

Clinical Presentation in the Study Site public use dataset summary

Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
1	SITE	Numeric	8	Masked Site identifier
2	CaseID	Character	7	Masked Case Identifier
3	ControlType	Character	4	case/control type
4	StudySubjectID	Character	7	StudySubjectID
5	ArrivalDate	Numeric	8	Date of arrival at study site
6	ArrivalTime	Character	5	Time of arrival at study site
7	ArrivalTimeND	Numeric	8	Time of arrival not documented
8	ModeArrival	Character	2	Mode of arrival
9	ReceivedInTransfer	Character	1	Was patient received in transfer from another hospital?
10	DxCspineInjury	Character	1	Did patient come with a diagnosis or suspicion of C-spine injury?
11	LocEvalPhysician	Character	1	Where was the patient initially evaluated at the study site?
12	LocEvalPhysiciantxt	Character	18	Other term used that cannot be mapped to LocEvalPhysician?
13	PtAmbulatoryPriorArrival	Character	2	On arrival to the study site was the patient ambulatory?
14	CervicalSpineImmobilization	Character	1	Does the study site medical record document that cervical spine precautions were implemented prior to arrival?
15	CervicalSpineIntervCC	Numeric	8	Cervical Collar (prior)
16	CervicalSpineIntervRLB	Numeric	8	Rigid long board (prior)
17	CervicalSpineIntervOther	Numeric	8	Other method of c-spine immobilization (prior)
18	CervicalSpineIntervOthertxt	Character	92	Other method of c-spine immobilization (prior) (details)
19	MedsRecdPriorArrival	Character	1	Does the study site medical record document that the patient received medications prior to arrival?
20	MedsRecdAna	Numeric	8	Analgesics (prior)
21	MedsRecdGlu	Numeric	8	Glucocorticoids (prior)
22	MedsRecdPar	Numeric	8	Paralytics (prior)
23	MedsRecdSed	Numeric	8	Sedatives (prior)
24	MedsRecdOR	Numeric	8	Other Medication (prior)
25	MedsRecdORtxt	Character	80	Other Medication (prior) (details)
26	ArrPtIntub	Character	1	Does the study site medical record document that the patient was intubated prior to arrival?
27	HxLOC	Character	2	Was there history of loss of consciousness - LOC?
28	SectionGCSAvailable	Character	2	Section GCS Scores Documented?
29	TotalGCSAvailable	Character	4	Total GCS Available? (when section scores are not available)
30	TotalGCSManual	Character	4	Total GCS (Manual Score)
31	GCSEye	Character	4	Eye GCS Score
32	VerbalGCS	Character	4	Verbal GCS Score
33	MotorGCS	Character	4	Motor GCS Score
34	TotalGCS	Character	4	Calculated Total GCS

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Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
35	AVPU	Character	1	Is there documentation of the patients mental status using a narrative description or an AVPU category?
36	AVPUDetails	Character	1	If yes, check the statement which best describes the patients mental status
37	AVPUMental	Character	4	Term used cannot be mapped to AVPU
38	AVPUMentaltxt	Character	91	Other term used that cannot be mapped to AVPU
39	AVPUMentaltxtCat	Character	9	Other Term used that cannot be mapped to AVPU (Categorized)
40	PtCompPain	Character	3	Did the patient complain of pain?
41	PtCompPainHead	Numeric	8	Complaint of pain in the Head
42	PtCompPainFace	Numeric	8	Complaint of pain in the Face
43	PtCompPainNeck	Numeric	8	Complaint of pain in the Neck
44	PtCompPainNeckMove	Character	2	If neck pain was indicated, did the pain increase with neck movement?
45	PtCompPainChest	Numeric	8	Complaint of pain in the Chest
46	PtCompPainBack	Numeric	8	Complaint of pain in the Back
47	PtCompPainFlank	Numeric	8	Complaint of pain in the Flank
48	PtCompPainAbd	Numeric	8	Complaint of pain in the Abdomen
49	PtCompPainPelvis	Numeric	8	Complaint of pain in the Pelvis
50	PtCompPainExt	Numeric	8	Complaint of pain in the Extremities
51	PtTender	Character	3	Did the patient have tenderness on exam?
52	PtTenderHead	Numeric	8	Tenderness in the Head
53	PtTenderFace	Numeric	8	Tenderness in the Face
54	PtTenderNeck	Numeric	8	Tenderness in the Neck
55	PtTenderNeckLevel	Numeric	8	Tenderness in the Neck: Level
56	PtTenderNeckLevelC1	Numeric	8	Tenderness in the neck: C1
57	PtTenderNeckLevelC2	Numeric	8	Tenderness in the neck: C2
58	PtTenderNeckLevelC3	Numeric	8	Tenderness in the neck: C3
59	PtTenderNeckLevelC4	Numeric	8	Tenderness in the neck: C4
60	PtTenderNeckLevelC5	Numeric	8	Tenderness in the neck: C5
61	PtTenderNeckLevelC6	Numeric	8	Tenderness in the neck: C6
62	PtTenderNeckLevelC7	Numeric	8	Tenderness in the neck: C7
63	PtTenderNeckAnt	Numeric	8	Tenderness in the neck: Anterior
64	PtTenderNeckPos	Numeric	8	Tenderness in the neck: Posterior
65	PtTenderNeckLat	Numeric	8	Tenderness in the neck: Lateral
66	PtTenderNeckMid	Numeric	8	Tenderness in the neck: Midline
67	PtTenderNeckOther	Numeric	8	Other neck tenderness
68	PtTenderNeckOthertxt	Character	96	Other neck tenderness text

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Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
69	PtTenderNeckOtherTxtCat	Character	3	Other neck tenderness finding deemed consistent with posterior midline neck tenderness by consensus panel
70	PtTenderChest	Numeric	8	Tenderness in the Chest
71	PtTenderBack	Numeric	8	Tenderness in the Back
72	PtTenderFlank	Numeric	8	Tenderness in the Flank
73	PtTenderAbd	Numeric	8	Tenderness in the Abdomen
74	PtTenderPelvis	Numeric	8	Tenderness in the Pelvis
75	PtTenderExt	Numeric	8	Tenderness in the Extremities
76	LimitedRangeMotion	Character	2	Did the patient have limited range of motion of the neck or torticollis?
77	OtherInjuries	Character	2	Aside from tenderness on exam, was there any other clinical evidence of substantial injuries?
78	OtherInjuriesHead	Numeric	8	Substantial Injuries to the: Head
79	OtherInjuriesFace	Numeric	8	Substantial Injuries to the: Face
80	OtherInjuriesNeck	Numeric	8	Substantial Injuries to the: Neck
81	OtherInjuriesChest	Numeric	8	Substantial Injuries to the: Chest
82	OtherInjuriesBack	Numeric	8	Substantial Injuries to the: Back
83	OtherInjuriesFlank	Numeric	8	Substantial Injuries to the: Flank
84	OtherInjuriesAbd	Numeric	8	Substantial Injuries to the: Abdomen
85	OtherInjuriesPelvis	Numeric	8	Substantial Injuries to the: Pelvis
86	OtherInjuriesExt	Numeric	8	Substantial Injuries to the: Extremities
87	MinorInjuries	Character	2	Aside from tenderness on exam, was there any other clinical evidence of minor injuries?
88	MinorInjuriesHead	Numeric	8	Minor Injuries to the: Head
89	MinorInjuriesFace	Numeric	8	Minor Injuries to the: Face
90	MinorInjuriesNeck	Numeric	8	Minor Injuries to the: Neck
91	MinorInjuriesChest	Numeric	8	Minor Injuries to the: Chest
92	MinorInjuriesBack	Numeric	8	Minor Injuries to the: Back
93	MinorInjuriesFlank	Numeric	8	Minor Injuries to the: Flank
94	MinorInjuriesAbs	Numeric	8	Minor Injuries to the: Abdomen
95	MinorInjuriesPelv	Numeric	8	Minor Injuries to the: Pelvis
96	MinorInjuriesExt	Numeric	8	Minor Injuries to the: Extremities
97	PtParesthesias	Character	2	Did the patient have any paresthesias (abnormal tactile sensation)?
98	PtSensoryLoss	Character	2	Did the patient have any loss of sensation (loss of feeling in any region of body)?
99	PtExtremityWeakness	Character	2	Did the patient have any extremity weakness?
100	OtherNeuroDeficit	Character	2	Did the patient have a neurological deficit other than paresthesias, loss of sensation or extremity weakness?
101	OtherNeuroDeficitDesc	Character	277	If yes, please describe the neurological deficit

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Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
102	OtherNeuroDeficitDescCat	Character	3	Other neurologic finding deemed consistent with spine injury by consensus panel
103	CSpinePrecautions	Character	3	Is there documentation that cervical spine precautions were in place after initial evaluation at the study site?
104	CSpinePrecautionsCC	Numeric	8	Cervical Collar
105	CSpinePrecautionsRLB	Numeric	8	Rigid long board
106	CSpinePrecautionsOther	Numeric	8	Other method of cervical spine immobilization
107	CSpinePrecautionsOthertxt	Character	93	Other method of cervical spine immobilization (details)
108	MedsGiven	Character	1	Is there documentation that medications were given during the initial evaluation at the study site?
109	MedsGivenAna	Numeric	8	Analgesics
110	MedsGivenGlu	Numeric	8	Glucocorticoids
111	MedsGivenPar	Numeric	8	Paralytics
112	MedsGivenSed	Numeric	8	Sedatives
113	MedsGivenOther	Numeric	8	Other Medication
114	MedsGivenOthertxt	Character	174	Other Medication (details)
115	IntubatedSS	Character	5	Is there documentation that the patient was intubated during the initial evaluation at the study site?
116	EDDisposition	Character	8	What was the patient's disposition after the initial evaluation at the study site?
117	IntervForCervicalStab	Character	1	Did the patient undergo interventions for cervical stabilization at the study site?
118	IntervForCervicalStabSCollar	Numeric	8	Cervical Stabilization: Soft Collar
119	IntervForCervicalStabRCollar	Numeric	8	Cervical Stabilization: Rigid Collar
120	IntervForCervicalStabBrace	Numeric	8	Cervical Stabilization: Brace
121	IntervForCervicalStabTraction	Numeric	8	Cervical Stabilization: Traction
122	IntervForCervicalStabSurgical	Numeric	8	Cervical Stabilization: Surgical
123	IntervForCervicalStabHalo	Numeric	8	Cervical Stabilization: Surgical - Halo
124	IntervForCervicalStabIntFix	Numeric	8	Cervical Stabilization: Surgical - Internal Fixation
125	IntervForCervicalStabIntFixtxt	Character	445	Cervical Stabilization: Surgical - Other (describe)
126	IntervForCervicalStabOther	Numeric	8	Cervical Stabilization: Other
127	IntervForCervicalStabOthertxt	Character	94	Cervical Stabilization: Other (describe)
128	LongTermRehab	Character	1	Did patient receive inpatient rehabilitation at the study site?
129	TrfToLongTermRehab	Character	1	Was the patient transferred from the study site to a rehabilitation facility?
130	OutcomeStudySite	Character	3	What was the patients neurological outcome at discharge from the study site?
131	OutcomeStudySiteNeuro	Character	3	Please classify the patients cognitive function
132	OutcomeStudySiteMobility	Character	2	Please classify the patients mobility

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Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
133	OutcomeStudySiteMobility1	Numeric	8	Complete paraplegia
134	OutcomeStudySiteMobility2	Numeric	8	Complete quadriplegia
135	OutcomeStudySiteBowel	Character	1	Please indicate the patients bowel function
136	OutcomeStudySiteUrine	Character	1	Please classify the patients bladder function

