



AIDE AU CODAGE DU BILAN LESIONNEL SCORE ISS Groupe TRAUMABASE

PREAMBULE

L'ISS (injury severity score) est un score dédié à l'évaluation lésionnelle du traumatisé. Le calcul de l'ISS est basé sur l'AIS (abbreviated injury scale). Il correspond à la somme des trois AIS les plus hauts (lésions les plus graves) élevés au carré parmi six régions prédéfinies : tête et cou, face, thorax, abdomen, membres et bassin, surface externe. La somme des carrés de ces trois AIS varie de 1 à 75 sachant que, si une lésion est cotée AIS 6 (fatale), le score ISS est arbitrairement fixé à 75 soit le plus haut score.

De très nombreuses publications considèrent qu'un polytraumatisé est grave lorsque son ISS est supérieur ou égal à 16. L'ISS est corrélé à la morbidité, la durée de séjour à l'hôpital et à la mortalité.

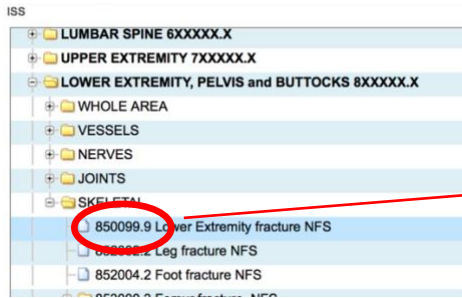
Toutes les lésions AIS permettant le calcul de l'ISS sont décrites par un ITEM « textuel » précédé d'un « code » avec 6 chiffres suivis d'un « point » puis d'un dernier chiffre allant de 1 à 6 ... c'est ce dernier chiffre qui permet le calcul de l'ISS !

ISS

441499.3 Lung NFS	
441699.2 Pericardium NFS	
441800.2 Pleura laceration	
442999.9 Thoracic injury NFS	
442200.3 Hemothorax NFS	➤ Hemothorax < 1L est codé AIS 3
442200.4 major; >1000cc blood loss on at least one side	➤ Hemothorax majeur > 1L est codé AIS 4
442200.2 Pneumothorax NFS	➤ Pneumothorax < 50% de collapsus pulmonaire est codé AIS 2
442200.4 major; >50% collapse of lung documented on xray; persistent air	➤ Pneumothorax > 50% de collapsus pulmonaire est codé AIS 4
442200.5 tension; massive air leak	➤ Pneumothorax compressif est codé AIS 5
442200.3 Hemopneumothorax NFS	➤ Hémopneumothorax < 1L est codé AIS 3
442200.4 major; >1000cc blood loss on at least one side	➤ Hémopneumothorax > 1L est codé AIS 4
442200.5 Air Embolus	➤ Embolie gazeuse est codé AIS 5
442208.2 Hemomediastinum	

NE PAS CODER DE LESION AIS XXXXXX.9

Une lésion .9 ne peut rentrer dans le calcul de l'ISS (car valeur non comprise entre 1 et 6) !



Être précis dans le codage pour
ne pas avoir de lésion AIS .9

Précisez l'os fracturé par
exemple (tibia ? fibula ? autre ?)

Toujours essayer de coder le plus précisément possible la lésion !

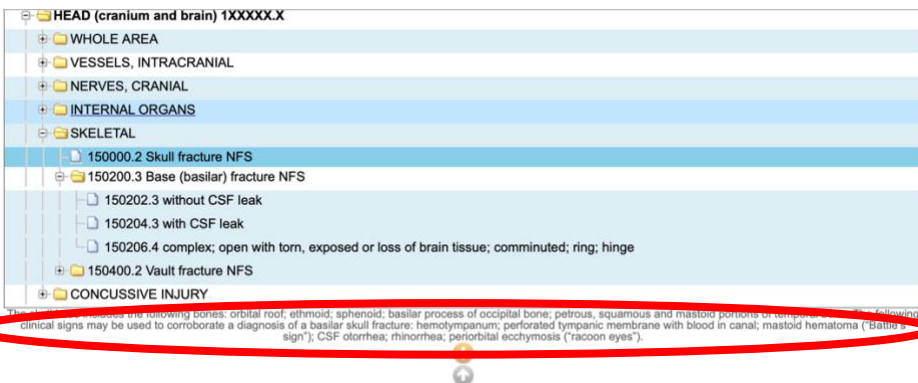
Aller le plus loin possible dans l'arborescence de propositions !

Ex : fracture de fémur.... Proximale ? diaphyse ? distale ? complexité de la fracture ? fermée ou ouverte ?

Ne pas s'arrêter juste à « fracture fémur = Femur Shaft fracture NFS »



Pour certaines lésions, des commentaires détaillent celles-ci lorsque vous cliquez dessus.



En cas de difficulté, n'hésitez pas à demander aux médecins référents de votre centre !



Vous pouvez également envoyer un **mail groupé** au Dr Abback (paer-selim.abback@aphp.fr), Dr Delhayé (nathalie.delhayé@aphp.fr) et Dr Werner (marie.werner005@gmail.com) en renseignant en objet du mail « AIDE TRAUMABASE » et en précisant le bilan lésionnel que vous n'arrivez pas à coder ou questions divers de l'eCRF. Nous essaierons de vous répondre sous 7 jours.

