

Datapoint Description	On Tab	On Report	Data Element Name	Type	Values
Intubation status	X	X	MTQIP_INT_STAT	Number with pick list	1=Never, 2=Field/Scene/En R
Operation	X	X	MTQIP_OPERATE	Yes/No	1=Yes, 2=No
Emergency Operation	X	X	MTQIP_E_OPERATE	Yes/No	1=Yes, 2=No
Death in First OR	X	X	MTQIP_DEATH_FIRST_OR	Yes/No	1=Yes, 2=No
Withdrawal of Care	X	X	MTQIP_WD_CARE	Yes/No	1=Yes, 2=No
Withdrawal of Care Date	X	X	MTQIP_WD_CARE_DT	Date	mm/dd/yyyy
Withdrawal of Care Time	X	X	MTQIP_WD_CARE_TM	Time	HH:MM in military time
C. Difficile	X	X	MTQIP_C_DIFF	Yes/No	1=Yes, 2=No
Transfusion Blood Units 4 hr	X	X	MTQIP_PR_BC_4	Number	0-100
Transfusion Plasma Units 4 hr	X	X	MTQIP_FFP_4	Number	0-100
Transfusion Platelets Units 4 hr	X	X	MTQIP_PLT_4	Number	0-100
Cryoprecipitate Units 4 hr	X	X	MTQIP_CRYO_4	Number	0-100
IV Fluid Liters 4hr	X	X	MTQIP_IVF_4	Number	0-100
Units Blood 0-24 hrs	X	X	MTQIP_PR_BC_24	Number	0-100
Units FFP 0-24 hrs	X	X	MTQIP_FFP_24	Number	0-100
Units Platelets 0-24 hrs	X	X	MTQIP_PLT_24	Number	0-100
Cryoprecipitate Units 24 hrs	X	X	MTQIP_CRYO_24	Number	0-100
IV Fluid Liters 24hr	X	X	MTQIP_IVF_24	Number	0-100
Tranexamic Acid (Amicar)	X	X	MTQIP_TXA	Yes/No	1=Yes, 2=No
Tranexamic Acid Date	X	X	MTQIP_TXA_DT	Date	mm/dd/yyyy
Tranexamic Acid Time	X	X	MTQIP_TXA_TM	Time	HH:MM in military time
Highest GCS Total	X	X	MTQIP_TBI_GCS_H	Number	3-15
GCS Motor Component of Highest GCS Total	X	X	MTQIP_TBI_GCS_MR	Number	1-6
GCS Assessment Qualifier Component of Highest GCS	X	X	MTQIP_TBI_GCS_Q	Code with pick list	L=Legitimate, E=Obstruction t
<b>Highest GCS 40 - Motor</b>	<b>X</b>	<b>X</b>	<b>TBIGCS40MOTOR</b>	<b>Number</b>	<b>1-7</b>
Cerebral Monitor 1	X	X	MTQIP_TBI_CMON1	Number with pick list	1=Intraventricular monitor/catf
Cerebral Monitor 1 Date	X	X	MTQIP_TBI_CMON1_DT	Date	mm/dd/yyyy
Cerebral Monitor 1 Time	X	X	MTQIP_TBI_CMON1_TM	Time	HH:MM in military time
Cerebral Monitor 2	X	X	MTQIP_TBI_CMON2	Number with pick list	1=Intraventricular monitor/catf
Cerebral Monitor 2 Date	X	X	MTQIP_TBI_CMON2_DT	Date	mm/dd/yyyy
Cerebral Monitor 2 Time	X	X	MTQIP_TBI_CMON2_TM	Time	HH:MM in military time
Cerebral Monitor 3	X	X	MTQIP_TBI_CMON3	Number with pick list	1=Intraventricular monitor/catf
Cerebral Monitor 3 Date	X	X	MTQIP_TBI_CMON3_DT	Date	mm/dd/yyyy
Cerebral Monitor 3 Time	X	X	MTQIP_TBI_CMON3_TM	Time	HH:MM in military time
Reason Cerebral Monitor Withheld	X	X	MTQIP_TBI_CWITH	Number with pick list	See below
TBI Beta Blocker Treatment	X	X	MTQIP_TBI_BETA	Yes/No	1=Yes, 2=No
VTE Propylaxis Type	X	X	MTQIP_VTE_PROP_TYPE	Number with pick list	See below
VTE Propylaxis Date	X	X	MTQIP_VTE_PROP_DT	Date	mm/dd/yyyy
VTE Propylaxis Time	X	X	MTQIP_VTE_PROP_TM	Time	HH:MM in military time
Lowest ED SBP	X	X	MTQIP_L_ED_SBP	Number	0-200
Angiography	X	X	MTQIP_ANGIO	Number with pick list	1-5 (see below)
Embolization Site Liver	X	X	MTQIP_EMB_SITE_L	Yes/No	1=Yes, 2=No
Embolization Site Spleen	X	X	MTQIP_EMB_SITE_S	Yes/No	1=Yes, 2=No
Embolization Site Kidneys	X	X	MTQIP_EMB_SITE_K	Yes/No	1=Yes, 2=No