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The FREQ Procedure

Date of arrival at study site		
ArrivalDate	Frequency	Percent
01/01/2000	3314	100.00

Time of arrival at study site		
ArrivalTime	Frequency	Percent
	85	2.56
00:00	5	0.15
00:01	1	0.03
00:05	4	0.12
00:07	1	0.03
00:08	1	0.03
00:10	7	0.21
00:11	1	0.03
00:12	1	0.03
00:15	5	0.15
00:16	1	0.03
00:17	1	0.03
00:18	1	0.03
00:20	7	0.21
00:21	1	0.03
00:23	3	0.09
00:25	4	0.12
remainder not printed here	3185	96.11

Time of arrival not documented		
ArrivalTimeND	Frequency	Percent
0	3229	97.44
1	85	2.56

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The FREQ Procedure

Mode of arrival		
ModeArrival	Frequency	Percent
1	2770	83.58
2	500	15.09
ND	44	1.33

Was patient received in transfer from another hospital?		
ReceivedInTransfer	Frequency	Percent
N	2582	77.91
Y	732	22.09

Did patient come with a diagnosis or suspicion of C-spine injury?		
DxCspineInjury	Frequency	Percent
N	2845	85.85
Y	469	14.15

Where was the patient initially evaluated at the study site?		
LocEvalPhysician	Frequency	Percent
1	3237	97.68
2	46	1.39
3	5	0.15
4	23	0.69
5	3	0.09

Other term used that cannot be mapped to LocEvalPhysician?		
LocEvalPhysiciantxt	Frequency	Percent
	3311	99.91
Urgent Care	1	0.03
neurosurgery rehab	1	0.03
trauma room	1	0.03

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The FREQ Procedure

On arrival to the study site was the patient ambulatory?		
PtAmbulatoryPriorArrival	Frequency	Percent
3	90	2.72
N	2613	78.85
ND	238	7.18
Y	373	11.26

Does the study site medical record document that cervical spine precautions were implemented prior to arrival?		
CervicalSpineImmobilization	Frequency	Percent
1	2466	74.41
2	74	2.23
3	774	23.36

Cervical Collar (prior)		
CervicalSpineIntervCC	Frequency	Percent
0	1025	30.93
1	2289	69.07

Rigid long board (prior)		
CervicalSpineIntervRLB	Frequency	Percent
0	1200	36.21
1	2114	63.79

Other method of c-spine immobilization (prior)		
CervicalSpineIntervOther	Frequency	Percent
0	3102	93.60
1	212	6.40

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The FREQ Procedure

Other method of c-spine immobilization (prior) (details)		
CervicalSpineIntervOther txt	Frequency	Percent
	3102	93.60
'CID'	5	0.15
'cervical spine support'	1	0.03
'full immobiliazation'	1	0.03
'full immobilization'	2	0.06
'full precautions'	1	0.03
'fully immobilized'	1	0.03
'head immobilized'	1	0.03
'neck stable but holding to right'	1	0.03
'papoose'	1	0.03
'spinal immobilization' box checked	1	0.03
'the patient was papoosed in a pediatric backboard combination cervical collar'	1	0.03
2 pillows / tape	1	0.03
3 straps	1	0.03
Backboard and C Spine	1	0.03
C Spine	1	0.03
C spine	1	0.03
C-Spine	3	0.09
C-Spine Prec	2	0.06
C-Spine immobilization, helmet taped in place on backboard	1	0.03
C-Spine precautions	2	0.06
C-spine	2	0.06
C.I.D.	2	0.06
CID	27	0.81
CIDs	1	0.03
Car Seat	1	0.03
C spine immobilized and with Ked. immobilizer	1	0.03
Ferno device	1	0.03
Football helmet and shoulder pads	1	0.03
Football helmet left on	1	0.03
Full c-spine immobilization	1	0.03
Gardner Wells tongs	1	0.03

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Other method of c-spine immobilization (prior) (details)		
CervicalSpineIntervOther.txt	Frequency	Percent
Head immobile with towels and tap	1	0.03
Head immobilized with foam blocks. No c-collar in place.	1	0.03
Helmet	1	0.03
KED	5	0.15
KED BOARD	1	0.03
KED Back Splint	1	0.03
KED Board	3	0.09
KED board	4	0.12
KED board ('not rigorously collared')	1	0.03
KED board with forehead taped in place	1	0.03
Ked Board	1	0.03
Kerlex wraps and towels	1	0.03
Papoose	1	0.03
Papoose and blanket roll	1	0.03
Patient placed on a wooden board by the father	1	0.03
Pediboard	10	0.30
Styrofoam head rolls	1	0.03
Towel rolls	1	0.03
Towels and tape to stabilize neck	1	0.03
a papoose-style backboard	1	0.03
back board	1	0.03
blocks	3	0.09
c-spine	14	0.42
c-spine immobilization	1	0.03
c-spine prec	1	0.03
c-spine precautions	2	0.06
c-spine stabilized with towels	1	0.03
car seat	4	0.12
car seat with towel rolls	1	0.03
car seat/towel rolls	1	0.03
carseat	2	0.06
cspine precautions maintained	1	0.03

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The FREQ Procedure

Other method of c-spine immobilization (prior) (details)		
CervicalSpineIntervOther txt	Frequency	Percent
football helmet	1	0.03
football helmet and towel rolls taped to backboard	1	0.03
full c-spine	2	0.06
full c-spine precautions	1	0.03
full football gear	1	0.03
full football uniform including helmet and chest pads	1	0.03
fully immobilized	1	0.03
gauze around neck and head	1	0.03
head blocks	2	0.06
head immobilized with sandbags	1	0.03
head taped	1	0.03
head taped to car seat	1	0.03
helmut left on-c-spine immobilization	1	0.03
homemade backboad and head secured with towel wrap turned to right side carried in by family	1	0.03
immobilized in car seat	1	0.03
in car seat head stabilized with blanket rolls	1	0.03
ked	1	0.03
ked immobilized	1	0.03
ked sled and full spinal precautions	1	0.03
manual	4	0.12
manual head hold	1	0.03
manual hold	1	0.03
manual stabilization	3	0.09
manual stabilization; helmet left on	1	0.03
modified back board	1	0.03
neck immobilization with towels and tape	1	0.03
neck restraints	1	0.03
neck rolls	1	0.03
papoose	9	0.27
papoose board	1	0.03
pedi board	1	0.03

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The FREQ Procedure

Other method of c-spine immobilization (prior) (details)		
CervicalSpineIntervOther.txt	Frequency	Percent
pedi spineboard	1	0.03
peds board	1	0.03
pillows	2	0.06
restrained in car seat	1	0.03
roll to head	1	0.03
rolls	1	0.03
shortboard	1	0.03
soft cervical collar	1	0.03
soft collar	2	0.06
spinal precautions in carseat with towel rolls	1	0.03
stabilized w/towels	1	0.03
strapped in car seat	1	0.03
straps	1	0.03
straps and blocks	1	0.03
tape across forehead	1	0.03
tape over forehead	1	0.03
towel	1	0.03
towel around neck	1	0.03
towel roll support	1	0.03
towel roll to head	1	0.03
towel rolls	4	0.12
towell rolls	1	0.03
towels around neck	1	0.03

Does the study site medical record document that the patient received medications prior to arrival?		
MedsRecdPriorArrival	Frequency	Percent
N	2760	83.28
Y	554	16.72

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Analgesics (prior)		
MedsRecdAna	Frequency	Percent
0	3053	92.12
1	261	7.88

Glucocorticoids (prior)		
MedsRecdGlu	Frequency	Percent
0	3258	98.31
1	56	1.69

Paralytics (prior)		
MedsRecdPar	Frequency	Percent
0	3217	97.07
1	97	2.93

Sedatives (prior)		
MedsRecdSed	Frequency	Percent
0	3167	95.56
1	147	4.44

Other Medication (prior)		
MedsRecdOR	Frequency	Percent
0	3090	93.24
1	224	6.76

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The FREQ Procedure

Other Medication (prior) (details)		
MedsRecdORtxt	Frequency	Percent
	3089	93.21
'oral glucose'	1	0.03
Ancef	4	0.12
Ancef, Phenergan, Clindamycin	1	0.03
Ancef, inapsine	1	0.03
Antibiotics	2	0.06
Atropine, Epi	1	0.03
Atropine, Epi, mannitol	1	0.03
Atropine, Epinephrine	1	0.03
Atropine, lidocaine	1	0.03
Chloral hydrate	1	0.03
Clarforan, 1 gram IV	1	0.03
Clindamycin, Rocephin	1	0.03
Dilantin, RSI, Mannitol	1	0.03
Dilantin, fosphen	1	0.03
Dilantin, fosphenytoin	1	0.03
Dimetapp	1	0.03
Dopamine, Epi, Norcurion	1	0.03
Epinephrine	1	0.03
IV 18 g in L arm	1	0.03
L AC	1	0.03
LR	1	0.03
Lamictal, Vigabatrin	1	0.03
Lasix, Mannitol-Diuretic	1	0.03
Lidocaine	1	0.03
Mannitol	2	0.06
Mannitol, Ancef	1	0.03
Mannitol, Atropine	1	0.03
NARCAN	1	0.03
Normal Saline	1	0.03
Oxygen and normal saline	1	0.03
Phenegan, Cerebryx	1	0.03

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Other Medication (prior) (details)		
MedsRecdORtxt	Frequency	Percent
Phenergan	6	0.18
Phenergan, Ativan	1	0.03
Phenergan, Pepcid	1	0.03
Pt. found intoxicated - reported ingestion of EtOH, benzodiazapines per history	1	0.03
RSI	1	0.03
RSI meds, lido, atropine	1	0.03
Recombinant Factor VIII	1	0.03
Reglan	1	0.03
Rocephin	1	0.03
Tigan	1	0.03
Unasyn	1	0.03
Versed, Fentanyl, ativan,Succinylcholine	1	0.03
Vicoden, muscle relaxer	1	0.03
Visteril	1	0.03
Zofran	1	0.03
advil	1	0.03
albuterol	3	0.09
albuterol, vicodin	1	0.03
amoxicillin	1	0.03
ancef	6	0.18
ancef, demerol	1	0.03
ancef, etomidate, propofol, succ.	1	0.03
anti-emetic	1	0.03
antibiotics	2	0.06
antibiotics, anticonvulsent, proton pump inhibitor	1	0.03
antibodies	1	0.03
antiemetic	1	0.03
antiepileptics	1	0.03
antivert	1	0.03
atenolol	1	0.03
ativan, etimodate, mannitol	1	0.03
atropine	3	0.09

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Other Medication (prior) (details)		
MedsRecdORtxt	Frequency	Percent
atropine, dilantin	1	0.03
atropine, dopamine	1	0.03
atropine, epinehrine, bicarbonate	1	0.03
atropine, epiniephrine, bicarbonate, dopamine	1	0.03
atropine, lidocaine	1	0.03
atropine, mannitol	1	0.03
benadryl	2	0.06
ca gluc, vit k, succ, atrpoine, lidocaine, etomidate, vec, versed	1	0.03
carnitor, phenobarb, genapap	1	0.03
cefotetan, flagyl	1	0.03
ceftriaxone,vancomycin,flagyl	1	0.03
code meds	1	0.03
compazine, versed, succinocholine, fentanyl, pavulon	1	0.03
cyclobenzaprine	1	0.03
demerol phenergan ancef	1	0.03
difficult to read	1	0.03
dilantin	3	0.09
dilantin, mannitol	1	0.03
dilantin,lidocaine,atropine	1	0.03
dilaudid, ativan	1	0.03
dopamine	1	0.03
dopamine,epinephrine	1	0.03
epi, atropine	1	0.03
epinepherine, atropine, decadron, mannitol+	1	0.03
epinephrine	3	0.09
epinephrine, atropine, bicarbonate, dextros.	1	0.03
epinephrine, sedatives and paralytics were administered intraoperatively at OSH	1	0.03
epinephrine,sodium bicarbonate,atropine	1	0.03
etomidate, ativan, vecuronium, versed	1	0.03
fent	1	0.03
fentanyl	2	0.06
fentanyl, ancef, gent, DT (peds)	1	0.03