Les exemples suivants servent à vous montrer où et comment trouver les lésions les plus régulièrement décrites, avec les précisions à apporter afin de détailler au mieux le score AIS de chaque lésion.

Des lésions pouvant être découvertes secondairement, il est possible de compléter les scores ISS à différentes périodes de la prise en charge du patient (et à postériori).

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ATTENTION : ne pas confondre les lésions intra cérébrales et les lésions cérébelleuses !

Hématome sous dural (taille à préciser)

ISS

INTERNAL ORGANS
140299.5 Brain stem [hypothalamus, medulla, midbrain, pons] NFS
140499.3 Cerebellum NFS
140699.3 Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus]
140602.3 contusion NFS [include perilesional edema for size]
140628.4 diffuse axonal injury (DAI) NFS [requires coma >6 hours or, if fatal within 6 hours, diagnosis is made by pathological examination]
140629.3 hematoma (hemorrhage) NFS
140650.3 subdural NFS
140651.3 tiny; <0.6cm thick [includes tentorial (subdural) blood one or both sides]
140652.4 small; moderate; ≤50cc or ≤25cc if ≤age 10; 0.6-1cm thick
140654.4 bilateral [both sides 0.6-1cm thick]
140656.5 large; massive; extensive; >50cc or >25cc if ≤age 10; >1cm thick

Hématome extra dural (taille à préciser)

ISS

INTERNAL ORGANS
140299.5 Brain stem [hypothalamus, medulla, midbrain, pons] NFS
140499.3 Cerebellum NFS
140699.3 Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus]
140602.3 contusion NFS [include perilesional edema for size]
140628.4 diffuse axonal injury (DAI) NFS [requires coma >6 hours or, if fatal within 6 hours, diagnosis is made by pathological examination]
140629.3 hematoma (hemorrhage) NFS
140630.3 epidural or extradural NFS [include perilesional edema for size]
140631.2 tiny; <0.6cm thick
140632.4 small; moderate; ≤50cc or ≤25cc if ≤age 10; 0.6-1cm thick
140634.5 bilateral
140636.5 large; massive; extensive; >50cc or >25cc if ≤age 10; >1cm thick

Cœdème cérébral (gravité selon compression des ventricules latéraux)

ISS

140602.3 contusion NFS [include perilesional edema for size]
140628.4 diffuse axonal injury (DAI) NFS [requires coma >6 hours or, if fatal within 6 hours, diagnosis is made by pathological examination]
140629.3 hematoma (hemorrhage) NFS
140650.3 subdural NFS
140688.3 laceration NFS [not from penetrating injury]
140690.3 penetrating injury NFS
140689.9 trauma-associated findings not related either to intervention or to anatomically-described head injury NFS
140660.3 brain swelling NFS
140668.3 brain edema NFS
140670.3 mild; compressed ventricles without compressed brain stem cisterns
140672.4 moderate; compressed ventricles and brain stem cisterns
140674.5 severe; absent ventricles or brain stem cisterns

Hémorragie méningée = hémorragie sous arachnoïdienne (préciser associée à un coma prolongé > 6h ou non)

ISS

					140689.9 trauma-associated findings not related either to intervention or to ana
				+	140660.3 brain swelling NFS
				+	140668.3 brain edema NFS
				+	140701.9 hypoxic or ischemic brain damage secondary to systemic hypoxemia,
					140676.3 infarction [acute due to traumatic vascular occlusion]
				+	140678.2 intraventricular hemorrhage
				+	140680.3 ischemic brain damage directly related to head trauma
					140682.3 pneumocephalus directly related to head trauma
				-	140693.2 subarachnoid hemorrhage NFS
					140694.2 not associated with coma >6 hours
					140695.3 associated with coma >6 hours

Hémorragie intra ventriculaire (préciser associée à un coma prolongé > 6h ou non)

ISS

				+	140660.3 brain swelling NFS
				+	140668.3 brain edema NFS
				+	140701.9 hypoxic or ischemic brain damage secondary to systemic hypoxemia,
					140676.3 infarction [acute due to traumatic vascular occlusion]
				-	140678.2 intraventricular hemorrhage
					140675.2 not associated with coma >6 hours
					140677.4 associated with coma >6 hours
				+	140680.3 ischemic brain damage directly related to head trauma
					140682.3 pneumocephalus directly related to head trauma
				-	140693.2 subarachnoid hemorrhage NFS
					140694.2 not associated with coma >6 hours
					140695.3 associated with coma >6 hours

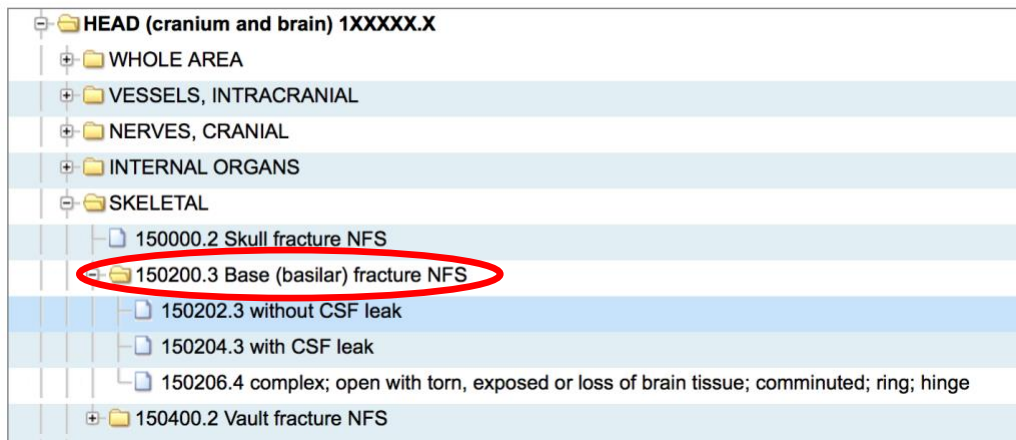
Commotion cérébrale / Sans ou avec perte de connaissance initiale (durée PCI à préciser)

