

Datapoint Description	On Tab	On Report	Data Element Name	Type	Values	Default	Validation
Intubation status	X	X	MTQIP_INT_STAT	Number with pick list	1=Never, 2=Field/Scene/En R	1	
Operation	X	X	MTQIP_OPERATE	Yes/No	1=Yes, 2=No	2	
Emergency Operation	X	X	MTQIP_E_OPERATE	Yes/No	1=Yes, 2=No	2	MTQIP_E_OPERATE cannot=1, if MTQIP_OPERATE=2
Death in First OR	X	X	MTQIP_DEATH_FIRST_OR	Yes/No	1=Yes, 2=No	2	MTQIP_DEATH_FIRST_OR cannot=1, if MTQIP_OPERATE=2
Withdrawal of Care	X	X	MTQIP_WD_CARE	Yes/No	1=Yes, 2=No	2	
Withdrawal of Care Date	X	X	MTQIP_WD_CARE_DT	Date	mm/dd/yyyy	NA	MTQIP_WD_CARE_TM cannot be before ED_ARRDT or after DCDDT
Withdrawal of Care Time	X	X	MTQIP_WD_CARE_TM	Time	HH:MM in military time	NA	
C. Difficile	X	X	MTQIP_C_DIFF	Yes/No	1=Yes, 2=No	2	
Transfusion Blood Units 4 hr	X	X	MTQIP_PR_BC_4	Number	0-100	0	MTQIP_PR_BC_4 cannot be greater than MTQIP_PR_BC_24
Transfusion Plasma Units 4 hr	X	X	MTQIP_FFP_4	Number	0-100	0	MTQIP_FFP_4 cannot be greater than MTQIP_FFP_24
Transfusion Platelets Units 4 hr	X	X	MTQIP_PLT_4	Number	0-100	0	MTQIP_PLT_4 cannot be greater than MTQIP_PLT_24
Cryoprecipitate Units 4 hr	X	X	MTQIP_CRYO_4	Number	0-100	0	MTQIP_CRYO_4 cannot be greater than MTQIP_CRYO_24
IV Fluid Liters 4hr	X	X	MTQIP_IVF_4	Number	0-100	0	MTQIP_IVF_4 cannot be greater than MTQIP_IVF_24, MTQIP_IVF_4 report to user if blank and MTQIP_PR_BC_4 greater than 4
Units Blood 0-24 hrs	X	X	MTQIP_PR_BC_24	Number	0-100	0	MTQIP_PR_BC_24 cannot be less than MTQIP_PR_BC_4
Units FFP 0-24 hrs	X	X	MTQIP_FFP_24	Number	0-100	0	MTQIP_FFP_24 cannot be less than MTQIP_FFP_4
Units Platelets 0-24 hrs	X	X	MTQIP_PLT_24	Number	0-100	0	MTQIP_PLT_24 cannot be less than MTQIP_PLT_4
Cryoprecipitate Units 24 hrs	X	X	MTQIP_CRYO_24	Number	0-100	0	MTQIP_CRYO_24 cannot be less than MTQIP_CRYO_4
IV Fluid Liters 24hr	X	X	MTQIP_IVF_24	Number	0-100	0	MTQIP_IVF_24 cannot be less than MTQIP_IVF_4, MTQIP_IVF_24 report to user if blank and MTQIP_PR_BC_4 greater than 4
Tranexamic Acid (Amicar)	X	X	MTQIP_TXA	Yes/No	1=Yes, 2=No	2	MTQIP_TXA cannot be 2, if MTQIP_TXA_DT or MTQIP_TXA_TM populated by value other than NA
Tranexamic Acid Date	X	X	MTQIP_TXA_DT	Date	mm/dd/yyyy	NA	MTQIP_TXA_DT cannot be before ED_ARRDT or after DCDDT
Tranexamic Acid Time	X	X	MTQIP_TXA_TM	Time	HH:MM in military time	NA	
Highest GCS Total	X	X	MTQIP_TBI_GCS_H	Number	3-15	NA	Highest GCS Total cannot be lower than ED GCS total if a numeric value is present.
GCS Motor Component of Highest GCS Total	X	X	MTQIP_TBI_GCS_MR	Number	1-6	NA	
GCS Assessment Qualifier Component of Highest GCS	X	X	MTQIP_TBI_GCS_Q	Code with pick list	L=Legitimate, E=Obstruction I	NA	
Highest GCS 40 - Motor	X	X	TBIGCS40MOTOR	Number	0-6	NA	
Cerebral Monitor 1	X	X	MTQIP_TBI_CM0N1	Number with pick list	1=Intraventricular monitor/catl	NA	
Cerebral Monitor 1 Date	X	X	MTQIP_TBI_CM0N1_DT	Date	mm/dd/yyyy	NA	
Cerebral Monitor 1 Time	X	X	MTQIP_TBI_CM0N1_TM	Time	HH:MM in military time	NA	
Cerebral Monitor 2	X	X	MTQIP_TBI_CM0N2	Number with pick list	1=Intraventricular monitor/catl	NA	
Cerebral Monitor 2 Date	X	X	MTQIP_TBI_CM0N2_DT	Date	mm/dd/yyyy	NA	
Cerebral Monitor 2 Time	X	X	MTQIP_TBI_CM0N2_TM	Time	HH:MM in military time	NA	
Cerebral Monitor 3	X	X	MTQIP_TBI_CM0N3	Number with pick list	1=Intraventricular monitor/catl	NA	
Cerebral Monitor 3 Date	X	X	MTQIP_TBI_CM0N3_DT	Date	mm/dd/yyyy	NA	
Cerebral Monitor 3 Time	X	X	MTQIP_TBI_CM0N3_TM	Time	HH:MM in military time	NA	
Reason Cerebral Monitor Withheld	X	X	MTQIP_TBI_CWTH	Number with pick list	See below	0	
TBI Beta Blocker Treatment	X	X	MTQIP_TBI_BETA	Yes/No	1=Yes, 2=No	2	
VTE Propylaxis Type	X	X	MTQIP_VTE_PROP_TYPE	Number with pick list	See below	0	