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Other Medication (prior) (details)		
MedsRecdORtxt	Frequency	Percent
fentanyl, reglan, zofran, compazine	1	0.03
fentanyl, versed	1	0.03
flexiril, codeine	1	0.03
fosphenytoin	2	0.06
inapsine	1	0.03
inhaled albuterol	1	0.03
insulin	1	0.03
iv lidocaine ,atropine	1	0.03
kefzol	1	0.03
kefzol, dilantin	1	0.03
ketzol, morphine	1	0.03
labetolol	1	0.03
lidocaine	4	0.12
lidocaine (for head injury)	1	0.03
lidocaine, atropine	1	0.03
lidocaine, atropine, epi	1	0.03
lidocaine, cefazolin	1	0.03
lidocaine, epinephrine, dopamine	1	0.03
lidocaine, etomidate,succ,versed, morphine, fentanyl, roc	1	0.03
lidocaine,atropine	1	0.03
lidocaine; dopamine; epinephrine	1	0.03
lithium	1	0.03
mannitol	6	0.18
mannitol, dilantin, kefzol, fentanyl, ativan	1	0.03
mannitol, phenytoin, general anesthesia for OR	1	0.03
morphine	10	0.30
morphine, PCN	1	0.03
morphine, ceftazolin, zantac	1	0.03
morphine, ceftriaxone	1	0.03
morphine, phenergan	2	0.06
morphine, valium, phenegan	1	0.03
muscle relaxer (skelaxin)	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (prior) (details)		
MedsRecdORtxt	Frequency	Percent
nebulizer-nuknown type	1	0.03
neurontin, zoloft	1	0.03
none docuented	1	0.03
null	1	0.03
ondansetron	1	0.03
pain intervention medication checkbox checked, but not specified	1	0.03
peripheral IV 20 gauge in Right AC	1	0.03
phenagren	1	0.03
phenergan	8	0.24
phenergan, benadryl	1	0.03
phenergan, zofran	1	0.03
phenergen	4	0.12
phenobarbital	1	0.03
reglan	3	0.09
ritalin, depakote, zyprexa	1	0.03
robinul	1	0.03
rocephin	2	0.06
rocuronium, succinylcholine , ativan , clindamycin	1	0.03
solumedrol	6	0.18
solumedrol (but d/c'd)	1	0.03
solumedrol, morphine	1	0.03
solumedrol, zantac	1	0.03
solumedrol, zofram	1	0.03
succhinylncholine	1	0.03
succinylcholine	1	0.03
thorazine	1	0.03
toradol	2	0.06
valium	1	0.03
vecuronium, fentanyl	1	0.03
versed, fentanyl	1	0.03
versed,lido,morphine,fentanyl, pentobarb,rocurium	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (prior) (details)		
MedsRecdORtxt	Frequency	Percent
vicodin	1	0.03
zofran	2	0.06

Does the study site medical record document that the patient was intubated prior to arrival?		
ArrPtIntub	Frequency	Percent
N	3112	93.90
Y	202	6.10

Was there history of loss of consciousness - LOC?		
HxLOC	Frequency	Percent
3	227	6.85
N	1869	56.40
ND	220	6.64
U	165	4.98
Y	833	25.14

Section GCS Scores Documented?		
SectionGCSAvailable	Frequency	Percent
ND	1571	47.40
Y	1743	52.60

Total GCS Available? (when section scores are not available)		
TotalGCSAvailable	Frequency	Percent
	1742	52.56
ND	855	25.80
Y	716	21.61
null	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Total GCS (Manual Score)		
TotalGCSManual	Frequency	Percent
	2597	78.36
10	7	0.21
11	4	0.12
12	5	0.15
13	13	0.39
14	37	1.12
15	597	18.01
3	30	0.91
4	3	0.09
5	4	0.12
6	4	0.12
7	2	0.06
8	3	0.09
9	7	0.21
null	1	0.03

Eye GCS Score		
GCSEye	Frequency	Percent
	1570	47.37
1	168	5.07
2	36	1.09
3	58	1.75
4	1481	44.69
null	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Verbal GCS Score		
VerbalGCS	Frequency	Percent
	1570	47.37
1	177	5.34
2	36	1.09
3	31	0.94
4	116	3.50
5	1383	41.73
null	1	0.03

Motor GCS Score		
MotorGCS	Frequency	Percent
	1570	47.37
1	133	4.01
2	6	0.18
3	9	0.27
4	52	1.57
5	90	2.72
6	1453	43.84
null	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Calculated Total GCS		
TotalGCS	Frequency	Percent
	1570	47.37
10	22	0.66
11	18	0.54
12	26	0.78
13	41	1.24
14	92	2.78
15	1342	40.49
3	117	3.53
4	7	0.21
5	5	0.15
6	21	0.63
7	27	0.81
7T	1	0.03
8	12	0.36
9	12	0.36
null	1	0.03

Is there documentation of the patients mental status using a narrative description or an AVPU category?		
AVPU	Frequency	Percent
N	242	7.30
Y	3072	92.70

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, check the statement which best describes the patients mental status		
AVPUDetails	Frequency	Percent
	241	7.27
A	2608	78.70
N	258	7.79
P	55	1.66
U	88	2.66
V	64	1.93

Term used cannot be mapped to AVPU		
AVPUMental	Frequency	Percent
	3055	92.18
C	3	0.09
OB	5	0.15
OTH	230	6.94
U	20	0.60
null	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other term used that cannot be mapped to AVPU		
AVPUMentaltxt	Frequency	Percent
	3084	93.06
'conscious but stunned'	1	0.03
'remains intubated'	1	0.03
AGITATED	1	0.03
ALOC	1	0.03
Agitated, uncooperative	1	0.03
Altered	1	0.03
Appeared to be reactive	1	0.03
Awake, alert, oriented but has amnesia	1	0.03
Awake, alert, oriented but sleepy	1	0.03
Awake, alert, oriented, decreased LOC	1	0.03
Awakens easily	1	0.03
CONFUSED	1	0.03
Chemically paralyzed	1	0.03
Combative	3	0.09
Combative, confused	1	0.03
Confused thinks she's at home, alert oriented x2, agitated but cooperative	1	0.03
Crying	1	0.03
Crying but consolable	1	0.03
Crying but responds appropriately to pain	1	0.03
Crying, inconsolable	1	0.03
Disorientated	1	0.03
Disoriented to all but her name	1	0.03
Drowsy but arousable	1	0.03
EtOH on breath	1	0.03
Groaning and unresponsive	1	0.03
In pain	1	0.03
Intubated	1	0.03
Intubated and has no spontaneous movement	1	0.03
Intubated and sedated	1	0.03
Intubated and unresponsive	1	0.03
Intubated, paralyzed and sedated	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other term used that cannot be mapped to AVPU		
AVPUMentaltxt	Frequency	Percent
Intubated, sedated and paralyzed	1	0.03
Intubated, sedated and paraylzed	1	0.03
Intubated/Paralyzed	1	0.03
LETHARGIC	2	0.06
NAD	7	0.21
Neuro status normal	1	0.03
No apparent distress	1	0.03
No focal deficit	1	0.03
Opens eyes, Minimally responsive	1	0.03
Paralyzed and sedated	2	0.06
Patient is sedated and paralyzed	1	0.03
Playful	1	0.03
Relaxed	1	0.03
Responding on and off, crying	1	0.03
Responsive to stimuli.	1	0.03
SEDATED	1	0.03
Screaming	1	0.03
Sedated	1	0.03
Sedated and paralyzed	2	0.06
She can mouth words but cannot actually speak them and she has been able to nod yes and no.	1	0.03
Sleeping	1	0.03
Sleepy	1	0.03
Sleepy and lethargic	1	0.03
Sleepy but arousable	3	0.09
Sleepy but arouses easily	1	0.03
Sleepy but otherwise appears well	1	0.03
Somnolent / does arouse but awakens with difficulty, responds appropriately while awake	1	0.03
Somnolent and combative	1	0.03
Somnolent but easily arrousable	1	0.03
Started as Alert, but then changed to P	1	0.03
Well appearing	1	0.03
acute distress	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other term used that cannot be mapped to AVPU		
AVPUMentaltxt	Frequency	Percent
agitated	4	0.12
agitated, waxing and waning mental status	1	0.03
alert, confused and not oriented	1	0.03
alert, crying, and irritable	1	0.03
altered	1	0.03
altered consciousness	1	0.03
alternately alert and confused/combatative	1	0.03
amnesia, altered mental status	1	0.03
answers questions	1	0.03
arousable but somnolent	1	0.03
asleep/arousable	1	0.03
attentive for age	1	0.03
awake and irritable	1	0.03
awake and talking	1	0.03
awake but listless	1	0.03
awake, crying, confused	1	0.03
baseline mental status unclear	1	0.03
became confused while in the ED	1	0.03
combative	5	0.15
combative, ALOC	1	0.03
combative, agitated, does not obey commands	1	0.03
combative, screaming	1	0.03
confused	6	0.18
confused and combative	1	0.03
confused and uncooperative,agitated	1	0.03
confused, altered mental status	1	0.03
confused/anxious	1	0.03
consciousness waxing and waning	1	0.03
cooperative	1	0.03
crying	6	0.18
crying appropriately	1	0.03
crying intermittently with quiet periods	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other term used that cannot be mapped to AVPU		
AVPUMentaltxt	Frequency	Percent
crying not appropriate	1	0.03
crying responds to stimulation	1	0.03
crying, agitated	1	0.03
crying, inconsolable	1	0.03
crying, restless, fearful	1	0.03
decreased LOC, not verbal, semi-communicative	1	0.03
decreased mental status	1	0.03
decreased responsiveness	1	0.03
drowsy but arousable	1	0.03
drowsy but rousable	1	0.03
euthymic	1	0.03
fluctuating loevel of consciousness	1	0.03
focal seizure on arrival	1	0.03
fussy	1	0.03
fussy, crying	1	0.03
garbled speech, sleepy	1	0.03
good judgment	1	0.03
grossly intact	1	0.03
intact mental status	1	0.03
intermittent agitated	1	0.03
intoxicated	2	0.06
intubated	4	0.12
intubated and after initial arrival is noted to be attempting to move extremities	1	0.03
intubated and paralyzed	2	0.06
intubated sedated	1	0.03
intubated, paralyzed	1	0.03
intubated, sedated	1	0.03
intubated, sedated, paralyzed	1	0.03
irritable	1	0.03
irritable, fussy	1	0.03
lethargic	4	0.12
lethargic and combative	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other term used that cannot be mapped to AVPU		
AVPUMentaltxt	Frequency	Percent
lethargic, not alert	1	0.03
lethargic, not responding to pain	1	0.03
looks well	1	0.03
markedly confused and disoriented	1	0.03
moaning cry with occasional snoring respirations	1	0.03
moderate distress	1	0.03
neurologically intact	1	0.03
no neuro deficits	1	0.03
non-verbal but normal behavior	1	0.03
nonresponsive	1	0.03
null	1	0.03
obtunded, combative	1	0.03
paralyzed/sedated	2	0.06
paralyzed/sedated and intubated	1	0.03
patient is slow to respond to verbal questioning	1	0.03
patient was talking	1	0.03
posturing	2	0.06
pt arousable when stimulated	1	0.03
pt drowsy, answers questions/follows command appropriately	1	0.03
quiet uncomfortable	1	0.03
quiet, appropriate response to stimuli	1	0.03
restless/aggitated	1	0.03
running around NAD	1	0.03
sedated	6	0.18
sedated, but arousable	1	0.03
sedated/paralyzed	2	0.06
seizing	1	0.03
sleeping, combative when aroused	1	0.03
sleepy	2	0.06
sleepy but arousable	4	0.12
sleepy but awoke with IV start and asked for Mother	1	0.03
slow to respond to verbal stimuli	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other term used that cannot be mapped to AVPU		
AVPUMentaltxt	Frequency	Percent
sluggish	1	0.03
somewhat tired and difficult to awaken	1	0.03
sommnolent	1	0.03
somnelent	1	0.03
somnolent - patient woke up during exam and was alert then	1	0.03
somnolent but arousable	1	0.03
somnolent but responds to stimulation	1	0.03
somnolent, mumbles to verbal requests	1	0.03
somnolent, post ictal	1	0.03
speaking and crying	1	0.03
subdued, possibly post ictal	1	0.03
tearful	1	0.03
toxic	1	0.03
unresponsive	3	0.09
vocalizing	1	0.03
waxing and waning mental status - no eye opening spont or to command	1	0.03
waxing and waning, combative	1	0.03
withdraws to pain/ decerbrate posturing	1	0.03
withdraws to stimuli	1	0.03