ISS

				-	HEAD (cranium and brain) 1XXXXX.X
				+	WHOLE AREA
				+	VESSELS, INTRACRANIAL
				+	NERVES, CRANIAL
				+	INTERNAL ORGANS
				+	SKELETAL
				-	CONCUSSIVE INJURY
				-	161000.1 Cerebral Concussion, NFS
					161001.1 mild concussion, no loss of consciousness
				-	161002.2 brief loss of consciousness NFS
				-	161003.2 loss of consciousness <1 hour NFS
					161004.2 loss of consciousness ≤ 30 mins
					161005.2 loss of consciousness 31-59 mins

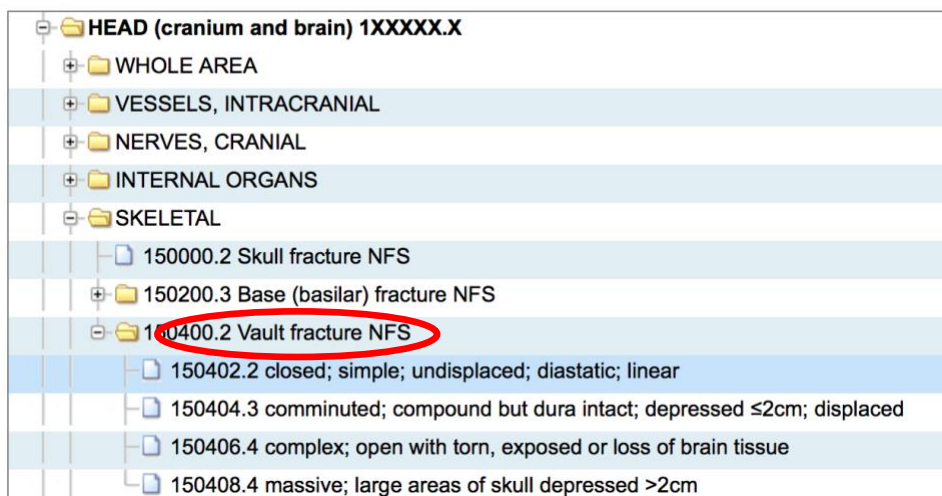
Fracture de la base du crâne (préciser sans ou avec écoulement de LCR / fracture complexe) : correspond à une fracture du toit de l'orbite, de l'éthmoïde, de la partie basilaire de l'os occipital, des parties pétreuse, squameuse et mastoïdienne de l'os temporal et du sphénoïde. Les signes fréquemment associés devant vous faire suspecter une fracture de la base du crâne sont un comblement des cellules mastoïdiennes au scanner, et au niveau clinique une otorrhée/rhinorrhée.

ISS



Fracture de la voûte crânienne (préciser la complexité de la fracture) : correspond à une fracture de l'os frontal, des os pariétaux, de l'os occipital (en dehors de la partie citée ci-dessus) ou de l'os sphénoïde.

ISS



Plaie du scalp (« chemin » identique pour toutes les plaies/ dermabrasions/ lacérations selon les régions lésées)

ISS

+	HEAD (cranium and brain) 1XXXXX.X
-	FACE (includes Eye and Ear) 2XXXXX.X
-	WHOLE AREA
+	200099.9 Injuries to the Face NFS
+	216000.1 Penetrating injury NFS
-	210049.1 Skin/subcutaneous/muscle NFS
	210202.1 abrasion
	210402.1 contusion; hematoma
-	210600.1 laceration NFS
	210602.1 minor; superficial
	210604.2 major; >10cm long and into subcutaneous tissue
	210606.3 blood loss >20% by volume

Pétéchies hémorragiques intra parenchymateuses (préciser associé à un coma prolongé >6h ou non)

ISS

-	INTERNAL ORGANS
+	140299.5 Brain stem [hypothalamus, medulla, midbrain, pons] NFS
+	140499.3 Cerebellum NFS
-	140699.3 Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus]
+	140602.3 contusion NFS [include perilesional edema for size]
+	140628.4 diffuse axonal injury (DAI) NFS [requires coma >6 hours or, if fatal within 6 hours, diagnosis is made by pathological examination]
-	140629.3 hematoma (hemorrhage) NFS
+	140630.3 epidural or extradural NFS [include perilesional edema for size]
-	140638.3 intracerebral NFS [include perilesional edema for size]
-	140639.2 tiny; single or multiple <1cm diameter
-	140642.2 petechial hemorrhage(s) [includes radiographic "shearing" lesions]
	140643.2 not associated with coma >6 hours
	140645.4 associated with coma >6 hours

FACE

Plaie de face (préciser mineure / majeure / perte sanguine massive > 20% du volume sanguin)