VTE Propylaxis Date	X	X	MTQIP_VTE_PROP_DT	Date	mm/dd/yyyy	NA	MTQIP_VTE_PROP_DT cannot be before ED_ARRDT or after DCDDT
VTE Propylaxis Time	X	X	MTQIP_VTE_PROP_TM	Time	HH:MM in military time	NA	
Lowest ED SBP	X	X	MTQIP_L_ED_SBP	Number	0-200	NA	
Angiography	X	X	MTQIP_ANGIO	Number with pick list	1-5 (see below)	1	
Embolization Site Liver	X	X	MTQIP_EMB_SITE_L	Yes/No	1=Yes, 2=No	2	
Embolization Site Spleen	X	X	MTQIP_EMB_SITE_S	Yes/No	1=Yes, 2=No	2	
Embolization Site Kidneys	X	X	MTQIP_EMB_SITE_K	Yes/No	1=Yes, 2=No	2	
Embolization Site Pelvic (iliac, gluteal, obturator)	X	X	MTQIP_EMB_SITE_P	Yes/No	1=Yes, 2=No	2	
Embolization Site Retroperitoneum (lumbar, sacral)	X	X	MTQIP_EMB_SITE_R	Yes/No	1=Yes, 2=No	2	
Embolization Site Peripheral vascular (neck, extremity)	X	X	MTQIP_EMB_SITE_NE	Yes/No	1=Yes, 2=No	2	
Embolization Site Aorta (thoracic or abdominal)	X	X	MTQIP_EMB_SITE_A	Yes/No	1=Yes, 2=No	2	
Embolization Site Other	X	X	MTQIP_EMB_SITE_O	Yes/No	1=Yes, 2=No	2	
Angiography Date	X	X	MTQIP_ANGIO_DT	Date	mm/dd/yyyy	NA	MTQIP_ANGIO_DT cannot be before ED_ARRDT or after DCDDT
Angiography Time	X	X	MTQIP_ANGIO_TM	Time	HH:MM in military time	NA	
Surgery for Hemorrhage Control Laparotomy	X	X	MTQIP_SURG_TYPE_L	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Thoracotomy	X	X	MTQIP_SURG_TYPE_T	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Sternotomy	X	X	MTQIP_SURG_TYPE_S	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Extremity	X	X	MTQIP_SURG_TYPE_E	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Neck	X	X	MTQIP_SURG_TYPE_N	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Amputation	X	X	MTQIP_SURG_TYPE_A	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Other	X	X	MTQIP_SURG_TYPE_O	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Extraperitoneal Pelvis	X	X	MTQIP_SURG_TYPE_P	Yes/No	1=Yes, 2=No	2	
Surgery for Hemorrhage Control Date	X	X	MTQIP_SURG_DT	Date	mm/dd/yyyy	NA	MTQIP_SURG_DT cannot be before ED_ARRDT or after DCDDT
Surgery for Hemorrhage Control Time	X	X	MTQIP_SURG_TM	Time	HH:MM in military time	NA	
Rx Units Blood in ED or Transport	X	X	EDPRBC	Number	0-100	0	
Units Blood Total (Hospital)	X	X	PRBCTOT	Number	0-100	0	
Units FFP Total (Hospital)	X	X	FFPTOT	Number	0-100	0	
Units Platelets Total (Hospital)	X	X	PLTTOT	Number	0-100	0	
Factor 7a Total	X	X	F7TOT	Number	0-10	0	
Acute Renal Insufficiency	X	X	MTQIP_ABX_DAYS	Number	101 = Acute Renal Insufficien	0	
Antibiotic Days	X	X	MTQIP_ABX_DAYS	Number	0-720	0	
Initial ED/Hospital Pupillary Response	X	X	PUPILLARY_RESPONSE	Number with pick list	1=Both, 2=One, 3=Neither	NA	Default for TQIP report "Not Applicable"
Midline Shift	X	X	MIDLINE_SHIFT	Yes/No	1=Yes, 2=No, 3=Not Imaged	NA	Default for TQIP report "Not Applicable"
Antibiotic 1 Type	X	X	MTQIP_ABX_TYPE1	Number with pick list	0-11 (see below)	0	
Antibiotic 2 Type	X	X	MTQIP_ABX_TYPE2	Number with pick list	0-11 (see below)	0	
Antibiotic Date	X	X	MTQIP_ABX_DATE	Date	mm/dd/yyyy	NA	
Antibiotic Time	X	X	MTQIP_ABX_TIME	Time	HH:MM in military time	NA	
First ED/Hospital INR	X	X	MTQIP_TBI_INR	Number	XX.X	Blank	
First ED/Hospital PTT	X	X	MTQIP_TBI_PTT	Number	XXX.X	Blank	
First ED/Hospital Anti-Xa Activity	X	X	MTQIP_TBI_ANTI_XA	Number	X.XX	Blank	
Type of First Therapy - FFP	X	X	MTQIP_TBI_TYPE_FFP	Yes/No	1=Yes, 2=No	2	
Type of First Therapy - RBC	X	X	MTQIP_TBI_TYPE_PR_BC	Yes/No	1=Yes, 2=No	2	
Type of First Therapy - PLT	X	X	MTQIP_TBI_TYPE_PLT	Yes/No	1=Yes, 2=No	2	
Type of First Therapy - Vitamin K	X	X	MTQIP_TBI_TYPE_VITK	Yes/No	1=Yes, 2=No	2	
Type of First Therapy - 4 Factor PCC	X	X	MTQIP_TBI_TYPE_4FPCC	Yes/No	1=Yes, 2=No	2	

