



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. LPMC (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

Include any injury or disease of any canine casualty Military Working Dog (MWD), to include contract, NATO, Host Nation, etc., that occurs WITHIN a contingency operation; treated at a Role 1 or higher Veterinary/Medical Treatment Facility (VTF/MTF) within 72 hours of injury/incident onset (time rule applies to initial facility seen within the continuum of care) that meets one of the following conditions:

- a. Abstract each treatment encounter/hospitalization at \geq Role 1 facilities.
- b. Without extending past 6 months following Date of Injury, continue to capture each episodic record designating on-going care for injury

or disease until issue is resolved. This includes VTF/MTF's care locations inside and outside of the contingency operation; to include Special Operation Missions.

- c. Deaths processed (record generated) at Role 1 or higher facility including:
 - i. Killed in Action (KIA)
 - ii. Dead on Arrival (DOA)
 - iii. Died of Wounds (DOW)
 - iv. Died of Disease

Exclusion Criteria

Canine Patients excluded in the MWD Trauma Registry

Exclude the following canines from capture in the MWD Registry:

1. All Secret Service missions.
2. MWD who sustains injuries or diseases outside of a contingency operation and does not receive treatment within a contingency operation. Examples: MVC in Germany, Penetrating laceration that occurs at Lackland AFB in San Antonio, TX, a training incident in CONUS/OCONUS, etc.

3. Previous Incident encounters for Pre-existing condition(s), regardless of impact on current disease during deployment, will not be included in the Trauma Registry.

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.

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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
Clinical: Labs: Cultures: Sample Source	Added "Other" to picklist

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Demographics	Demographics	WDMS Control Number	Working Dog Management System (WDMS) Control Number.	All	[Relevant Value for Field] Unknown	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	
Demographics	Demographics	Whelp Date	The canine patient's whelp date (date of birth)	All	MMDDYYYY Unknown	
Demographics	Demographics	Tattoo	Number placed on underside of left ear to indicate dog accepted as DoD Government property	All	[Relevant Value for Field] Unknown	
Demographics	Demographics	MicroChip	Microchip number implanted into canine patient	All	[Relevant Value for Field] Unknown	
Demographics	Demographics	Gender	Gender (Sex) of canine patient	All	Female Male Unknown	
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	
Demographics	Demographics	Blood DEA	Canine Patient positive or negative for Canine DEA 1.1	All	Negative Positive Unknown	
Incident	Deployment Status	Pseudo SSN	Social Security Number assigned to canine patient by Medical Treatment Facility (MTF).	All	[Relevant Value for Field] Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
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 Detector Dog - Enhanced (P/EDD-E) Patrol/Explosive Detector Dog (P/EDD) Patrol/Narcotic Specialized Search Dog (SSD) Untrained Other Unknown	
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 United States.
Incident	Deployment Status	Patient Category	Source organization which provided canine patient	All	Contractor MWD NATO - Coalition MWD NATO - Non-Coalition MWD OGA - Other Government Agency US Army MWD US Air Force MWD US Coast Guard MWD US Marine Corps MWD US Navy MWD US Space Force MWD Other Unknown	
Incident	Deployment Status	Unit	The unit to which the canine patient was assigned	All	[Range of values] (Free text field)	
Incident	Deployment Status	Spayed/ Neutered	Canine spayed/neutered at time of injury/illness event.	All	Yes No Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Incident	Incident	CCMD	Combatant Command - Canine patient's command location at the time of injury	All	AFRICOM CENTCOM EUCOM INDOPACOM NORTHCOM PACOM SOUTHCOM Unknown	
Incident	Incident	Incident Country	The country where the injury/incident occurred	All	Complete field menu can be provided as requested.	If injured at sea (on ship), country = N/A
Incident	Incident	Injury Date	Date injury occurred	All	MMDDYYYY Unknown	
Incident	Incident	Injury Time	Time injury occurred	All	HH:MM Unknown	
Incident	Incident	Injury Timezone	Timezone of injury location	All	[Relevant Value for Field] Unknown	
Incident	Incident	Age	Age (years) of canine patient at the time of the injury	All	[Range of Values] Unknown	Disables and Auto-populates when valid Whelp date and Date of Injury are Entered. If Date of Injury and/or Whelp date are not populated, the field will remain editable for direct data entry.
Incident	Incident	Injury Classification	Indicates whether the incident is related to a battle or non battle related injury.	All	Battle Injury Disease, Non-Battle Injury Non-Battle Injury Unknown	If documentation does not clearly delineate 'Battle' vs 'Non-Battle', consider the injury to be 'Non-Battle'.
Incident	Incident	Handler Name	Name of canine patient's primary handler	All	Last Name, First Name Unknown	Captured as Last Name, First Name if available