ISS

+	+	HEAD (cranium and brain) 1XXXXX.X
+	+	FACE (includes Eye and Ear) 2XXXXX.X
	+	WHOLE AREA
	+	200099.9 Injuries to the Face NFS
	+	216000.1 Penetrating injury NFS
	+	210099.1 Skin/subcutaneous/muscle NFS
		210202.1 abrasion
		210402.1 contusion; hematoma
	+	210600.1 laceration NFS
		210602.1 minor; superficial
		210604.2 major; >10cm long and into subcutaneous tissue
		210606.3 blood loss >20% by volume

Lésion /Plaie/ Abrasion de cornée

ISS

+	+	VESSELS
+	+	NERVES
	+	INTERNAL ORGANS
	+	240299.1 Ear NFS
	+	240499.1 Eye NFS
	+	240402.2 Eye avulsion; enucleation
		240408.1 Canaliculus (lacrimal/tear duct) laceration
	+	240599.1 Choroid NFS
		240416.1 Conjunctiva injury
	+	240600.1 Cornea NFS
		240602.1 abrasion
		240603.1 burn, thermal or chemical

Plaie de langue (mineure, majeure à préciser)

ISS

+	+	VESSELS
+	+	NERVES
	+	INTERNAL ORGANS
	+	240299.1 Ear NFS
	+	240499.1 Eye NFS
		243099.1 Mouth injury
	+	243199.1 Palate NFS
	+	243299.1 Gingiva (gum) NFS
	+	243400.1 Tongue laceration NFS
		243402.1 minor; superficial
		243404.2 deep; extensive

Fracture mandibule (préciser su fracture fermée ou ouverte et la partie fracturée : condyle / coronoïde / angle mandibulaire / symphyse/ corps de la mandibule...)

ISS

+	NERVES
+	INTERNAL ORGANS
+	JOINTS
-	SKELETAL
	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
-	250602.1 closed but NFSa as to site
	250603.1 condyle
	250604.1 coronoid
	250605.1 angle
	250606.1 symphysis/parasymphysis
	250607.1 body

Fracture maxillaire (classer en fonction du type de Lefort I / II / III +/- avec perte sanguine majeure pour Le Fort III)

ISS

+	NERVES
+	INTERNAL ORGANS
+	JOINTS
-	SKELETAL
	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
+	250800.2 Maxilla fracture [including maxillary sinus]
	250804.2 LeFort I
	250806.2 LeFort II
-	250808.3 LeFort III
	250810.4 blood loss >20% by volume

Fracture des os propres du nez Epistaxis

ISS

+	INTERNAL ORGANS
+	JOINTS
-	SKELETAL
	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
+	250800.2 Maxilla fracture [including maxillary sinus]
-	251099.1 Nose NFS
+	251000.1 fracture, closed or NFS
	251004.1 ruptured mucosa/vessels (epistaxis)
	251006.2 septum fracture

Fracture du plancher de l'orbite (préciser fermée / ouverte)

ISS

	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
+	250800.2 Maxilla fracture [including maxillary sinus]
+	251099.1 Nose NFS
-	251200.2 Orbit fracture, closed or NFS
	251201.2 open but NFS as to site
+	251205.2 multiple fractures of same orbit, closed or NFS
+	251211.2 orbital rim, closed or NFS
-	251221.2 orbital floor, closed or NFS
	251222.2 open
+	251223.2 "blowout" fracture

Fracture dentaire

Avulsion dentaire

ISS

	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
+	250800.2 Maxilla fracture [including maxillary sinus]
+	251099.1 Nose NFS
+	251200.2 Orbit fracture, closed or NFS
-	251499.1 Teeth, any number but NFS as to injury
	251402.1 dislocation; subluxation; loosened
	251404.1 fracture
	251406.1 avulsion
	251408.1 any combination of dislocation/fracture/avulsion

Fracture os zygomatique (non déplacée / déplacée / complexe)

ISS

	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
+	250800.2 Maxilla fracture [including maxillary sinus]
+	251099.1 Nose NFS
+	251200.2 Orbit fracture, closed or NFS
+	251499.1 Teeth, any number but NFS as to injury
-	251800.1 Zygoma fracture [Includes tripod and malar fractures]
	251802.1 non-displaced [KN I]
+	251804.1 displaced NFS
	251814.2 complex [KN VI]

Fracture multiple de la face (sans .3 ou avec perte sanguine majeure > 20% du volume sanguin .4)

ISS

+	JOINTS
-	SKELETAL
	250200.2 Alveolar ridge fracture with or without injury to teeth
	250400.1 Facial bone(s) fracture NFS
+	250600.1 Mandible fracture NFS
+	250800.2 Maxilla fracture [including maxillary sinus]
+	251099.1 Nose NFS
+	251200.2 Orbit fracture, closed or NFS
+	251499.1 Teeth, any number but NFS as to injury
+	251800.1 Zygoma fracture [Includes tripod and malar fractures]
-	251900.3 Panfacial fracture
	251902.4 blood loss >20% by volume

COU

Dissection carotide commune ou interne (préciser si avec complication à type de déficit neurologique ischémique secondaire.4 ou sans déficit .3 « intimal tear, no disruption »)