Type of First Therapy - 3 Factor PCC	X	X	MTQIP_TBI_TYPE_3FPCC	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Antifibrinolytic	X	X	MTQIP_TBI_TYPE_ANTIFB	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Desmopressin	X	X	MTQIP_TBI_TYPE_DESMO	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Protamine	X	X	MTQIP_TBI_TYPE_PROT	Yes/No	1=Yes, 2=No	2
Type of First Therapy - HD/CRRT	X	X	MTQIP_TBI_TYPE_HD	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Charcoal	X	X	MTQIP_TBI_TYPE_CHAR	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Mono Ab	X	X	MTQIP_TBI_TYPE_MONAB	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Factor Xa	X	X	MTQIP_TBI_TYPE_FXA	Yes/No	1=Yes, 2=No	2
Type of First Therapy - Other	X	X	MTQIP_TBI_TYPE_OTHER	Yes/No	1=Yes, 2=No	2
Date of First Therapy - FFP	X	X	MTQIP_TBI_DATE_FFP	Date	mm/dd/yyyy	NA
Date of First Therapy - RBC	X	X	MTQIP_TBI_DATE_PR_BC	Date	mm/dd/yyyy	NA
Date of First Therapy - PLT	X	X	MTQIP_TBI_DATE_PLT	Date	mm/dd/yyyy	NA
Date of First Therapy - Vitamin K	X	X	MTQIP_TBI_DATE_VITK	Date	mm/dd/yyyy	NA
Date of First Therapy - 4 Factor PCC	X	X	MTQIP_TBI_DATE_4FPCC	Date	mm/dd/yyyy	NA
Date of First Therapy - 3 Factor PCC	X	X	MTQIP_TBI_DATE_3FPCC	Date	mm/dd/yyyy	NA
Date of First Therapy - Antifibrinolytic	X	X	MTQIP_TBI_DATE_ANTIFB	Date	mm/dd/yyyy	NA
Date of First Therapy - Desmopressin	X	X	MTQIP_TBI_DATE_DESMO	Date	mm/dd/yyyy	NA
Date of First Therapy - Protamine	X	X	MTQIP_TBI_DATE_PROT	Date	mm/dd/yyyy	NA
Date of First Therapy - HD/CRRT	X	X	MTQIP_TBI_DATE_HD	Date	mm/dd/yyyy	NA
Date of First Therapy - Charcoal	X	X	MTQIP_TBI_DATE_CHAR	Date	mm/dd/yyyy	NA
Date of First Therapy - Mono Ab	X	X	MTQIP_TBI_DATE_MONAB	Date	mm/dd/yyyy	NA
Date of First Therapy - Factor Xa	X	X	MTQIP_TBI_DATE_FXA	Date	mm/dd/yyyy	NA
Date of First Therapy - Other	X	X	MTQIP_TBI_DATE_OTHER	Date	mm/dd/yyyy	NA
Time of First Therapy - FFP	X	X	MTQIP_TBI_TIME_FFP	Time	HH:MM in military time	NA
Time of First Therapy - RBC	X	X	MTQIP_TBI_TIME_PR_BC	Time	HH:MM in military time	NA
Time of First Therapy - PLT	X	X	MTQIP_TBI_TIME_PLT	Time	HH:MM in military time	NA
Time of First Therapy - Vitamin K	X	X	MTQIP_TBI_TIME_VITK	Time	HH:MM in military time	NA
Time of First Therapy - 4 Factor PCC	X	X	MTQIP_TBI_TIME_4FPCC	Time	HH:MM in military time	NA
Time of First Therapy - 3 Factor PCC	X	X	MTQIP_TBI_TIME_3FPCC	Time	HH:MM in military time	NA
Time of First Therapy - Antifibrinolytic	X	X	MTQIP_TBI_TIME_ANTIFB	Time	HH:MM in military time	NA
Time of First Therapy - Desmopressin	X	X	MTQIP_TBI_TIME_DESMO	Time	HH:MM in military time	NA
Time of First Therapy - Protamine	X	X	MTQIP_TBI_TIME_PROT	Time	HH:MM in military time	NA
Time of First Therapy - HD/CRRT	X	X	MTQIP_TBI_TIME_HD	Time	HH:MM in military time	NA
Time of First Therapy - Charcoal	X	X	MTQIP_TBI_TIME_CHAR	Time	HH:MM in military time	NA
Time of First Therapy - Mono Ab	X	X	MTQIP_TBI_TIME_MONAB	Time	HH:MM in military time	NA
Time of First Therapy - Factor Xa	X	X	MTQIP_TBI_TIME_FXA	Time	HH:MM in military time	NA
Time of First Therapy - Other	X	X	MTQIP_TBI_TIME_OTHER	Time	HH:MM in military time	NA