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Incident	Injury/Illness Details	Mechanisms	The cause of the injury	All	Aerial Bomb Altercation/Fight Altered ROM Animal Bite/Mauling Asphyxia/Suffocation Biological Blunt Object Building Collapse Bullet/GSW/Firearm Burn NFS Chemical Crush EFP - Explosively Formed Projectile Electrical Envenomation 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 Pedestrian/Hit-by-Car Plane Crash Radiological RPG Submersion/Drowning UXO - impaled by ordnance w/o detonation Other Unknown	There can be up to five Mechanisms of injury and are not recorded in any particular order
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 Available/ Began	Value Description/Format	Notes
Incident	Injury Details	Injury Types	Type of injury to canine patient	All	Behavioral Blunt Burn Medical Penetrating Other Unknown	There can be up to three types of injury and are not recorded in any particular order
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	Other - enter when PPE worn is not available in list of options
Incident	Diagnosis	Diagnosis Date	Date diagnosis intially identified	All	MMDDYYYY Unknown	
Incident	Diagnosis	Diagnosis Time	Time diagnosis initially identified	All	HH:MM Unknown	
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	
Incident	Pre-Existing Conditions	Condition Date	Date pre-existing condition intially identified		MMDDYYYY Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Incident	Pre-Existing Conditions	Description	Pre-existing Injury/Incident/Illness	All	Each Dx consists of 3 values - Body System (broadest category): cardiovascular, 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	
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	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	[Range of Values]
Clinical	Arrival Transport: Providers	Care Location	Provider location of care for arrival transport record.	All	Point of Injury (POI) Transport Unknown	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 Available/ Began	Value Description/Format	Notes
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	Applicable only when Care Location=Transport
Clinical	Arrival Transport: Providers	Evac Category	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)	All	A - Urgent B - Priority C - Routine Unknown Not Applicable	
Clinical	Arrival Transport: Providers	Documentation Available	Capture available documentation from Care Location (POI, Transport, Role 1) to support Record Abstraction	All	K9 TCCC (DD3073) NONE Other Medical Documentation Unknown Not Applicable	
Clinical	Arrival Transport: Providers - Staff	Provider Name	Last Name, First Name of POI, Role 1, or Transport Provider.	All	[Range of values] (Free text field)	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Arrival Transport: Providers - Staff	Provider Role	Service of POI, Role 1, or Transport Provider	All	Animal Care Specialist 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	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Arrival Transport: Providers - Staff	Provider Rank	Rank of Service of POI, Role 1, or Transport Provider	All	E1 E2 E3 E4 E5 E6 E7 E8 E9 W1 W2 W3 W4 W5 O1 O2 O3 O4 O5 O6 O7 O8 O9 O10 CD Civilian Coalition Combatant Unknown	
Clinical	Arrival Transport: Procedure	Care Location	Identifies location where patient received care at point of injury or during transport.	All	Point of Injury (POI) Transport Missing	POI (care provided by individual, i.e. handler, medic, etc. prior to R1) Transport (care provided in transport)