ISS

NECK 3XXXXX.X
WHOLE AREA
VESSELS
320099.9 Vascular Injury in Neck NFS
320299.3 Carotid artery [common, internal] NFS
320202.3 intimal tear, no disruption
320204.4 neurological deficit (stroke) not head-injury related
320206.3 laceration; perforation; puncture NFS

Dissection artère vertébrale (même raisonnement ; avec ou sans déficit neurologique)

ISS

NECK 3XXXXX.X
WHOLE AREA
VESSELS
320099.9 Vascular Injury in Neck NFS
320299.3 Carotid artery [common, internal] NFS
320499.2 Carotid artery [external] NFS [includes thyroid]
321099.2 Vertebral artery NFS
321002.2 intimal tear, no disruption
321004.3 neurological deficit (stroke) not head-injury related
321006.2 laceration; perforation; puncture NFS
321008.2 minor; superficial; incomplete circumferential involvement; blood loss ≤20% by volume
321012.3 major; rupture; transection; blood loss >20% by volume

Perforation trachéale

ISS

INTERNAL ORGANS
340199.2 Esophagus injury in Neck NFS
340299.2 Larynx, including thyroid and cricoid cartilage, NFS
340699.2 Pharynx or Retropharyngeal area, NFS
341099.2 Salivary gland NFS
341499.1 Thyroid gland NFS
341699.2 Trachea injury in Neck NFS
341602.2 contusion; hematoma
341604.2 laceration; tear NFS
341606.2 no perforation; partial thickness
341608.3 perforation; full thickness; "fracture"
341610.4 avulsion; rupture; transection; massive destruction; crush; laryngeal-tracheal separation

ISS

- WHOLE AREA
- VESSELS
- NERVES
- INTERNAL ORGANS
 - 340199.2 Esophagus injury in Neck NFS
 - 340102.2 contusion; hematoma [OIS I]
 - 340103.3 ingestion injury NFS
 - 340106.3 laceration; tear NFS
 - 340107.3 no perforation; partial thickness; ≤50% circumference [OIS I, II]
 - 340108.4 perforation; full thickness; >50% circumference [OIS III]
 - 340109.5 avulsion; rupture; transection; massive destruction [OIS IV, V]

THORAX

Contusions pulmonaires (préciser unilatérale / bilatérale – mineure/ majeure)

ISS

- 440400.5 Intracardiac chordae tendineae laceration; rupture
- 441300.5 Intracardiac septum laceration; rupture
- 441200.5 Intracardiac valve laceration; rupture
- 441499.3 Lung NFS
 - 441420.3 blast injury (overpressure/explosive) NFS
 - 441402.3 contusion NFS
 - 441406.2 unilateral NFS
 - 441407.2 minor; <1 lobe
 - 441408.3 major; >1 lobe
 - 441410.3 bilateral NFS
 - 441411.3 minor; <1 lobe
 - 441412.4 major; >1 lobe in at least one lung

Hémopéricarde (préciser gravité sans / avec tamponnade ou non)

ISS

- 441499.3 Lung NFS
- 441420.3 blast injury (overpressure/explosive) NFS
- 441402.3 contusion NFS
- 441414.3 laceration NFS
- 441920.2 inhalation injury NFS (heat, particulate matter, noxious agents)
- 441699.2 Pericardium NFS
 - 441602.2 laceration; puncture
 - 441603.3 hemopericardium NFS
 - 441604.3 without cardiac tamponade or heart injury
 - 441605.4 with cardiac tamponade but without heart injury
 - 441606.5 herniation of heart through pericardium

Hémothorax (.3 ou .4 si hémothorax abondant > 1L)

Pneumothorax (.2 ou .4 si collapsus > 50% du parenchyme ou .5 si compressif)

Hémopneumothorax (.3 / si hémothorax grave > 1L = .4)

Embolie gazeuse

Hémomédiastin

ISS

- 441499.3 Lung NFS
- 441699.2 Pericardium NFS
- 441800.2 Pleura laceration
- 442999.9 Thoracic injury NFS
 - 442200.3 Hemothorax NFS
 - 442201.4 major; >1000cc blood loss on at least one side
 - 442202.2 Pneumothorax NFS
 - 442203.4 major; >50% collapse of lung documented on xray; persistent air leak
 - 442204.5 tension; massive air leak
 - 442205.4 Hemopneumothorax NFS
 - 442206.4 major; >1000cc blood loss on at least one side
 - 442207.5 Air Embolus
 - 442208.2 Hemomediastinum

Fracture(s) de côtes (préciser fractures sans ou avec volet costal ; le nb de côtes fracturées ; Si volet costal : uni ou bilatéral)

ISS

		442502.2 Thymus laceration; perforation
	+	442699.3 Trachea injury in Thorax NFS
	-	SKELETAL including thoracic wall involvement
	-	450299.1 Rib Cage NFS
		450289.1 contusion
		450210.2 multiple rib fractures NFS
	-	450200.1 fracture(s) without flail, any location unilateral or bilateral NFS
		450201.1 one rib [OIS I]
		450202.2 two ribs [OIS I]
		450203.3 ≥3 ribs [OIS II]
	-	450209.3 fractures with flail, NFS
	+	450211.3 unilateral flail chest NFS [OIS IV]
		450214.5 bilateral flail chest [OIS V]