Other Term used that cannot be mapped to AVPU (Categorized)		
AVPUMentaltxtCat	Frequency	Percent
	3165	95.50
ALTERED	119	3.59
UNALTERED	30	0.91

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Did the patient complain of pain?		
PtCompPain	Frequency	Percent
N	396	11.95
NA	174	5.25
ND	135	4.07
P	254	7.66
S	141	4.25
Y	2165	65.33
YND	49	1.48

Complaint of pain in the Head		
PtCompPainHead	Frequency	Percent
0	2602	78.52
1	712	21.48

Complaint of pain in the Face		
PtCompPainFace	Frequency	Percent
0	3138	94.69
1	176	5.31

Complaint of pain in the Neck		
PtCompPainNeck	Frequency	Percent
0	2199	66.35
1	1115	33.65

If neck pain was indicated, did the pain increase with neck movement?		
PtCompPainNeckMove	Frequency	Percent
	2199	66.35
N	74	2.23
ND	897	27.07
Y	144	4.35

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Complaint of pain in the Chest		
PtCompPainChest	Frequency	Percent
0	3158	95.29
1	156	4.71

Complaint of pain in the Back		
PtCompPainBack	Frequency	Percent
0	2871	86.63
1	443	13.37

Complaint of pain in the Flank		
PtCompPainFlank	Frequency	Percent
0	3279	98.94
1	35	1.06

Complaint of pain in the Abdomen		
PtCompPainAbd	Frequency	Percent
0	3057	92.25
1	257	7.75

Complaint of pain in the Pelvis		
PtCompPainPelvis	Frequency	Percent
0	3240	97.77
1	74	2.23

Complaint of pain in the Extremities		
PtCompPainExt	Frequency	Percent
0	2598	78.39
1	716	21.61

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Did the patient have tenderness on exam?		
PtTender	Frequency	Percent
N	969	29.24
NA	176	5.31
ND	85	2.56
S	141	4.25
Y	1936	58.42
YND	7	0.21

Tenderness in the Head		
PtTenderHead	Frequency	Percent
0	3126	94.33
1	188	5.67

Tenderness in the Face		
PtTenderFace	Frequency	Percent
0	3203	96.65
1	111	3.35

Tenderness in the Neck		
PtTenderNeck	Frequency	Percent
0	2103	63.46
1	1211	36.54

Tenderness in the Neck: Level		
PtTenderNeckLevel	Frequency	Percent
0	2758	83.22
1	556	16.78

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Tenderness in the neck: C1		
PtTenderNeckLevelC1	Frequency	Percent
0	3223	97.25
1	91	2.75

Tenderness in the neck: C2		
PtTenderNeckLevelC2	Frequency	Percent
0	3127	94.36
1	187	5.64

Tenderness in the neck: C3		
PtTenderNeckLevelC3	Frequency	Percent
0	3060	92.34
1	254	7.66

Tenderness in the neck: C4		
PtTenderNeckLevelC4	Frequency	Percent
0	3053	92.12
1	261	7.88

Tenderness in the neck: C5		
PtTenderNeckLevelC5	Frequency	Percent
0	3070	92.64
1	244	7.36

Tenderness in the neck: C6		
PtTenderNeckLevelC6	Frequency	Percent
0	3119	94.12
1	195	5.88

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Tenderness in the neck: C7		
PtTenderNeckLevelC7	Frequency	Percent
0	3127	94.36
1	187	5.64

Tenderness in the neck: Anterior		
PtTenderNeckAnt	Frequency	Percent
0	3298	99.52
1	16	0.48

Tenderness in the neck: Posterior		
PtTenderNeckPos	Frequency	Percent
0	3071	92.67
1	243	7.33

Tenderness in the neck: Lateral		
PtTenderNeckLat	Frequency	Percent
0	3130	94.45
1	184	5.55

Tenderness in the neck: Midline		
PtTenderNeckMid	Frequency	Percent
0	3013	90.92
1	301	9.08

Other neck tenderness		
PtTenderNeckOther	Frequency	Percent
0	3110	93.84
1	204	6.16

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other neck tenderness text		
PtTenderNeckOthertxt	Frequency	Percent
	3109	93.81
right SCM	1	0.03
'all over'	1	0.03
'diffusely tender'	1	0.03
'lower neck'	1	0.03
'paraspinal'	1	0.03
'spine tenderness'	1	0.03
'upper c spine'	1	0.03
'upper csp tender'	1	0.03
(L) trapezius	1	0.03
(R) SCM	1	0.03
+ cspine tenderness	1	0.03
Base of the neck	1	0.03
C-Spine	1	0.03
C-spine	2	0.06
C7-T1	1	0.03
C8	1	0.03
Diffuse	1	0.03
L paraspinal tend.	1	0.03
Left paraspinous	1	0.03
Left paraspinous/traps	1	0.03
Left paraspinus	1	0.03
Lower	1	0.03
Lower C / upper T spine	1	0.03
R-SCM	1	0.03
R>L ; upper>lower	1	0.03
RN noted that pt had tenderness when neck was palpated by doctor but was not specific to region.	1	0.03
Right	1	0.03
Right lateral soft tissue near origin of SCM and just posterior to that	1	0.03
Right stemochido mastoid	1	0.03
SCM	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other neck tenderness text		
PtTenderNeckOthertxt	Frequency	Percent
Sternocleidomastoid on rt side	1	0.03
T spine	1	0.03
T-spine	1	0.03
T1	7	0.21
T1, T2	1	0.03
Upper C/S	1	0.03
Upper to mid c-spine	1	0.03
along spinal processes	1	0.03
at insertion of SCM	1	0.03
base of neck	1	0.03
base of skull and upper c-spine	1	0.03
bilateral paraspinal muscles	1	0.03
bilateral paraspinous muscles	1	0.03
bony	1	0.03
c-spine	8	0.24
c-spine tenderness	1	0.03
central c spine tenderness	1	0.03
cervical musculature	1	0.03
cervical spine	1	0.03
cervical spinous processes	1	0.03
cspine - diffuse, nonspecific tenderness	1	0.03
diffguse across paraspinal musculature	1	0.03
diffuse	8	0.24
diffuse c-spine tenderness	1	0.03
diffuse c-spine ttp	1	0.03
diffuse paraspinal tenderness in cervical area	1	0.03
diffuse tenderness along c-spine	1	0.03
diffuse to lower c-spine	1	0.03
diffuse, throughout, all-over	1	0.03
diffuse, top to bottom	1	0.03
diffusely TLS spine	1	0.03
diffusely tender	2	0.06

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other neck tenderness text		
PtTenderNeckOthertxt	Frequency	Percent
diffusely, lower > upper	1	0.03
elevation of arms over his head and forward flexion	1	0.03
entire cervical spine	1	0.03
everywhere	1	0.03
in cervical spine area	1	0.03
in the paravertebral musculature	1	0.03
inconsistent tender over C/T spine	1	0.03
left over sternocleidomastoid	1	0.03
left paraspinal	1	0.03
left paraspinal muscles	1	0.03
left paraspinous	1	0.03
left paravertebral tenderness	1	0.03
left shoulder	1	0.03
left side	2	0.06
left side of neck	1	0.03
left sternocleidomastoid muscle	2	0.06
left trapezius muscle with spasm	1	0.03
lower	1	0.03
lower C-spine	3	0.09
lower c-spine	8	0.24
lower c-spine tend.	1	0.03
lower cervical vertebrae	1	0.03
lower portion of C-Spine	1	0.03
mid C-Spine	1	0.03
mid C-spine	1	0.03
mid and lower C-spine	1	0.03
mid c-spine	1	0.03
mid cervical region	1	0.03
mid-low	1	0.03
mid-lower Cspine TTP	1	0.03
mid-upper cervical spine	1	0.03
midcervical	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other neck tenderness text		
PtTenderNeckOthertxt	Frequency	Percent
midcervical and papspinal musculature	1	0.03
mild diffuse	1	0.03
mild left and right paraspinal tenderness	1	0.03
mild tenderness diffusely	1	0.03
muscular	1	0.03
no specific level documented	1	0.03
non-focal	1	0.03
not documwented	1	0.03
not localizable	1	0.03
null	1	0.03
over abrasions	1	0.03
paracervical	1	0.03
paracervical area	1	0.03
paraspinal	10	0.30
paraspinal muscle tenderness	3	0.09
paraspinal muscles	3	0.09
paraspinal muscular tenderness, left greater than right	1	0.03
paraspinal musculature	1	0.03
paraspinal musculature, trapezius	1	0.03
paraspinous	4	0.12
paraspinous and midline c2 through t4	1	0.03
paraspinous and spinous throughout	1	0.03
paraspinous muscles	1	0.03
paraspinously	1	0.03
perivertebral	1	0.03
posterior muscle	1	0.03
reproducible	1	0.03
right jaw	1	0.03
right paraspinous tendernous	1	0.03
right side	2	0.06
right sternocladomastoid muscle and over cspine	1	0.03
right trapezius and paraspinal muscles	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other neck tenderness text		
PtTenderNeckOthertxt	Frequency	Percent
rt paracervical	1	0.03
several thoracic spinous processes	1	0.03
spinous process	1	0.03
spinous tenderness over the lower cervical spine	1	0.03
sternocleidomastoid	1	0.03
sternocleidomastoid muscle	2	0.06
sternocleidomastoid muscles bilaterally	1	0.03
superior cervical spine tenderness	1	0.03
t-spine	1	0.03
tender over c-spine	1	0.03
tender throughout no point tenderness	1	0.03
top of c-spine	1	0.03
trapezius	1	0.03
upper	3	0.09
upper C spine	1	0.03
upper c spine	1	0.03
upper c-spine	3	0.09
upper cervical region	2	0.06
upper cspine tenderness	1	0.03
upper neck	2	0.06
upper portion of C-spine	1	0.03
when flexing neck	1	0.03