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Arrival Transport: Procedure	Procedure	Procedures performed at the scene/point of injury (POI) or during transport	All	Airway - Cricothyrotomy (CTT) 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 - 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	
Clinical	Arrival Transport: Vitals	Care Location	Identifies location where vitals were taken at point of injury or during transport.	All	Point of Injury (POI) Transport Missing	POI (care provided by individual, i.e. handler, medic, etc. prior to R1) Transport (care provided in transport)
Clinical	Arrival Transport: Vitals	Recorded Date	The date that the canine patient's vitals are taken.	All	MMDDYYYY Unknown	
Clinical	Arrival Transport: Vitals	Recorded Time	The time that the canine patient's vitals are taken.	All	HH:MM Unknown	
Clinical	Arrival Transport: Vitals	Temp	Canine patient's temperature	All	[Range of Values] Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Arrival Transport: Vitals	Temp Unit	The unit of measure for temperature	All	F - Fahrenheit C - Celsius Unknown	Field becomes enabled if Temp is recorded
Clinical	Arrival Transport: Vitals	Temp Route	The route used to obtain canine patient's temperature	All	Aural Rectal Unknown	Field becomes enabled if Temp is recorded
Clinical	Arrival Transport: Vitals	Pain Scale	A numeric value of 0 to 4 indicating the canine patient's pain level.	All	[Range of Values] Unknown	Pain Scale 0-10 scale translates as follows: 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)
Clinical	Arrival Transport: Vitals	Pulse Rate	The canine patient's UNASSISTED pulse rate.	All	[Range of Values] Unknown	
Clinical	Arrival Transport: Vitals	Resp Rate	The canine patient's respiratory rate	All	[Range of Values] Unknown	
Clinical	Arrival Transport: Vitals	SBP	The canine patient's UNASSISTED systolic blood pressure reading.	All	[Range of Values] Unknown	
Clinical	Arrival Transport: Vitals	DBP	The canine patient's UNASSISTED diastolic blood pressure reading.	All	[Range of Values] Unknown	
Clinical	Arrival Transport: Vitals	SpO2	The canine patient's oxygen saturation value.	All	[Range of Values] Unknown	
Clinical	Arrival Transport: Vitals	Capillary Refill Time	The canine patient's capillary refill time.	All	<2 >=2 Unknown	
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 Missing	POI (care provided by individual, i.e. handler, medic, etc. prior to R1) Transport (care provided in transport)