Fracture sternale

ISS

	-	THORAX 4XXXXX.X
	+	WHOLE AREA
	+	VESSELS
	+	NERVES
	+	INTERNAL ORGANS
	-	SKELETAL including thoracic wall involvement
	+	450299.1 Rib Cage NFS
	-	450899.1 Sternum NFS
		450802.1 contusion
		450804.2 fracture [OIS II, III]
	+	451099.1 Thoracic Wall NFS

Pneumomédiastin (+/_ avec tamponnade cardiaque .3)

ISS

		441300.5 Intracardiac septum laceration; rupture
		441200.5 Intracardiac valve laceration; rupture
	+	441499.3 Lung NFS
	+	441699.2 Pericardium NFS
		441800.2 Pleura laceration
	-	442999.9 Thoracic injury NFS
	+	442200.3 Hemothorax NFS
	+	442202.2 Pneumothorax NFS
	+	442205.3 Hemopneumothorax NFS
		442207.5 Air Embolus
		442208.2 Hemomediastinum
	-	442209.2 Pneumomediastinum
		442210.3 with cardiac tamponade

Contusion myocardique (mineure .1 ou majeure .4)

ISS

INTERNAL ORGANS
440099.9 Bronchus injury NFS
440199.3 Bronchus, main stem, NFS
440299.1 Bronchus, distal to main stem NFS
440699.2 Diaphragm NFS
440899.2 Esophagus injury in Thorax NFS
441089.1 Heart (Myocardium) injury NFS
441089.9 with cardiac arrest NFS
441002.1 contusion NFS
441004.1 minor [OIS I]
441006.4 major

Dissection coronaire traumatique ou thrombose

ISS

NECK 3XXXXX.X
THORAX 4XXXXX.X
WHOLE AREA
VESSELS
420099.9 Vascular Injury in Thorax NFS
420299.4 Aorta, thoracic NFS [OIS IV or V for entire category unless stated otherwise]
420499.3 Brachiocephalic (innominate) artery NFS [OIS III for entire category]
420800.5 Coronary artery laceration or thrombosis to left main, right main or left anterior descending artery; coronary sinus
421099.3 Pulmonary artery NFS [OIS IV, V for entire category]
421499.3 Subclavian artery NFS [OIS III for entire category]
422099.2 Other named arteries e.g., bronchial, esophageal, intercostal, internal mammary NFS [OIS I for entire category]

Rupture diaphragmatique

ISS

THORAX 4XXXXX.X
WHOLE AREA
VESSELS
NERVES
INTERNAL ORGANS
440099.9 Bronchus injury NFS
440199.3 Bronchus, main stem, NFS
440299.1 Bronchus, distal to main stem NFS
440699.2 Diaphragm NFS
440602.2 contusion; hematoma [OIS I]
440604.2 laceration NFS
440610.4 rupture with herniation

ABDOMEN

Traumatisme pénétrant (préciser profondeur/ gravité de l'atteinte)

ISS

- THORAX 4XXXXX.X
- ABDOMEN 5XXXXX.X
 - WHOLE AREA
 - 500099.9 Injuries to the Whole Abdomen NFS
 - 516000.1 Penetrating injury NFS
 - 516002.1 superficial; minor; into peritoneum but not involving underlying structures
 - 516004.2 with tissue loss >100cm
 - 516006.3 with blood loss >20% by volume

Lésion aortique (dont dissection traumatique, rupture...)

ISS

- ABDOMEN 5XXXXX.X
 - WHOLE AREA
 - VESSLS
 - 520099.9 Vascular Injury in Abdomen NFS
 - 520099.4 Aorta, Abdominal NFS
 - 520202.4 intimal tear, no disruption
 - 520204.4 laceration; perforation; puncture NFS
 - 520206.4 minor; superficial; incomplete circumferential involvement; blood loss $\leq 20\%$ by volume
 - 520208.5 major; rupture; transection; segmental loss; blood loss $> 20\%$ by volume
 - 520499.3 Celiac Artery NFS
 - 520699.3 Iliac Artery [common, internal, external] and its named branches NFS
 - 521199.3 Superior Mesenteric Artery NFS

Contusion/hématome surrénale (mineure .1 / majeure .2)

ISS

- [-] **ABDOMEN 5XXXXX.X**
 - [+] **WHOLE AREA**
 - [+] **VESSELS**
 - [+] **NERVES**
 - [-] **INTERNAL ORGANS**
 - [-] **540299.1 Adrenal Gland NFS**
 - [-] **540210.1 contusion; hematoma NFS [OIS I]**
 - [-] **540212.1 minor; superficial [OIS I]**
 - [-] **540214.2 major; large [OIS I]**

Rupture vésicale

ISS

+	ABDOMEN 5XXXXX.X
+	WHOLE AREA
+	VESSELS
+	NERVES
-	INTERNAL ORGANS
+	540299.1 Adrenal Gland NFS
+	540499.1 Anus NFS
	540322.2 Appendix laceration; perforation
-	540699.2 Bladder (urinary) NFS
	540610.2 contusion; hematoma [OIS I]
+	540620.2 laceration NFS
	540640.3 rupture NFS

Traumatisme rénale (grade à préciser)