Other neck tenderness finding deemed consistent with posterior midline neck tenderness by consensus panel		
PtTenderNeckOtherTxtCat	Frequency	Percent
	3194	96.38
YES	120	3.62

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Tenderness in the Chest		
PtTenderChest	Frequency	Percent
0	3173	95.75
1	141	4.25

Tenderness in the Back		
PtTenderBack	Frequency	Percent
0	2886	87.09
1	428	12.91

Tenderness in the Flank		
PtTenderFlank	Frequency	Percent
0	3288	99.22
1	26	0.78

Tenderness in the Abdomen		
PtTenderAbd	Frequency	Percent
0	2980	89.92
1	334	10.08

Tenderness in the Pelvis		
PtTenderPelvis	Frequency	Percent
0	3216	97.04
1	98	2.96

Tenderness in the Extremities		
PtTenderExt	Frequency	Percent
0	2839	85.67
1	475	14.33

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Did the patient have limited range of motion of the neck or torticollis?		
LimitedRangeMotion	Frequency	Percent
3	78	2.35
4	2177	65.69
N	602	18.17
NA	61	1.84
ND	236	7.12
Y	160	4.83

Aside from tenderness on exam, was there any other clinical evidence of substantial injuries?		
OtherInjuries	Frequency	Percent
N	2457	74.14
ND	35	1.06
Y	822	24.80

Substantial Injuries to the: Head		
OtherInjuriesHead	Frequency	Percent
0	2904	87.63
1	410	12.37

Substantial Injuries to the: Face		
OtherInjuriesFace	Frequency	Percent
0	3150	95.05
1	164	4.95

Substantial Injuries to the: Neck		
OtherInjuriesNeck	Frequency	Percent
0	3271	98.70
1	43	1.30

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Substantial Injuries to the: Chest		
OtherInjuriesChest	Frequency	Percent
0	3234	97.59
1	80	2.41

Substantial Injuries to the: Back		
OtherInjuriesBack	Frequency	Percent
0	3296	99.46
1	18	0.54

Substantial Injuries to the: Flank		
OtherInjuriesFlank	Frequency	Percent
0	3312	99.94
1	2	0.06

Substantial Injuries to the: Abdomen		
OtherInjuriesAbd	Frequency	Percent
0	3238	97.71
1	76	2.29

Substantial Injuries to the: Pelvis		
OtherInjuriesPelvis	Frequency	Percent
0	3279	98.94
1	35	1.06

Substantial Injuries to the: Extremities		
OtherInjuriesExt	Frequency	Percent
0	3009	90.80
1	305	9.20

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Aside from tenderness on exam, was there any other clinical evidence of minor injuries?		
MinorInjuries	Frequency	Percent
N	1574	47.50
ND	29	0.88
Y	1711	51.63

Minor Injuries to the: Head		
MinorInjuriesHead	Frequency	Percent
0	2572	77.61
1	742	22.39

Minor Injuries to the: Face		
MinorInjuriesFace	Frequency	Percent
0	2496	75.32
1	818	24.68

Minor Injuries to the: Neck		
MinorInjuriesNeck	Frequency	Percent
0	3227	97.37
1	87	2.63

Minor Injuries to the: Chest		
MinorInjuriesChest	Frequency	Percent
0	3135	94.60
1	179	5.40

Minor Injuries to the: Back		
MinorInjuriesBack	Frequency	Percent
0	3139	94.72
1	175	5.28

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Minor Injuries to the: Flank		
MinorInjuriesFlank	Frequency	Percent
0	3246	97.95
1	68	2.05

Minor Injuries to the: Abdomen		
MinorInjuriesAbs	Frequency	Percent
0	3162	95.41
1	152	4.59

Minor Injuries to the: Pelvis		
MinorInjuriesPelv	Frequency	Percent
0	3220	97.16
1	94	2.84

Minor Injuries to the: Extremities		
MinorInjuriesExt	Frequency	Percent
0	2485	74.98
1	829	25.02

Did the patient have any paresthesias (abnormal tactile sensation)?		
PtParesthesias	Frequency	Percent
3	149	4.50
N	2265	68.35
NA	431	13.01
ND	290	8.75
Y	179	5.40

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Did the patient have any loss of sensation (loss of feeling in any region of body)?		
PtSensoryLoss	Frequency	Percent
3	149	4.50
N	2447	73.84
NA	268	8.09
ND	299	9.02
Y	151	4.56

Did the patient have any extremity weakness?		
PtExtremityWeakness	Frequency	Percent
3	147	4.44
N	2634	79.48
NA	179	5.40
ND	176	5.31
Y	178	5.37

Did the patient have a neurological deficit other than paresthesias, loss of sensation or extremity weakness?		
OtherNeuroDeficit	Frequency	Percent
N	2712	81.83
NA	142	4.28
ND	213	6.43
Y	247	7.45

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
	3067	92.55
'acting confused,' 'now intermittantly awake'	1	0.03
'amnestic of event'	1	0.03
'focal neuro deficits'	1	0.03
'has tremors when he is trying to lift something and the pain increases when he is carrying something with his left upper extremity.' 'has decreased jerks in all of the four extremities and even superficial abdominal reflex is decreased but this may be because of his obesity.'	1	0.03
'min blurry vision on L'	1	0.03
??? 1st no movement. Pupil 2/3 not reactive. No gag.	1	0.03
AMS, confused, not following commands	1	0.03
Altered Mental Status	1	0.03
Amnesia to event	1	0.03
BLURRY VISION	1	0.03
Both pupils dilated	1	0.03
Decreased LOC	1	0.03
Decreased rectal tone	2	0.06
Decreased sphincter tone	1	0.03
Dizzy	1	0.03
Eyes upper deviation. Pupils minimally reactive. Decrease rectal tone after ???	1	0.03
Feeling of arm heaviness	1	0.03
GCS 10-11	2	0.06
GCS 15 --> 11	1	0.03
GCS 3	1	0.03
GCS 6	2	0.06
GCS 7	1	0.03
GCS 8	1	0.03
History of vision loss which spontaneously resovled	1	0.03
Increased DTR, babinski reflex	1	0.03
Intoxicated	1	0.03
L 6th nerve palsy	1	0.03
Left afferent pupillary defect	1	0.03
Left pupil 4 to 2 Right pupil 3 to 2 sluggish.	1	0.03
Left pupil dilated & reactive vs right,	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
Left pupil sluggish compared to right 4 ->2, decreased rectal tone,	1	0.03
Mildly confused, some difficulty following instructions	1	0.03
No rectal tone	1	0.03
No reflexes	1	0.03
Nonreactive pupils (2mm)	1	0.03
Not moving left arm or leg	1	0.03
On arrival, eyes deviated to left, left pupil sluggish, no response to stimuli	1	0.03
Poor rectal tone	1	0.03
Priapism	1	0.03
Pupils 1-2 mm & reactive to light, preterential gaze to right but eyes do cross midline spontaneously. Neuro PE is waxing & waning.	1	0.03
Pupils 3 mm bilateral midline non-reactive	1	0.03
Pupils 3/3 sluggish	1	0.03
Pupils 6/6 non-reactive, decreased rectal tone	1	0.03
Pupils disconjugated, posturing in bilateral upper extremities, positive gag/weak; no corneals; decrease rectal tone	1	0.03
Pupils fixed and dilated; no corneals; no gag	1	0.03
Pupils nonreactive; Decreased rectal tone	1	0.03
Pupils unequal R>L	1	0.03
Pupils: right 8 mm fixed left 6mm slightly reactive	1	0.03
Quadriplegia	1	0.03
R pupil 5 and nonreactive, L pupil 3 and nonreactive, decerebrate posturing	1	0.03
R pupil constricted/sluggish. L pupil dilated. Extensor posturing	1	0.03
Repetitive questioning	1	0.03
Roving eye movements	1	0.03
SLOW TO ANSWER	1	0.03
Sleepy	1	0.03
Sluggish pupils, decreased rectal tone	1	0.03
Status Epilepticus	1	0.03
Subtle dysmetria on nose-to-finger; Other cerebellar findings normal	1	0.03
Wax and wane	1	0.03
absent rectal tone; fixed dilated pupils	1	0.03
agitated,confused and uncooperative	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
altered mental status	11	0.33
amnesia	4	0.12
amnesia of event	1	0.03
amnesia of event,dizziness	1	0.03
amnesia to event	1	0.03
amnesia, vomiting	1	0.03
aphasia, trembling right hand, unsteadiness on her feet, mild facial weakness	1	0.03
arousable to pain only, somnolent	1	0.03
became apneic and was intubated 30 minutes after arrival	1	0.03
blown right pupil	1	0.03
blurred vision	1	0.03
blurry vision, unsteady gait	1	0.03
cerebral palsy	1	0.03
comatose	2	0.06
combative	1	0.03
combative, decreased LOC, decreased respiratory effort.	1	0.03
combative, not following commands	1	0.03
confused groaning, eye opening with painful stimuli only, no motor movement	1	0.03
confused, combative	1	0.03
confused, perseverating	1	0.03
confusion	1	0.03
confusion; seizure	1	0.03
decerebrate posturing	1	0.03
declining level of consciousness	1	0.03
decr rectal tone	1	0.03
decrease rectal tone	1	0.03
decreased DTRs	1	0.03
decreased LOC	1	0.03
decreased hearing grossly L ear	1	0.03
decreased mental status	2	0.06
decreased rectal tone	5	0.15
decreased rectal tone due to paralytics	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
decreased rectal tone s/p paralyzation	1	0.03
decreased rectal tone, sluggish pupils, abnormal eye tracking	1	0.03
decreased right eyelid mobility	1	0.03
decreased mental status	1	0.03
developmental delay	1	0.03
diminished rectal tone and priapism	1	0.03
diminished rectal tone, intermittent priapism	1	0.03
diminished but present rectal tone	1	0.03
disoriented to time, place (knew only her name)	1	0.03
dizziness	1	0.03
dizziness, nausea, dizziness	1	0.03
dizzy	1	0.03
dozes off at times	1	0.03
drowsy and slow to respond to verbal questions	1	0.03
erection, decreased rectal tone	1	0.03
extremity weakness by history only, not present on any exam	1	0.03
eyes deviated to left; urinary incontinence.	1	0.03
fast eye blinking per minute but no seizure activity	1	0.03
fixed and dilated pupils	1	0.03
fixed pupils	1	0.03
fixed, dilated pupils	1	0.03
flexural posturing	1	0.03
focal seizure	1	0.03
foot drop	1	0.03
fussy baby who was somewhat obtunded but easily arousable.Pupils sluggish with frequent right upper eye deviation and dysconjugate gaze	1	0.03
groggy	1	0.03
hard to arouse	1	0.03
hearing in L ear decreased compared to R	1	0.03
history documented of tingling prior to arrival	1	0.03
history of seizure	1	0.03
horizontal nystagmus	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
hyperesthesias to right arm/hand	1	0.03
hypoxic brain injury	1	0.03
in and out of consciousness/ lethargic	1	0.03
incontinent of urine	1	0.03
increased tone in lower extremities	1	0.03
lateral rectus deficit	1	0.03
lax rectal tone	1	0.03
left pupil was 4mm and sluggishly responsive	1	0.03
left sided hemiparesis, loss of proprioception in left great toe	1	0.03
less responsive, waxing/waning, gcs dropped to 7	1	0.03
lethargic	2	0.06
lethargy	2	0.06
little spontaneous movement, poor suck and gag, plantar increased	1	0.03
little to no rectal tone	1	0.03
loss of rectal tone,pupils fixed and dialated bilaterally	1	0.03
mental retardation	1	0.03
mild bilateral visual field deficit	1	0.03
mild decreased rectal tone	1	0.03
mild decreased sphincter tone	1	0.03
minimally reactive pupils	1	0.03
no UE movement, brisk withdrawal of LEs	1	0.03
no cough, no gag, cannot elicit any movement of lower extremities	1	0.03
no grip strength, lack of triceps reflex, inability to extend at elbow and wrist	1	0.03
no rectal tone	2	0.06
no rectal tone - paralyzed	1	0.03
no rectal tone; priapism; no reflexes on lower ext	1	0.03
non-reactive pupils	1	0.03
nonreactive pupils	1	0.03
nonverbal snice accident, eyes deviated to left	1	0.03
not following commands, best verbal is 'mommy'	1	0.03
not moving RLE 'non truamatic pseudoparalysis)	1	0.03
paralysis	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
paralysis of lower extremities	1	0.03
paralysis of the right upper extremity	1	0.03
paralyzed below nipple line	1	0.03
persistent memory deficit	1	0.03
poor rectal tone	1	0.03
poor rectal tone; unreactive, pinpoint pupils	1	0.03
postictal	1	0.03
posturing, dialated pupils, vomiting, irregular respirations.	1	0.03
pre- existing developmental delay	1	0.03
priapism	2	0.06
priapism, bulbocavernosus reflex, no rectal tone	1	0.03
priapism, diminished rectal tone	1	0.03
priapism; fixed pupils	1	0.03
priapism; pupils dilated and nonreactive	1	0.03
priaprism; decreased rectal tone;	1	0.03
prolonged change in mental status after this significant fall	1	0.03
pt had paresthesias to LUE and LLE initially after accident; this had resolved by time of initial evaluation in the ED; no other neuro symptoms reported	1	0.03
pt has CP, nonverbal	1	0.03
pupils 4mm fixed	1	0.03
pupils dilated 6mm, disconjugate gaze	1	0.03
pupils dilated and nonreactive; no reflexes; flaccid tone	1	0.03
pupils dilated nonreactive	2	0.06
pupils fixed	1	0.03
pupils fixed dialated	1	0.03
pupils fixed nonreactive	1	0.03
pupils pinpoint minimally reactive	1	0.03
pupils sluggish	1	0.03
pupils sluggish- Left pupil 5mm, right pupil 3 mm, decreased rectal tone	1	0.03
pupils small ~2mm minimally reactive; bilateral upgoing toes	1	0.03
pupils small, minimally reactive but gaze more conjugate as more responsive	1	0.03
rectal exam was flaccid	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