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
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 (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% Hetastarch includes Voluven, Hydroxyethyl starch (HES).
Clinical	Arrival Transport: Medications	Medication Date	Date the Medication/Resuscitation Product was administered	All	MMDDYYYY Unknown	
Clinical	Arrival Transport: Medications	Medication Time	Time the Medication/Resuscitation Product was administered	All	HH:MM Unknown	
Clinical	Arrival Transport: Medications	Dose	Medication/Resuscitation Product dose administered	All	[Range of values] Unknown	
Clinical	Arrival Transport: Medications	Unit	Medication/Resuscitation Product unit	All	Gm Gtts L Mcg Mg MI Units Vials Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Arrival Transport: Medications	Route	Route by which the Medication/Resuscitation Product was administered.	All	Collar Conjunctival Endotracheal IM Inhalent Intranasal Intrathecal IO IV Ophthalmic Oral Otic Rectal Subcutaneous Topical Transdermal Other Unknown	
Clinical	ED: Facility Arrival	Transfer Patient	Was the canine patient transferred from another medical facility (R1 or higher)?	All	Yes No Unknown	
Clinical	ED: Facility Arrival	Referring Facility	The facility from which the canine patient was transferred	All	Code values and descriptions available only upon special approval.	
Clinical	ED: Facility Arrival	Triage Category	The triage level the patient was assigned upon arrival	All	Delayed Expectant Immediate (Urgent) Minimal (Routine) Unknown	
Clinical	ED: Facility Arrival	Facility	Facility ID and Name for which the trauma record is created	All	Code values and descriptions available only upon special approval.	
Clinical	ED: Facility Arrival	ED Timezone	Documented Time Zone used at facility	All	[Relevant Value for Field] Unknown	
Clinical	ED: Facility Arrival	Arrival Date	The date the canine patient arrived at the facility	All	MMDDYYYY Unknown	
Clinical	ED: Facility Arrival	Arrival Time	The time the canine patient arrived at the facility	All	HH:MM Unknown	
Clinical	ED: Facility Arrival	Arrival Timezone	Documented Time Zone used at facility.	All	[Relevant Value for Field] Unknown	
Clinical	ED: Facility Arrival	K9 TRR Captured (DD3074)	K9 TRR Form (DD3074) captured and available in source documentation	All	Yes No Unknown	
Clinical	ED: Facility Arrival	ED Disposition Date	The date the canine patient discharged.	All	MMDDYYYY Unknown	
Clinical	ED: Facility Arrival	ED Disposition Time	The time the canine patient discharged.	All	HH:MM Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	ED: Facility Arrival	Post ED Disposition	Department/location to which the canine patient was transferred	All	Discharged ICU ICW OR Unknown	
Clinical	ED: Safety	Muzzle	Muzzle applied in ED to Canine Patient	All	Yes No Unknown N/A	
Clinical	ED: Safety	Handler Present	Handler present in ED with Canine Patient	All	Yes No Unknown N/A	
Clinical	ED: Safety	Sedated	Canine patient sedated in ED	All	Yes No Unknown N/A	
Clinical	ED: Care Teams	Service	Service of Trauma Team Provider	All	Animal Care Specialist Anesthesiology Consult (Germany) ED Physician Lab/Blood Bank Pharmacy Radiology Respiratory Therapy Trauma Surgeon Veterinarian Unknown	
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 Patient	All	MMDDYYYY Unknown	
Clinical	ED: Care Teams	Called Time	Time provider called to respond to Canine Patient	All	HH:MM Unknown	
Clinical	ED: Care Teams	Arrived Date	Date provider arrived to respond to Canine Patient	All	MMDDYYYY Unknown	
Clinical	ED: Care Teams	Arrived Time	Time provider arrived to respond to Canine Patient	All	HH:MM Unknown	
Clinical	Vitals	Recorded Date	The date that the canine patient's vitals are taken	All	MMDDYYYY Unknown	
Clinical	Vitals	Recorded Time	The time that the canine patient's vitals are taken	All	HH:MM Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Vitals	Weight	Weight of canine upon arrival to facility and captured daily, and/or as available in documentation.	All	[Range of Values] Unknown	
Clinical	Vitals	Weight Unit	The unit of measure for weight	All	Kgs Lbs Unknown	
Clinical	Vitals	Pain Scale	A numeric value of 0 to 4 indicating the canine patient's pain level	All	[Range of Values] Unknown	Pain Scale 0-10 scale translates as follows: 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)
Clinical	Vitals	Temp	Canine patient's temperature	All	[Range of Values] Unknown	
Clinical	Vitals	Temp Unit	The unit of measure for temperature	All	F - Fahrenheit C - Celsius Unknown	Field becomes enabled if Temp is recorded
Clinical	Vitals	Temp Route	The route used to obtain canine patient's temperature	All	Aural Rectal Unknown	Field becomes enabled if Temp is recorded
Clinical	Vitals	Pulse Rate	The canine patient's UNASSISTED pulse rate.	All	[Range of Values] Unknown	
Clinical	Vitals	Resp Rate	The canine patient's respiratory rate	All	[Range of Values] Unknown	
Clinical	Vitals	SBP	The canine patient's UNASSISTED systolic blood pressure reading.	All	[Range of Values] Unknown	
Clinical	Vitals	DBP	The canine patient's UNASSISTED diastolic blood pressure reading.	All	[Range of Values] Unknown	
Clinical	Vitals	SpO2	The canine patient's oxygen saturation value.	All	[Range of Values] Unknown	
Clinical	Vitals	Capillary Refill Time	The canine patient's capillary refill.	All	<2 >=2 Unknown	
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	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
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	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
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	6 = Normal gait, normal spinal reflexes 5 = Hemiparesis, 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
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	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
Clinical	Vitals	MGCS - Total	Total MGCS Score at time vital signs taken	All	Range (3-18)	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
Clinical	Labs	Recorded Date	The date that the canine patient's labs taken	All	MMDDYYYY	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Labs	Recorded Time	The time that the canine patient's labs taken	All	HH:MM	
Clinical	Labs	Hematology Drawn	Do labs taken at this recorded date/time contain hematology results?	All	Yes No Unknown	If Yes, will enable other Hematology values to be populated. For all labs: Unknown= Lab is ordered & completed, but no value 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 10 ⁹ cells/L) count.	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	RBC	The canine patient's red blood cell count	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	HGB	The canine patient's hemoglobin (g/dL)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	HCT	The canine patient's hematocrit (%)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	PLT	The canine patient's platelet (x 10 ³ /ul) count	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	NEUTS	The canine patient's neutrophil absolute values (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	BANDS	The canine patient's band cell absolute values (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	LYMPHS	The canine patient's lymphocyte absolute values (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	MONOS	The canine patient's monocyte absolute values (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	EOS	The canine patient's eosinophil absolute values (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	BASOS	The canine patient's basophil percentage (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	MPV	The canine patient's mean platelet volume percentage (fl)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes
Clinical	Labs: Hematology	RETICULOCYTE	The canine patient's reticulocyte absolute values (cells/ul)	All	[Float/Decimal] Unknown Not Applicable	Valued if Hematology = Yes