ISS

	540699.2 Bladder (urinary) NFS
+	540899.2 Colon (large bowel) NFS
+	541099.2 Duodenum NFS
+	541299.2 Gallbladder NFS
+	541499.2 Jejunum-Ileum (small bowel) NFS
-	541699.2 Kidney NFS
+	541610.2 contusion; hematoma NFS
-	541620.2 laceration NFS
	541622.2 ≤1cm parenchymal depth of renal cortex, no urinary extravasation; minor; superficial [OIS II]
	541624.3 >1cm parenchymal depth of renal cortex, no collecting system rupture or urinary extravasation; moderate [OIS III]
	541626.4 extending through renal cortex, medulla and collecting system; main renal vessel injury with contained hemorrhage; major [OIS I]
	541628.5 hilum avulsion; total destruction of organ and its vascular system [OIS V]
	541640.4 rupture

Lésion hépatique (préciser grade de l'atteinte)

ISS

+	541499.2 Jejunum-Ileum (small bowel) NFS
+	541699.2 Kidney NFS
-	541899.2 Liver NFS
+	541810.2 contusion; hematoma NFS
	541812.2 subcapsular, ≤50% surface area, or nonexpanding; intraparenchymal ≤10cm in diameter; minor; superficial [OIS I, II]
	541814.3 subcapsular, >50% surface area or expanding; ruptured subcapsular or parenchymal; intraparenchymal >10cm or expanding; major [OIS III]
+	541820.2 laceration NFS
	541822.2 simple capsular tears; ≤3cm parenchymal depth; ≤10cm long; minor; superficial [OIS II]
	541824.3 >3cm parenchymal depth; major duct involvement; moderate [OIS III]
	541826.4 parenchymal disruption ≤75% hepatic lobe; multiple lacerations >3cm deep; "burst" injury; major [OIS IV]
	541828.5 parenchymal disruption of >75% of hepatic lobe or >3 Couinaud's segments within a single lobe; or involving retrohepatic vena cava [OIS V]
	541830.6 hepatic avulsion (total separation of all vascular attachments) [OIS VI]
	541840.4 rupture

Hématome/ lacération mineure ou majeure/ désinsertion du mésentère (.4)

ISS

+	541499.2 Jejunum-Ileum (small bowel) NFS
+	541699.2 Kidney NFS
+	541899.2 Liver NFS
-	542099.2 Mesentery NFS
	542010.2 contusion; hematoma
-	542020.2 laceration NFS
	542022.2 minor; superficial
	542024.3 major
	542026.4 massive; avulsion; complex; tissue loss

Hématome/ hémorragie rétro péritonéale

ISS

+	542299.2 Omentum NFS
	542400.2 Ovarian (Fallopian) tube laceration
+	542699.1 Ovary NFS
+	542899.2 Pancreas NFS
+	543099.1 Penis NFS
+	543299.1 Perineum NFS
+	543599.1 Prostate NFS
+	543699.2 Rectum NFS
	543800.2 Retroperitoneum hemorrhage or hematoma
+	544099.1 Scrotum NFS
+	544299.2 Spleen NFS
+	544499.2 Stomach NFS

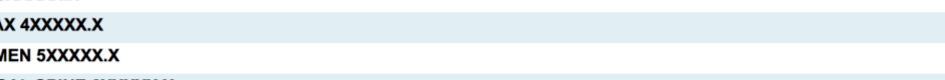
Lésion splénique (préciser grade)

ISS

+	543699.2 Rectum NFS
	543800.2 Retroperitoneum hemorrhage or hematoma
+	544099.1 Scrotum NFS
-	544299.2 Spleen NFS
-	544210.2 contusion; hematoma NFS
	544212.2 subcapsular, ≤50% surface area; intraparenchymal, ≤5cm in diameter; minor; superficial [OIS I, II]
	544214.3 subcapsular, >50% surface area or expanding; ruptured subcapsular or parenchymal; intraparenchymal >5cm in diameter or exp
-	544220.2 laceration NFS
	544222.2 simple capsular tear ≤3cm parenchymal depth and no trabecular vessel involvement; minor; superficial [OIS I, II]
	544224.3 no hilar or segmental parenchymal disruption or destruction; >3cm parenchymal depth or involving trabecular vessels; moderate
	544226.4 involving segmental or hilar vessels producing major devascularization of >25% of spleen but no hilar injury; major [OIS IV]
	544228.5 hilar disruption producing total devascularization; tissue loss; avulsion; massive [OIS V]
	544240.3 rupture NFS

RACHIS (idem pour cervical / thoracique / lombaire)

Contusion médullaire (selon degré d'atteinte neurologique)



The screenshot shows a hierarchical list of ICD-10-CM codes. The top-level category is 'CERVICAL SPINE 6XXXXX.X'. Under this, there are several sub-categories, including '600099.9 Injuries to the Cervical Spine NFS', '630299.2 Brachial Plexus injury NFS', and '640200.3 Cord contusion NFS'. The code '640200.3' is circled in red. Below it are other codes for cord injuries, such as '640201.3 with transient neurological signs', '640210.4 incomplete cord syndrome', '640220.5 complete cord syndrome', '640221.5 C-4 or below', and '640229.6 C-3 or above'.