If yes, please describe the neurological deficit		
OtherNeuroDeficitDesc	Frequency	Percent
rectal tone poor	1	0.03
reduced use of RLE	1	0.03
retro amnesia	1	0.03
right true vocal cord paralysis	1	0.03
seizing, eyes left gaze, nystagmus	1	0.03
seizure	3	0.09
seizure activity	1	0.03
seizure shortly after arrival to ED	1	0.03
selective attention (head turned) to right	1	0.03
sleepy	2	0.06
slow to respond to questions	1	0.03
slowed mentation	1	0.03
sluggish pupils	1	0.03
sluggish right pupil; decreased rectal tone	1	0.03
slurred speach	1	0.03
slurred speech	1	0.03
slurred speech, dizzy	1	0.03
small, apparently fixed pupils at 2mm equal bilaterally but with a dysconjugate gaze	1	0.03
somnелence, nausea	1	0.03
somnolent	1	0.03
somnolent, AOX1, mumbles to verbal requests	1	0.03
tingling around neck	1	0.03
unequal pupils R5-3; L 3-2	1	0.03
unequal pupils; no gag; no rectal tone; absent DTRs; does not move to painful stimulus	1	0.03
unresponsive	2	0.06
unresponsiveness	1	0.03
vertigo	1	0.03
visual changes	1	0.03
vomitting, irritated and confused.	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other neurologic finding deemed consistent with spine injury by consensus panel		
OtherNeuroDeficitDescCat	Frequency	Percent
	3077	92.85
NO	165	4.98
YES	72	2.17

Is there documentation that cervical spine precautions were in place after initial evaluation at the study site?		
CSpinePrecautions	Frequency	Percent
N	1297	39.14
YD	1955	58.99
YND	62	1.87

Cervical Collar		
CSpinePrecautionsCC	Frequency	Percent
0	1430	43.15
1	1884	56.85

Rigid long board		
CSpinePrecautionsRLB	Frequency	Percent
0	3102	93.60
1	212	6.40

Other method of cervical spine immobilization		
CSpinePrecautionsOther	Frequency	Percent
0	3267	98.58
1	47	1.42

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other method of cervical spine immobilization (details)		
CSpinePrecautionsOthertxt	Frequency	Percent
	3267	98.58
'full immobilization'	1	0.03
'stretcher with a back brace and neck brace on'	1	0.03
Cspine board	1	0.03
Gardner Wells Tongs	1	0.03
Guilford brace	1	0.03
Head blocks	1	0.03
KED	1	0.03
KED Board with folded towel	1	0.03
KED board	3	0.09
KED board padded with towel	1	0.03
Long baord	1	0.03
Phily Collar	1	0.03
Sand bags	1	0.03
care partner immobilization	1	0.03
full immobilization	1	0.03
halo traction machine, application of gardner wells tongs with traction reduction of fracture	1	0.03
head bulsters	1	0.03
manual	9	0.27
manual immobilization	3	0.09
manual immobilization and towel	1	0.03
manual immobilization and traction	1	0.03
manul immobilization	1	0.03
neck brace	1	0.03
neck rolls	1	0.03
papoose	1	0.03
papoose board	1	0.03
pompoose/tape/blankets	1	0.03
rolls	1	0.03
sand bags	2	0.06
sandbags placed to either side of head	1	0.03
soft collar	2	0.06

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other method of cervical spine immobilization (details)		
CSpinePrecautionsOthertxt	Frequency	Percent
towel	1	0.03
towels and head taped to car seat	1	0.03

Is there documentation that medications were given during the initial evaluation at the study site?		
MedsGiven	Frequency	Percent
N	1561	47.10
Y	1753	52.90

Analgesics		
MedsGivenAna	Frequency	Percent
0	2067	62.37
1	1247	37.63

Glucocorticoids		
MedsGivenGlu	Frequency	Percent
0	3200	96.56
1	114	3.44

Paralytics		
MedsGivenPar	Frequency	Percent
0	3140	94.75
1	174	5.25

Sedatives		
MedsGivenSed	Frequency	Percent
0	2900	87.51
1	414	12.49

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication		
MedsGivenOther	Frequency	Percent
0	2735	82.53
1	579	17.47

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
	2735	82.53
'Ancef'	1	0.03
'LET'	1	0.03
(LET) Topical lidocaine/epinephrine/tetracaine	1	0.03
0.9 N/S	1	0.03
ANCEF	3	0.09
ANTIBIOTIC	1	0.03
ANTIBIOTICS	2	0.06
ANTIBIOTICS, antiemetics	1	0.03
ANTIEMETICS	2	0.06
ANZAMET, REGLAN, ORAL CONTRAST	1	0.03
Ancef	29	0.88
Ancef, Antivan, Td	1	0.03
Ancef, Dilantin, lidocaine	1	0.03
Ancef, Gent	1	0.03
Ancef, Gentamicin	1	0.03
Ancef, Gentamycin	1	0.03
Ancef, Gentomycin	1	0.03
Ancef, Td, LET, lidocaine	1	0.03
Ancef, Tetanus	1	0.03
Ancef, Zantac	1	0.03
Ancef, clindamycin, Td	1	0.03
Ancef, dT	1	0.03
Ancef, dT, LET	1	0.03
Ancef, epiniphrine	1	0.03
Ancef, lidocaine	1	0.03
Ancef, tetanus, DTP	1	0.03
Ancef,Gentamycin	1	0.03
Ancef,Phenergan	1	0.03
Anti emetic	1	0.03
Antibiotics	2	0.06
Anticonvulsant	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
Anzamet	1	0.03
Ativan	1	0.03
Atropine, Lidocaine	1	0.03
Atropine, ketamine, cefazolin	1	0.03
Atropine, lidocaine	3	0.09
Atropine, lidocaine, Dilantin	1	0.03
Atropine, lidocaine, fosphenytoin, mannitol	1	0.03
Atropine, lidocaine, mannitol	1	0.03
Atropine,lidocaine	1	0.03
Bacitracin	1	0.03
Bactrim, Septra	1	0.03
Benadryl	3	0.09
Bendryl	1	0.03
Cefazoline,Gentamicin	1	0.03
Clacium gluconate, Sodium Bicarb, Tetanus	1	0.03
D5 (?), Fentanyl, Versed, Ancef	1	0.03
D5 1/2 NS + 20meq KCL	1	0.03
DECADRON	1	0.03
DT	2	0.06
DT via IM injection	1	0.03
Dilantin	2	0.06
Dopamie, Epi	1	0.03
Dopamine, Neo-synephrine iv	1	0.03
Droperidol	1	0.03
Epi drip	1	0.03
Epinephrine	1	0.03
Epinephrine, phenylephrine, Neo-synephrine, Gentamicin,zosyn,Fluconazole,Cefazolin,heparin,zantac,milrinone,Bacitracin,pentobarbital, vasopressin,insulin, potassium, dilantin	1	0.03
Erythromycin	1	0.03
Etomidate	1	0.03
FFP, Etomadate, Lido	1	0.03
Factor 8	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
Fentanyl	1	0.03
Fentanyl, Gent, ancef	1	0.03
Flexeril	3	0.09
Fosphenytoin	4	0.12
Fosphenytoin, Mannitol	1	0.03
Gastrografin	1	0.03
INSLUIN	1	0.03
Inapsine	1	0.03
Inaspine	1	0.03
Keflex, epinephrine, saline	1	0.03
Kefzol	1	0.03
Ketamine	1	0.03
Ketamine, Zofran	1	0.03
LET	7	0.21
LET, Dilaudid	1	0.03
LET, Td booster	1	0.03
LET, tetanus	1	0.03
Lidocaine	2	0.06
Lidocaine 1% (subcutaneous)	1	0.03
Lidocaine, Ancef, Gentamycin, Dopamine, Epinephrine	1	0.03
Lidocaine, Ativan	1	0.03
Lidocaine, Atropine	1	0.03
Lidocaine, Fosphenytoin.	1	0.03
Lidocaine, Pepcid	1	0.03
Lidocaine.	1	0.03
Maalox	1	0.03
Maalox, Benadryl, Zofran	1	0.03
Mannitol	5	0.15
Mannitol, Claforan, Atropine	1	0.03
Mannitol, Dilantin	1	0.03
Mannitol, Fosphenytoin	1	0.03
Mannitol, code drugs: Atropine, Epinephrine, Bicarb, Calcium	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
Mannitol, dopamine	1	0.03
Motrin	1	0.03
Naloxone, Zofran	1	0.03
ORAL CONTRAST	1	0.03
Ondansetron	1	0.03
Penicillin,clindamycin	1	0.03
Pentobarbital	1	0.03
Pepcid, Bisacodyl, epinephrine drip	1	0.03
Percocat, LET, Td, Keflex	1	0.03
Phenergan	4	0.12
Phenergan, Zofran	2	0.06
Phosphenytoin	1	0.03
Phosphenytoin, Etomidate	1	0.03
Prependal,Dropendal	1	0.03
Procaine, Cyclogel	1	0.03
Quelicin, Atropine	1	0.03
RISPERDOL AND ADDERALL PER HOME SCHEDULE	1	0.03
RSI	1	0.03
RSI, Lidocaine, Atropine, Etomidate	1	0.03
Reglan	2	0.06
STEROIDS	1	0.03
Seroquel	1	0.03
Td	4	0.12
Tetanus, Ancef	1	0.03
Tetnus booster	1	0.03
Tetnus, Ancef	1	0.03
Tigan	1	0.03
Topical	1	0.03
Toradol	5	0.15
Trazodone, Risperdal	1	0.03
Unasyn	5	0.15
Unasyn, glycopyrrolate	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
Zantac	4	0.12
Zithromax	1	0.03
Zofran	14	0.42
Zofran, Depakote	1	0.03
Zofran, Ketamine, Gentamicin	1	0.03
Zofran, Phenergan, Ancef	1	0.03
Zofran, atropine. Ketamine	1	0.03
Zofran, dilantin	1	0.03
albuterol	1	0.03
albuterol for wheeze	1	0.03
amoxicillin	2	0.06
ampicillin, ketamine, atropine	1	0.03
ampicillin/sublactam	1	0.03
ancef	12	0.36
ancef, gentamicin	1	0.03
ancef, morphine	1	0.03
ancef, roccuronium, versed	1	0.03
ancef,manitol	1	0.03
antibiotics	1	0.03
antibiotic	4	0.12
antibiotic(ancef), antiemetic (phenergan)	1	0.03
antibiotic, atropine	1	0.03
antibiotics	10	0.30
antibiotics and antivirals	1	0.03
antibiotics, PRBCs, Tetanus	1	0.03
antibiotics, antiemetics	1	0.03
antibiotics, antiepileptics, antihypertensive, diuretic	1	0.03
antibiotics, lidocaine, atropine	1	0.03
antibiotics, reglan	1	0.03
antibodies	1	0.03
anticonvulsant	1	0.03
antiemetic	2	0.06