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Labs	Chemistry Drawn	Do the labs taken at this recorded date/time contain chemistry results?	All	Yes No Unknown	If Yes, will enable other Chemistry values to be populated. For all labs: Unknown= Lab is ordered & completed, but no value documented or unable to read N/A=Lab is ordered but result is not completed
Clinical	Labs: Chemistry	Na	The canine patient's sodium (mEq/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry Drawn =Yes
Clinical	Labs: Chemistry	K	The canine patient's potassium (mmol/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Cl	The canine patient's chloride (mEq/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Ca	The canine patient's calcium (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	CO2	The canine patient's carbon dioxide (mmol/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Gluc	The canine patient's glucose (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	BUN	The canine patient's blood urea nitrogen (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Crea	The canine patient's creatinine (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Albumin	The canine patient's albumin (g/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Tbili	The canine patient's total bilirubin (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Tprotein	The canine patient's total protein (g/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	ALT	The canine patient's alanine transaminase (IU/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	AST	The canine patient's aspartate transaminase (IU/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Labs: Chemistry	ALP	The canine patient's alkaline phosphatase (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Lactate	The canine patient's lactate (mmol/L) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs: Chemistry	Phosphorus	The canine patient's phosphorus (mg/dL) value	All	[Float/Decimal] Unknown Not Applicable	Valued if Chemistry = Yes
Clinical	Labs	Coagulation Drawn	Do the labs taken at this recorded date/time contain coagulation results?	All	Yes No Unknown Not Applicable	If Yes, will enable other Coagulation values to be populated. For all labs: Unknown= Lab is ordered & completed, but no value 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] Unknown Not Applicable	Valued if Coagulation Drawn =Yes
Clinical	Labs: Coagulation	PTT	The canine patient's partial thromboplastin time level	All	[Float/Decimal] Unknown Not Applicable	Valued if Coagulation = Yes
Clinical	Labs: Coagulation	INR	The patient's international normalized ratio level	All	[Float/Decimal] Unknown Not Applicable	Valued if Coagulation = Yes
Clinical	Labs	VBG Drawn	Was a venous blood gas drawn?	All	Yes No Unknown	If Yes, will enable other VBG values to be populated. For all labs: Unknown= Lab is ordered & completed, but no value documented or unable to read N/A=Lab is ordered but result is not completed
Clinical	Labs: VBG	VBG pH	The canine patient's venous blood gas pH acidity level	All	Not Sedated Sedated-Behavior/Safety Sedate-Injury Sedated-Not Further Specified (NFS) Unknown Not Applicable (dead)	Valued if VBG Drawn =Yes
Clinical	Labs: VBG	VBG PaO2	The canine patient's venous blood gas PaO2 level	All	[Float/Decimal] Unknown Not Applicable	Valued if VBG=Yes
Clinical	Labs: VBG	VBG PaCO2/PCO2	The canine patient's venous blood gas PaCO2 /PCO2 level	All	[Float/Decimal] Unknown Not Applicable	Valued if VBG=Yes
Clinical	Labs: VBG	VBG HCO3	The canine patient's venous blood gas bicarb level	All	[Float/Decimal] Unknown Not Applicable	Valued if VBG=Yes