Embolization Site Pelvic (iliac, gluteal, obturator)	X	X	MTQIP_EMB_SITE_P	Yes/No	1=Yes, 2=No
Embolization Site Retroperitoneum (lumbar, sacral)	X	X	MTQIP_EMB_SITE_R	Yes/No	1=Yes, 2=No
Embolization Site Peripheral vascular (neck, extremities)	X	X	MTQIP_EMB_SITE_NE	Yes/No	1=Yes, 2=No
Embolization Site Aorta (thoracic or abdominal)	X	X	MTQIP_EMB_SITE_A	Yes/No	1=Yes, 2=No
Embolization Site Other	X	X	MTQIP_EMB_SITE_O	Yes/No	1=Yes, 2=No
Angiography Date	X	X	MTQIP_ANGIO_DT	Date	mm/dd/yyyy
Angiography Time	X	X	MTQIP_ANGIO_TM	Time	HH:MM in military time
Surgery for Hemorrhage Control Laparotomy	X	X	MTQIP_SURG_TYPE_L	Yes/No	1=Yes, 2=No
Surgery for Hemorrhage Control Thoracotomy	X	X	MTQIP_SURG_TYPE_T	Yes/No	1=Yes, 2=No
Surgery for Hemorrhage Control Sternotomy	X	X	MTQIP_SURG_TYPE_S	Yes/No	1=Yes, 2=No
Surgery for Hemorrhage Control Extremity	X	X	MTQIP_SURG_TYPE_E	Yes/No	1=Yes, 2=No
Surgery for Hemorrhage Control Neck	X	X	MTQIP_SURG_TYPE_N	Yes/No	1=Yes, 2=No
Surgery for Hemorrhage Control Amputation	X	X	MTQIP_SURG_TYPE_A	Yes/No	1=Yes, 2=No
Surgery for Hemorrhage Control Other	X	X	MTQIP_SURG_TYPE_O	Yes/No	1=Yes, 2=No
<b>Surgery for Hemorrhage Control Extraperitoneal Pelvic</b>	<b>X</b>	<b>X</b>	<b>MTQIP_SURG_TYPE_P</b>	<b>Yes/No</b>	<b>1=Yes, 2=No</b>
Surgery for Hemorrhage Control Date	X	X	MTQIP_SURG_DT	Date	mm/dd/yyyy
Surgery for Hemorrhage Control Time	X	X	MTQIP_SURG_TM	Time	HH:MM in military time
Rx Units Blood in ED or Transport		X	EDPRBC	Number	0-100
Units Blood Total (Hospital)		X	PRBCTOT	Number	0-100
Units FFP Total (Hospital)		X	FFPTOT	Number	0-100
Units Platelets Total (Hospital)		X	PLTTOT	Number	0-100
Factor 7a Total		X	F7TOT	Number	0-10
Acute Renal Insufficiency	X	X		Number	101 = Acute Renal Insufficienc
Antibiotic Days	X	X	MTQIP_ABX_DAYS	Number	0-720
Initial ED/Hospital Pupillary Response	X	X	PUPILLARY_RESPONSE	Number with pick list	1=Both, 2=One, 3=Neither
Midline Shift	X	X	MIDLIN_SHIFT	Yes/No	1=Yes, 2=No, 3=Not Imaged
Antibiotic 1 Type	X	X	MTQIP_ABX_TYPE1	Number with pick list	0-11 (see below)
Antibiotic 2 Type	X	X	MTQIP_ABX_TYPE2	Number with pick list	0-11 (see below)
Antibiotic Date	X	X	MTQIP_ABX_DATE	Date	mm/dd/yyyy
Antibiotic Time	X	X	MTQIP_ABX_TIME	Time	HH:MM in military time
First ED/Hospital INR	X	X	MTQIP_TBI_INR	Number	XX.X
First ED/Hospital PTT	X	X	MTQIP_TBI_PTT	Number	XXX.X
First ED/Hospital Anti-Xa Activity	X	X	MTQIP_TBI_ANTI_XA	Number	X.XX
Type of First Therapy - FFP	X	X	MTQIP_TBI_TYPE_FFP	Yes/No	1=Yes, 2=No
Type of First Therapy - RBC	X	X	MTQIP_TBI_TYPE_PR_BC	Yes/No	1=Yes, 2=No
Type of First Therapy - PLT	X	X	MTQIP_TBI_TYPE_PLT	Yes/No	1=Yes, 2=No
Type of First Therapy - Vitamin K	X	X	MTQIP_TBI_TYPE_VITK	Yes/No	1=Yes, 2=No
Type of First Therapy - 4 Factor PCC	X	X	MTQIP_TBI_TYPE_4FPCC	Yes/No	1=Yes, 2=No
Type of First Therapy - 3 Factor PCC	X	X	MTQIP_TBI_TYPE_3FPCC	Yes/No	1=Yes, 2=No
Type of First Therapy - Antifibrinolytic	X	X	MTQIP_TBI_TYPE_ANTIFB	Yes/No	1=Yes, 2=No
Type of First Therapy - Desmopressin	X	X	MTQIP_TBI_TYPE_DESMO	Yes/No	1=Yes, 2=No
Type of First Therapy - Protamine	X	X	MTQIP_TBI_TYPE_PROT	Yes/No	1=Yes, 2=No
Type of First Therapy - HD/CRRT	X	X	MTQIP_TBI_TYPE_HD	Yes/No	1=Yes, 2=No
Type of First Therapy - Charcoal	X	X	MTQIP_TBI_TYPE_CHAR	Yes/No	1=Yes, 2=No
Type of First Therapy - Mono Ab	X	X	MTQIP_TBI_TYPE_MONAB	Yes/No	1=Yes, 2=No
Type of First Therapy - Factor Xa	X	X	MTQIP_TBI_TYPE_FXA	Yes/No	1=Yes, 2=No