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertext	Frequency	Percent
antiemetics	6	0.18
antiemetics, benadryl	1	0.03
antiepileptic	1	0.03
antiepileptic, diuretic	1	0.03
antiepileptic; antibiotics	1	0.03
antiepileptics, mannitol	1	0.03
anzamet	3	0.09
anzemet	1	0.03
ativan	2	0.06
ativan, fosphenytoin, rocuronium, versed	1	0.03
ativan, morphine	1	0.03
ativan, vecuronium,fentanyl,	1	0.03
atropine	9	0.27
atropine, Epi, calcuim gloconate, bicarb	1	0.03
atropine, fosphenytoin	1	0.03
atropine, heparin, mannitol, epinephrine, blood, CaCl,Nabicarbonat	1	0.03
atropine, lidocaine	9	0.27
atropine, lidocaine, dilantin	1	0.03
atropine, lidocaine, epinephrine	1	0.03
atropine, lidocaine, mannitol, phenytoin	1	0.03
atropine,lidocaine, fosphenytoin	1	0.03
atropine; antibiotics	1	0.03
atropine; thiopental	1	0.03
benadryl	2	0.06
benadryl, gentamicin ophthalmic	1	0.03
bicarb, antibiotics, dopamine	1	0.03
calcium gluconate	1	0.03
cefazolin	2	0.06
cefazolin, pepcid, fosphenytoin, mannitol	1	0.03
cefotetan	1	0.03
cefuroxime, TPN, Zantac, Zinacef	1	0.03
charcoal, versed, vercunonium	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
clindamycin	4	0.12
clindamycin, DT	1	0.03
compazine 6mg	1	0.03
contrast, anicef	1	0.03
d5/.45NS with 20 meqKCL	1	0.03
dT	1	0.03
ddavp	1	0.03
dilantin	2	0.06
dilantin and phenobarbital	1	0.03
dilantin, fosphenytoin	1	0.03
diphenhydramine	2	0.06
diuretics, antiepileptic	1	0.03
dopamine	5	0.15
dopamine, pitressin, manitol	1	0.03
dt, Kefzol	1	0.03
epi, atropine	1	0.03
epi, dopamin	1	0.03
epi, dopamine, Ca, THAM	1	0.03
epinephrine, atropine, bicarbonate, calcium	1	0.03
epinephrine, bicarb, calcium, THAM, insulin, glucose	1	0.03
epinephrine, calcium chloride	1	0.03
epinephrine, dopamine	3	0.09
epineprine, atropine, bicarbonate	1	0.03
fentanyl	4	0.12
fentanyl, atropine, versed,ketamine	1	0.03
fentanyl, lidocaine	1	0.03
fentanyl, mannitol, pancuronium, fosphenytoin	1	0.03
fentanyl, fosphenytoin	1	0.03
flexeril	2	0.06
fosphenytion	1	0.03
fosphenytoin	4	0.12
fosphytoin	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
gastrograffin	3	0.09
gastrografin	1	0.03
gentamycin, ancef	1	0.03
gentamycin, clindamycin	1	0.03
gentamycin, mannitol	1	0.03
heparin	1	0.03
heprin, norepinephrine	1	0.03
humalog	1	0.03
hypaque	1	0.03
inapsine	1	0.03
inotropes and pressors	1	0.03
insulin	1	0.03
kefzol	2	0.06
kefzol, 2gm, ivpb	1	0.03
kefzol, morphine	1	0.03
kefzol,lidocaine,gentamycin	1	0.03
kefzol,phenegran	1	0.03
ketamine and atropine	1	0.03
ketamine, atropine	2	0.06
ketamine,atropine	1	0.03
ketorolac (?sp)	1	0.03
lidocain,atropine,zofran	1	0.03
lidocaine	6	0.18
lidocaine, etomidate,succinylcholine, Versed , vercuronium, fentanyl	1	0.03
lidocaine, ampicillin	1	0.03
lidocaine, famotidine, reglan	1	0.03
lidocaine,mannitol	1	0.03
lidocaine/epinephrine/tetracaine for facial wound	1	0.03
local anesthetic	1	0.03
mag sulfate	1	0.03
magnesium sulfate	1	0.03
manitol	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
mannitol	9	0.27
mannitol, antiepileptic	1	0.03
mannitol, atropine	1	0.03
mannitol, dextrose	1	0.03
mannitol, dilantin, Td	1	0.03
mannitol, dilantin, cefazolin	1	0.03
mannitol, dopamine	1	0.03
mannitol, hypertonic saline	1	0.03
mannitol, phenytoin	1	0.03
mannitol, vancomycin, ceftriaxone, dobutamine, zantac, pentobarbital, PBRC, albumin	1	0.03
marcaine	1	0.03
midazolam, pentobarbital	1	0.03
morphine	16	0.48
morphine sulfate	1	0.03
morphine, ativan	1	0.03
morphine, ativan, kefzol	1	0.03
morphine, dazepam	1	0.03
morphine, dopamine, fentanyl	1	0.03
morphine, fentanyl, ketamine	1	0.03
morphine, motrin	1	0.03
morphine, motrin, valium, flexeral	1	0.03
morphine, solumedrol, zofran, pecid	1	0.03
morphine, unasyn	1	0.03
morphine, versed	1	0.03
morphine, versed, ketamine, ancef,kefzol	1	0.03
morphine, zofran	1	0.03
nembutal	1	0.03
norcuron, versed, fentanyl	1	0.03
norepinephrine, dopamine, ancef	1	0.03
ondansetron	1	0.03
oral contrast	1	0.03
pentobarb	2	0.06

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
pentobarbital	1	0.03
pepcid	1	0.03
phenergan	16	0.48
phenergan, KCL	1	0.03
phenergan, zofran, ancef	1	0.03
phenergan,atropine	1	0.03
phenergan,pepcid,benadryl	1	0.03
phenergen	1	0.03
phenobarbital	1	0.03
phenobarbital, atropine, lidocaine, thiopental, rocuronium	1	0.03
phenobarbital	2	0.06
phenobarbital, Atropine, Mannitol	1	0.03
phenylephrine, dopamine	1	0.03
phenylephrine, lidocaine	1	0.03
phenytoin	1	0.03
phosphenytoin	1	0.03
pressors	1	0.03
propofal, versed	1	0.03
rocephin	1	0.03
sodium bicarbonate, dopamine	1	0.03
solumedrol	4	0.12
solumedrol, morphine, versed	1	0.03
solumedrol, pepcid	1	0.03
solumedrol, versed	1	0.03
steroids	1	0.03
tetanus	5	0.15
tetanus toxoid	1	0.03
tetanus vaccine	1	0.03
tetanus, Ancef	1	0.03
tetanus, ancef	1	0.03
tetanus, bacitracin	1	0.03
tetanus, dilantin	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Other Medication (details)		
MedsGivenOthertxt	Frequency	Percent
tetanus, lidocaine, neosporin	1	0.03
tetanus, mannitol	1	0.03
tetnus, epinephrine, dopamine	1	0.03
tetnus,ancef	1	0.03
topical anesthetic	4	0.12
toradol	2	0.06
toradol IV	1	0.03
torodol	1	0.03
unasyn	1	0.03
valium	3	0.09
vecuronium, versed	1	0.03
versed	2	0.06
versed, fentanyl	1	0.03
versed, fentanyl, rocuronium	1	0.03
versed, fentanyl, tylenol, morphine, zofran	1	0.03
versed, fentanyl, tylenol, propofol, zantac	1	0.03
versed, haldol	1	0.03
zantac	5	0.15
zofran	15	0.45
zofran,	1	0.03
zofran, morphine, solumedrol	1	0.03
zofran, solumedrol	1	0.03
zofran,ancef	1	0.03
zofran,ancef,fosphenytoin	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Is there documentation that the patient was intubated during the initial evaluation at the study site?		
IntubatedSS	Frequency	Percent
EXTUB	1	0.03
INTUB	201	6.07
NOTUB	2988	90.16
Y	124	3.74

What was the patient's disposition after the initial evaluation at the study site?		
EDDisposition	Frequency	Percent
DEATH	14	0.42
GEN	849	25.62
HOME	1590	47.98
ICU	629	18.98
OR	96	2.90
SHORT	130	3.92
TRANSFER	6	0.18

Did the patient undergo interventions for cervical stabilization at the study site?		
IntervForCervicalStab	Frequency	Percent
N	2537	76.55
Y	777	23.45

Cervical Stabilization: Soft Collar		
IntervForCervicalStabSCollar	Frequency	Percent
0	3164	95.47
1	150	4.53

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Cervical Stabilization: Rigid Collar		
IntervForCervicalStabRCollar	Frequency	Percent
0	2829	85.37
1	485	14.63

Cervical Stabilization: Brace		
IntervForCervicalStabBrace	Frequency	Percent
0	3289	99.25
1	25	0.75

Cervical Stabilization: Traction		
IntervForCervicalStabTraction	Frequency	Percent
0	3277	98.88
1	37	1.12

Cervical Stabilization: Surgical		
IntervForCervicalStabSurgical	Frequency	Percent
0	3151	95.08
1	163	4.92

Cervical Stabilization: Surgical - Halo		
IntervForCervicalStabHalo	Frequency	Percent
0	3207	96.77
1	107	3.23

Cervical Stabilization: Surgical - Internal Fixation		
IntervForCervicalStabIntFix	Frequency	Percent
0	3229	97.44
1	85	2.56