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Labs: VBG	VBG BE	The canine patient's venous blood gas base excess level.	All	[Float/Decimal] Unknown Not Applicable	Valued if VBG=Yes
Clinical	Labs	ABG Drawn	Was an arterial blood gas drawn?	All	Yes No Unknown	If Yes, will enable other ABG values to be populated. For all labs: Unknown= Lab is ordered & completed, but no value documented or unable to read N/A=Lab is ordered but result is not completed
Clinical	Labs: ABG	ABG pH	The canine patient's arterial blood gas pH	All	[Float/Decimal] Unknown Not Applicable	Valued if ABG Drawn =Yes
Clinical	Labs: ABG	ABG PaO2	The canine patient's arterial blood gas PaO2	All	[Float/Decimal] Unknown Not Applicable	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	Valued if ABG=Yes
Clinical	Labs: ABG	ABG HCO3	The canine patient's arterial blood gas bicarb	All	[Float/Decimal] Unknown Not Applicable	Valued if ABG=Yes
Clinical	Labs: ABG	ABG BE	The canine patient's arterial blood gase base excess	All	[Float/Decimal] Unknown Not Applicable	Valued if ABG=Yes
Clinical	Labs:Cultures	Culture Taken	Did the canine patient have any cultures obtained?	All	Yes No	If Yes, will enable other culture values to be populated.
Clinical	Labs:Cultures	Test Date	The date the culture was obtained.	All	[Range of Values] Unknown	Valued if Culture Taken=Yes If multiple variable test results are positive, each test is captured separately (even if cultures are done on same test date)
Clinical	Labs:Cultures	Sample Source	Source where culture was obtained.	All	Blood Left Ear Right Ear Joint Stool Urine Wound Unknown Other	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 Available/ Began	Value Description/Format	Notes
Clinical	Labs:Cultures	Test Result	Result of Culture	All	Bacillus Clostridium Coagulase-negative staphylococci Cocci E-Coli Enterococci Klebsiella No Significant Findings (NSF) Other Parasites Pseudomonas aeruginosa Staphylococcus aureus Yeast ?, Unknown /, Not Applicable	Valued if Culture Taken=Yes Unknown= Lab is ordered & completed, but no value documented or unable to read N/A=Lab is ordered but result is not completed
Clinical	Labs	Urinalysis Done	Was a urinalysis submitted?	All	Yes No	If Yes, will enable other urinalysis values to be populated.
Clinical	Labs: Urinalysis	USG	The canine patient's urine-specific gravity	All	[Range of Values] Unknown	Valued if Urinalysis = Yes Unknown= Lab is ordered & completed, but no value documented or unable to read 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] Unknown	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Protein	The canine patient's urine protein value	All	1+ 2+ 3+ Negative Trace Unknown	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Glucose	The canine patient's urine glucose value	All	1+ 2+ 3+ 4+ Negative Trace Unknown	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Ketones	The canine patient's urine ketones value	All	1+ 2+ 3+ Negative Trace Unknown	Valued if Urinalysis = Yes

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Labs: Urinalysis	Urobilinogen	The canine patient's urine urobilinogen value	All	1+ 2+ 3+ 4+ Negative Unknown	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Bilirubin	The canine patient's urine bilirubin value	All	1+ 2+ 3+ Negative Unknown	Valued if Urinalysis = Yes
Clinical	Labs: Urinalysis	Blood	The canine patient's urine blood value	All	1+ 2+ 3+ 4+ Negative Unknown	Valued if Urinalysis = Yes
Clinical	Procedure	Procedure	Procedures performed at this facility	All	Coded menu grouped by: Type Category Sub Category Procedure	
Clinical	Procedure	Procedure Start Date	The date the procedure started	All	MMDDYYYY Unknown	
Clinical	Procedure	Procedure Start Time	The time the procedure started	All	HH:MM Unknown	
Clinical	Procedure	Procedure Stop Date	The date the procedure ended	All	MMDDYYYY Unknown	
Clinical	Procedure	Procedure Stop Time	The time the procedure ended	All	HH:MM Unknown	
Clinical	Procedure	Anesthesia	Indicates if the canine patient received general anesthesia during the procedure.	All	Yes No Unknown	
Clinical	Procedure	Anesthesia Start Date	The date the general anesthesia started	All	MMDDYYYY Unknown	
Clinical	Procedure	Anesthesia Start Time	The time the general anesthesia started	All	HH:MM Unknown	
Clinical	Procedure	Anesthesia Stop Date	The date the general anesthesia stopped	All	MMDDYYYY Unknown	
Clinical	Procedure	Anesthesia Stop Time	The time the general anesthesia stopped	All	HH:MM Unknown	
Clinical	Procedure	Procedure Time	The time the procedure started	All	HH:MM Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Medication	Medication	Medication/Resuscitation Products administered to canine patient at facility (VTF)	All	Complete field menu can be provided as requested.	
Clinical	Medication	Medication Date	The date Medication/Resuscitation Product administered at facility (VTF)	All	MMDDYYYY Unknown	
Clinical	Medication	Medication Time	The time Medication/Resuscitation Product administered at facility (VTF)	All	HH:MM Unknown	
Clinical	Medication	Dose	Medication/Resuscitation Product dose administered	All	Medication Dose = [Range of Values] Unknown	
Clinical	Medication	Unit	Medication/Resuscitation Product unit	All	Gm Gtts L Mcg Mg Ml Units Vials Unknown	
Clinical	Medication	Route	Route by which the Medication/Resuscitation Product is documented as administered	All	Collar Conjunctival Endotracheal Epidural IM Inhalent Intranasal Intrathecal IO IV Ophthalmic Oral Otic Rectal Subcutaneous Topical Transdermal Other Unknown	
Clinical	Discharge	Discharge Status	Was the canine patient dead or alive on discharge from the facility?	All	Alive Dead Unknown	A 'Dead' response enables the If Death/Cause of Death data fields.
Clinical	Discharge	Discharge Date	The date the canine patient is discharged (alive) from the facility or date of the canine patient's death	All	MMDDYYYY Unknown	