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

## NON-CUSTOM ELEMENT VALIDATION

Complication CPR

## 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 Propylaxis 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

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=4-Lincosamide

6=Aminoglycoside  
7=Quinolone  
8=Sulfonamide  
9=Tetracycline  
10=Cephalosporin  
11=Other

Default	Validation
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1	
2	
2	MTQIP_E_OPERATE cannot=1, if MTQIP_OPERATE=2
2	MTQIP_DEATH_FIRST_OR cannot=1, if MTQIP_OPERATE=2
2	
NA	MTQIP_WD_CARE_TM cannot be before ED_ARRDT or after DCDT
NA	
2	
0	MTQIP_PR_BC_4 cannot be greater than MTQIP_PR_BC_24
0	MTQIP_FFP_4 cannot be greater than MTQIP_FFP_24
0	MTQIP_PLT_4 cannot be greater than MTQIP_PLT_24
0	MTQIP_CRYO_4 cannot be greater than MTQIP_CRYO_24
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
0	MTQIP_PR_BC_24 cannot be less than MTQIP_PR_BC_4
0	MTQIP_FFP_24 cannot be less than MTQIP_FFP_4
0	MTQIP_PLT_24 cannot be less than MTQIP_PLT_4
0	MTQIP_CRYO_24 cannot be less than MTQIP_CRYO_4
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
2	MTQIP_TXA cannot be 2, if MTQIP_TXA_DT or MTQIP_TXA_TM populated by value other than NA
NA	MTQIP_TXA_DT cannot be before ED_ARRDT or after DCDT
NA	
NA	Highest GCS Total cannot be lower than ED GCS total if a numeric value is present.
NA	
NA	
NA	
NA	
NA	
NA	
NA	
NA	
NA	
0	
2	
0	
NA	MTQIP_VTE_PROP_DT cannot be before ED_ARRDT or after DCDT
NA	
NA	
1	
2	
2	
2	