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Cervical Stabilization: Surgical - Other (describe)		
IntervForCervicalStabIntFtxt	Frequency	Percent
	3229	97.44
Arthrodesis of C4 to C6 using patient's own bone or autograft, Arthrodesis of C4 to C6 using zephir plating system, C5 corpectomy	1	0.03
1. C4-C5 microdiscectomy.2. Bilateral C4-C5 foraminotomy.3. C4-to-C5 anterior arthrodesis instrumentation using pre- fashioned cortical cancellous allograft X 1, plate X 1, screws X 4. 4. Posterior C4-to-C5 arthrodesis instrumentation using lateral mass screws X 2, rod X 1, spinous process cable X 1 with in situ autograft. 5. Open reduction of kyphotic deformity.	1	0.03
1. Posterior C1-2 transradicular screw fixation with implantation of custom occipital cervical U loop. 2. Right iliac crest bone graft and posterior craniocervical arthrodesis. 3. Open reduction of occipital cervical dislocation	1	0.03
1. Posterior cervical fusion with instrumentation C5-6. 2. C5-6 arthrodesis.	1	0.03
1. occiput to C3 arthrodesis instrumentation. 2. Image-guided placement of cervical screws. 3. Left iliac crest bone marrow aspiration. 4. Right C5-6 laminotomy	1	0.03
1.Anterior cervical C6 corpectomy 2. C5-6 and C6-7 discectomies 3. Placement of allograft bone from C5 to C7. 4. Anterior cervical plating from C5 to C7	1	0.03
A C4-5 anterior discectomy and fusion with allograft bone and anterior plating	1	0.03
Ala ring application; posterior cervical open reduction of perched facets; cervical instrumentation with sublaminar cable at C4-5; posterior cervical arthrodesis C4-5;	1	0.03
Anterior C4 corpectomy, open reduction of kyphotic deformity, C3-C5 arthrodesis instrumentation using fibular allograft packed with the patient's vertebral body autograft with codman cervical plate X1, screw 4	1	0.03
Anterior cervical discectomy and fusion and anterior cervical forminotomy with removal of anterior uncus on the right with placement of allograft bone and anterior cervical plate; placement of cervical tongs with closed reduction.	1	0.03
Anterior cervical plating, C2 to C6, Posterior bone and cable fusion from C2 to C6	1	0.03
Application of cervical tongs with open reduction of C1-C2 rotary subluxation, with Gallie fusion on 08/09/2001.	1	0.03
Arthrodesis and anterior cervical discectomy with Synthes plate and allograft bone fusion of C3-4	1	0.03
C1-2 Transarticular screw fixation	1	0.03
C1-2 transarticular screw fixation with rib intralaminar fusion	1	0.03
C1-C2 posterior fusion	1	0.03
C1-C2 posterior spinal fusion and iliac crest bone graft	1	0.03
C1-C2 transarticular screw fixation, posterior atlantoaxial arthrodesis	1	0.03
C3-4 posterior spinal fusion	1	0.03
C3-C6 fusion	1	0.03
C4 corpectomy and iliac crest bone graft	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Cervical Stabilization: Surgical - Other (describe)		
IntervForCervicalStabIntFixtxt	Frequency	Percent
C4 corpectomy with iliac bone graft and anterior cervical plate after cervical reduction in tongs	1	0.03
C4-C5 fusion	1	0.03
C5 corpectomy	1	0.03
C5 corpectomy with iliac crest bone graft fusion, Atlantis plate placement C4-C6	1	0.03
C5, C6 pedicle screw rod contralateral fusion	1	0.03
C5, C6, C7 posterior segmental fixation, arthrodesis, & bilateral lateral mass plates	1	0.03
C5-6 posterolateral fusion, C5-6 interspinous wiring	1	0.03
C6 corpectomy w/C5-C7 arthrodesis; c5-7 instrumented fusion with synthes 37mm anterior cervical plate	1	0.03
C6-C7 fusion	1	0.03
Craniocervical fusion. A. flouroscopy B. Sontag fusion of C1 and C2 using the patient's iliac crest and songeur table C. posterolateral fusion of the occiput to C1, C2, C3, and C4 using the patient's own bone plus allograft plus osteofil D. Occipital cervical fusion using the vertex system. The occipital bone was fused to the pedical of C2 and the lateral masses of C3 and C4. E. Procurement of iliac crest bone from the patient's iliac crest	1	0.03
Exploration and decompression of spinal canal	1	0.03
ORIF of C6-C7 locked facets as well as C7 corpectomy and C1 fusion as well as anterior cervical plate placement of C6 to T1, as well as C4 through T12 posterior spinal fusion with posterior instrumentation	1	0.03
Occiput to C3 fusion	1	0.03
Open reduction of cervical fracture dislocation, Posterior spinal fusion, C2 - C3, Posterior nonsegmental instrumentation, left illiac crest bone graft	1	0.03
Open reduction of fx, C1-2 fusion	1	0.03
Post-cervical fusion from occiput to C3 with left illiac crest bone graft	1	0.03
Posterior C1-2 transarticular screw fixation of C1 and C2 with posterior bone and Cable, closed manipulation of spine.	1	0.03
Posterior C1-2 transarticular screw fixaton. 2. Placement of occipital cervical U loop instrumentation. 3. Right posterior iliac crest bone graft harvesting. 4. Occipital cervical fixation from occiput to C2	1	0.03
Posterior C1-C2 transarticular screw fixation and application of occipital cervical ABT plate for occipital to C2 instrumentation	1	0.03
Posterior arthrodesis C1-2 with segmental fixation	1	0.03
Posterior c1-2 fusion with autologous iliac crest graft and saenger cables (modified Brooks fusion) and application of halo vest.	1	0.03
Posterior cervical fusion C2-3 with sutologous rib graft and interspinous wiring.	1	0.03
Posterior cervical fusion with spinous process wiring from C6 to C7	1	0.03
Posterior fusion C3-C6	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Cervical Stabilization: Surgical - Other (describe)		
IntervForCervicalStabIntFixtxt	Frequency	Percent
Posterior instrumented fusion C7-T1 using Songer cables. Posterior arthrodesis C7-T1 using 5cc of demineralized bone matrix. Open correction of kyphotic deformity.	1	0.03
Posterior occiput to C2 instrumentation with custom-made ABT 'U' loop coupled with C1-2 transarticular screws	1	0.03
Posterior spinal fusion	1	0.03
Posterior spinal fusion, C4-C5.	1	0.03
Posterior treatment of C1-2 subluxation, posteior occiput through C3 fusion with posterior segmental instrumentation. occiput through C3. Application of halo and morselized allograft bone. Occipital decompression and C1 laminectomy.	1	0.03
Transarticular screw fusion of C1-2; Sublaminar wiring fusion C1-2, i.e., Sonntag fusion.; Harvest of right iliac crest autograft	1	0.03
anterior cervical diskectomy and fusion with allograft and anterior cervical locking plate	1	0.03
anterior cervical plating from C2 to C4	1	0.03
arthrodesis from C4-C6, anterior cervical plating from C4-C6	1	0.03
c2-c3 fixation	1	0.03
c4-6 arthrodesis, c4-6 anterior instrumentation using a reflex stryker and cervical plate	1	0.03
cerv. fusion	1	0.03
cervial fusion	1	0.03
cervical fusion	1	0.03
cervical fusion	2	0.06
decompression and fusion	1	0.03
for craniocervical disruption, fixation occiput to C4 posteriorly	1	0.03
fusion	1	0.03
fusion w/ screws & rods	1	0.03
occipital C1 arthrodesis instrumentation	1	0.03
occipital cervical fusion with hardware construct	1	0.03
occiput to C1 - C2 fusion w/ auto graft	1	0.03
occiput to C2 posterior spinal fusion with ICBG	1	0.03
occiput to C3 posterior cervical arthrodesis with Luque rectangle and autograft using right iliac crest bone graft	1	0.03
odontoid screw	1	0.03
odontoid screw fixation	1	0.03
odontoid screw placement	2	0.06
open reduction and screw stabilization posterior c4-c5	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Cervical Stabilization: Surgical - Other (describe)		
IntervForCervicalStabIntFixtxt	Frequency	Percent
placement of sublamina and spinous process cables; bone graft C1, C2	1	0.03
posterior cervical fixation	1	0.03
posterior cervical fusion with instrumentation and interspinous wiring	1	0.03
posterior fusion	1	0.03
posterior fusion C4-C6	1	0.03
posterior segmental fixation at C5-6 with lateral mass screws and rods using the vertex system with placement of bone graft for fusion	1	0.03
posterior spinal fusion c1-c3	1	0.03
posterior spinal fusion with lateral mass screw fixation C6/7 with right posterior iliac crest graft	1	0.03
repair of cerebral meninges	1	0.03
transodontoid screw fixation of fracture	1	0.03

Cervical Stabilization: Other		
IntervForCervicalStabOther	Frequency	Percent
0	3283	99.06
1	31	0.94

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Cervical Stabilization: Other (describe)		
IntervForCervicalStabOthertxt	Frequency	Percent
	3283	99.06
C spinee immobilized with Towells	1	0.03
C6 vertebrectomy and fibular bone graft arthrodesis	1	0.03
Closed reduction	2	0.06
Craniocervical arthrodesis	1	0.03
Halo placed 5 days after HEDA visit, through outpatient ortho clinic	1	0.03
Halter traction	1	0.03
Miami J collar	1	0.03
Minerva cast	1	0.03
Surgical later on 10/4 -->C4-C5 anterior cervical disectomy and allograft fusion with plating	1	0.03
bone graft from suboccipital bone to C2	1	0.03
c-collar	1	0.03
c5 corpectomy	1	0.03
cervical collar type not specified in chart	1	0.03
collar placed in ED, type not specified	1	0.03
ctls brace	1	0.03
fiberglass cast over c-collar	1	0.03
intra operative reduction	1	0.03
left iliac crest bone graft	1	0.03
log roll only, bed head flat	1	0.03
long board	1	0.03
minerva cast	2	0.06
minerva orthosis	1	0.03
open reduction of spinal fracture	1	0.03
returned to study site on 8/28/03 and had surgery to put a halo in place	1	0.03
sandbags	2	0.06
traction	1	0.03
traction attempted but failed due to patient non-compliance	1	0.03
wore rigid collar for 10 days	1	0.03

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Did patient receive inpatient rehabilitation at the study site?		
LongTermRehab	Frequency	Percent
N	3195	96.41
Y	119	3.59

Was the patient transferred from the study site to a rehabilitation facility?		
TrfToLongTermRehab	Frequency	Percent
N	3176	95.84
Y	138	4.16

What was the patients neurological outcome at discharge from the study site?		
OutcomeStudySite	Frequency	Percent
DTH	62	1.87
N	3025	91.28
PND	227	6.85

Please classify the patients cognitive function		
OutcomeStudySiteNeuro	Frequency	Percent
	3087	93.15
MD	59	1.78
NR	113	3.41
PVS	5	0.15
SD	50	1.51

Please classify the patients mobility		
OutcomeStudySiteMobility	Frequency	Percent
	3087	93.15
DA	59	1.78
I	43	1.30
N	75	2.26
WD	50	1.51

Clinical Presentation in the Study Site public use dataset summary

The FREQ Procedure

Complete paraplegia		
OutcomeStudySiteMobility1	Frequency	Percent
0	3296	99.46
1	18	0.54

Complete quadriplegia		
OutcomeStudySiteMobility2	Frequency	Percent
0	3297	99.49
1	17	0.51

Please indicate the patients bowel function		
OutcomeStudySiteBowel	Frequency	Percent
	3087	93.15
I	55	1.66
N	172	5.19

Please classify the patients bladder function		
OutcomeStudySiteUrine	Frequency	Percent
	3087	93.15
C	37	1.12
I	34	1.03
N	156	4.71