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Discharge	Discharge Time	The time the canine patient is discharged (alive) from the facility or date of the canine patient's death	All	HH:MM Unknown	
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 Handler/Unit Deployment Category 1 Discharged to Handler/Unit Deployment Category 2 Discharged to Handler/Unit Deployment Category 3 Discharged to Handler/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	
Clinical	Discharge - Transferred (Alive)	Discharge Facility	The facility and ID to which the canine patient was transferred	All	Code values and descriptions available only upon special approval.	Available if Discharge Status = Alive and Discharge To = Transferred
Clinical	Discharge - Transferred (Alive)	Evac Mode	Mode of transport for canine patient leaving facility (VTF)	All	Ambulatory Non-Ambulatory Unknown	Available if Discharge Status = Alive and Discharge To = Transfer

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
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)	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	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 Evacuation Team OTHER Unknown	Available if Discharge Status = Alive and Discharge To = Transfer

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Registry Tab	Registry Subtab(s)	Data Element	Variable Description	Years Available/ Began	Value Description/Format	Notes
Clinical	Discharge - Dead	Cause of Death		All	Anatomic - Abdomen Anatomic - Airway Anatomic - Chest 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	Applicable only when Discharge Status=Dead Multiple values can be selected in any particular order.
Clinical	Discharge - Dead	Death Information - Euthanized	Was canine patient euthanized?	All	Yes No Other Unknown	Applicable only when Discharge Status=Dead
Clinical	Discharge - Dead	Death Information - Post-Mortem Exam	Was a postmortem exam conducted on canine patient following death?	All	Yes No Other	Applicable only when Discharge Status=Dead
Clinical	Discharge - Dead	Death Information - Post-Mortem Date	The date of the postmortem exam	All	MMDDYYYY Unknown	Applicable only when Discharge Status=Dead and Post Mortem Exam=Yes
Clinical	Discharge - Dead	Death Information - Post-Mortem Time	The time of the postmortem exam	All	HH:MM Unknown	Applicable only when Discharge Status=Dead and Post Mortem Exam=Yes
Clinical	Discharge - Dead	Pathology Report	Was a pathology report available following canine patient death?	All	Yes No Other	Applicable only when Discharge Status=Dead
Clinical	Discharge - Dead	JPC	Were any pathology samples shipped to Joint Pathology Center (JPC)?	All	Yes No Other	Applicable only when Discharge Status=Dead
Clinical	Discharge - Dead	Death Certificate - Date of Death	Date of Death documented on Death Certificate	All	MMDDYYYY Unknown	Applicable only when Discharge Status=Dead
Clinical	Discharge - Dead	Death Certificate - Provider Name	Provider who signed Death Certificate	All	[Range of Values] Free Text	Applicable only when Discharge Status=Dead
Clinical	Discharge - Dead	Death Certificate - Date of Signature	Date Death Certificate signed	All	MMDDYYYY Unknown	Applicable only when Discharge Status=Dead