -	Was canine patient euthanized?	All	Yes	Applicable only when Discharge Status=Dead
		Euthanized			No	
					Other	
					Unknown	
					Not Applicable	
					Not Valued	
Clinical	Discharge - Dead	Death Information -	Was a postmortem exam conducted on	All	Yes	Applicable only when Discharge Status=Dead
		Post-Mortem Exam	canine patient following death?		No	
					Other	
Clinical	Discharge - Dead	Death Information -	The date of the postmortem exam	All	MMDDYYYY	Applicable only when Discharge Status=Dead and Post
		Post-Mortem Date			Unknown	Mortem Exam=Yes
					Not Applicable	
					Not Valued	
Clinical	Discharge - Dead	Death Information -	The time of the postmortem exam	All	HH:MM	Applicable only when Discharge Status=Dead and Post
		Post-Mortem Time			Unknown	Mortem Exam=Yes
					Not Applicable	
					Not Valued	
Clinical	Discharge - Dead	Pathology Report	Was a pathology report available following	All	Yes	Applicable only when Discharge Status=Dead
			canine patient death?		No	
Clinian	D'arter a Control	IDC	No. 1	A !!	Other	A call call to a Birch City C
Clinical	Discharge - Dead	JPC		All	Yes	Applicable only when Discharge Status=Dead
			Joint Pathology Center (JPC)?		No	
					Other	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years	Value Description/Format	Notes		
				Available/				
				Began				
Clinical	Discharge - Dead	Death Certificate -	Date of Death documented on Death	All	MMDDYYYY	Applicable only when Discharge Status=Dead		
		Date of Death	Certificate		Unknown			
					Not Applicable			
					Not Valued			
Clinical	Discharge - Dead	Death Certificate -	Provider who signed Death Certificate	All	[Range of Values] Free Text	Applicable only when Discharge Status=Dead		
		Provider Name						
Clinical	Discharge - Dead	Death Certificate -	Date Death Certificate signed	All	MMDDYYYY	Applicable only when Discharge Status=Dead		
		Date of Signature			Unknown			
					Not Applicable			
					Not Valued			