NON-CUSTOM ELEMENT VALIDATION

Complication CPR

Complication location cannot be empty for CPR as complication

PICK LIST OPTIONS

Reason Cerebral Monitor Withheld

- 0=Not Known/Not Recorded
- 1=Decision to withhold life sustaining measures
- 2=Death prior to correction of coagulopathy
- 3=Expected to improve within 8 hours due to effects of alcohol and/or drugs
- 4=Operative evacuation with improvement post-op
- 5=No ICP because of coagulopathy
- 6=Attempt made, but unsuccessful due to technical issues
- 7=Neurosurgical discretion

VTE Prophylaxis Type

- 0=Not Known/Not Recorded
- 1=Heparin (RETIRED 2019)
- 5=None
- 6=LMWH (Dalteparin, Enoxaparin, etc.)
- 7=Direct Thrombin Inhibitor (Dabigatran, etc.)
- 8=Oral Xa Inhibitor (Rivaroxaban, etc.)
- 9=Coumadin (Keep in MTQIP and maps to Other for 2019 NTDS submissions)
- 10=Other
- 11=Unfractionated Heparin (UH)

Angiography

- 1=None
- 2=Angiogram only
- 3=Angiogram with embolization
- 4=Angiogram with stenting
- 5=Angiogram with embolization and stent graft

Embolization Site

- 1=Liver
- 2=Spleen
- 3=Kidneys
- 4=Pelvic (iliac, gluteal, obturator)
- 5=Retroperitoneum (lumbar, sacral)
- 6=Peripheral vascular (neck, extremities)
- 7=Aorta (thoracic or abdominal)
- 8=Other

5/ Surgery for Hemorrhage Control Type

- 1=None

- 2=Laparotomy
- 3=Thoracotomy
- 4=Sternotomy
- 5=Extremity (Peripheral vascular)
- 6=Neck
- 7=Mangled extremity/traumatic amputation
- 8=Other skin/soft tissue
- 9=Extraperitoneal Pelvic Packing

Antibiotic Type

- 0=None
- 1=Penicillin
- 2=Monobactam
- 3=Carbapenem
- 4=Macrolide
- 5=Lincosamide
- 6=Aminoglycoside
- 7=Quinolone
- 8=Sulfonamide
- 9=Tetracycline
- 10=Cephalosporin
- 11=Other