Code	Description
600099.9	Injuries to the Cervical Spine NFS
630299.2	Brachial Plexus injury NFS [includes trunks, divisions or cords]
640200.3	Cord contusion NFS [includes the diagnosis of compression, or epidural or subdural hemorrhage within spinal canal documented by imaging]
640201.3	with transient neurological signs (paresthesia), but NFS as to fracture/dislocation
640210.4	incomplete cord syndrome (preservation of some sensation or motor function; includes anterior cord, central cord, lateral cord (Brown-Séquard syndrome))
640220.5	complete cord syndrome (quadriplegia or paraplegia with no sensation)
640221.5	C-4 or below, but NFS as to fracture/dislocation or NFS as to site
640229.6	C-3 or above, but NFS as to fracture/dislocation

Hernie discale

ISS

- NECK 5XXXXX.X
- THORAX 4XXXXX.X
- ABDOMEN 5XXXXX.X
- CERVICAL SPINE 6XXXXX.X
 - 600099.9 Injuries to the Cervical Spine NFS
 - 630299.2 Brachial Plexus injury NFS [includes trunks, divisions or cords]
 - 640200.3 Cord contusion NFS [includes the diagnosis of compression, or epidural or subdural hemorrhage within spinal canal documented by imaging]
 - 640240.5 Cord laceration NFS [includes penetrating injury, transection or crush]
 - 650299.2 Disc injury NFS
 - 650200.2 herniation NFS
 - 650205.3 rupture

Fracture processus transverse

ISS	
+	640200.3 Cord contusion NFS [includes the diagnosis of compression, or epidural or subdural]
+	640240.5 Cord laceration NFS [includes penetrating injury, transection or crush]
+	650299.2 Disc injury NFS
+	650204.2 Dislocation [subluxation], no fracture, no cord involvement NFS
-	650216.2 Fracture with or without dislocation but no cord involvement NFS
	650217.2 multiple fractures of same vertebra
	650218.2 spinous process
	650220.2 transverse process
	650222.2 facet
	650224.2 lamina
	650226.2 pedicle
	650228.3 odontoid (dens)

Fracture corps vertébral sans/avec compression médullaire

ISS

				+	650299.2 Disc injury NFS
				+	650204.2 Dislocation [subluxation], no fracture, no cord involvement NFS
				-	650216.2 Fracture with or without dislocation but no cord involvement NFS
					650217.2 multiple fractures of same vertebra
					650218.2 spinous process
					650220.2 transverse process
					650222.2 facet
					650224.2 lamina
					650226.2 pedicle
					650228.3 odontoid (dens)
				-	650230.2 vertebral body NFS ["burst" fracture]
					650232.2 minor compression ($\leq 20\%$ loss of anterior height)
					650234.3 major compression ($> 20\%$ loss of anterior height)

Entorse du rachis

ISS

					650224.2 lamina
					650226.2 pedicle
					650228.3 odontoid (dens)
				-	650230.2 vertebral body NFS ["burst" fracture]
					650232.2 minor compression ($\leq 20\%$ loss of anterior height)
					650234.3 major compression ($> 20\%$ loss of anterior height)
					640284.1 Spinous ligament injury
				+	630260.2 Nerve root, single or multiple NFS
					640278.1 Strain, acute, with no fracture or dislocation

MEMBRES (supérieurs/ inférieurs)

Luxation acromio-claviculaire

|SS

UPPER EXTREMITY 7XXXXX.X

- WHOLE AREA
- VESSELS
- NERVES
- MUSCLES, TENDONS, LIGAMENTS
- JOINTS
 - 770099.9 Upper extremity joint injury NFS
 - 770799.1 Acromioclavicular joint NFS
 - 770789.1 open
 - 770710.1 sprain
 - 770720.1 subluxation

Fracture clavicule (préciser type de fracture)

ISS

- 750099.9 Upper Extremity fracture NFS
 - 751800.2 Arm fracture NFS
 - 751900.2 Forearm fracture NFS
 - 752000.2 Hand fracture NFS
 - 750500.2 Clavicle fracture NFS
 - 750501.2 open
 - 750511.2 Proximal clavicle fracture
 - 750621.2 Clavicle shaft fracture
 - 750622.2 open
 - 750651.2 simple
 - 750652.2 open
 - 750661.2 wedge; "butterfly" fragment
 - 750671.2 comminuted; segmental

Fracture humérale (ex : fracture distale supra condylienne ouverte)

ISS

- 751900.2 Forearm fracture NFS
- 752000.2 Hand fracture NFS
- 750500.2 Clavicle fracture NFS
- 750900.2 Scapula fracture NFS
- 751100.2 Humerus fracture NFS
 - 751101.2 open
 - 751111.2 Proximal humerus NFS
 - 751221.2 Humerus shaft fracture
 - 751331.2 Distal humerus fracture
 - 751332.2 open
 - 751351.2 extra-articular; supracondylar
 - 751352.2 open
 - 751361.2 partial articular; capitular

Fracture métacarpe (ex : fracture du 3^{ème} métacarpe articulaire ouverte)

ISS

+	752800.2 Radius fracture NFS
+	753200.2 Ulna fracture NFS
+	752400.2 Carpus fracture NFS
-	752500.2 Metacarpus fracture NFS
	752501.2 open
+	752511.2 Thumb
-	752521.2 One of Lateral Four Fingers
	752522.2 open
+	752553.2 extra-articular or shaft
+	752563.2 partial articular
-	752573.2 complete articular
	752574.2 open

Lésion artère fémorale (ex : lésion intimale sans rupture)

ISS

-	LOWER EXTREMITY, PELVIS and BUTTOCKS 8XXXXX.X
+	WHOLE AREA
-	VESSELS
	820099.9 Vascular Injury in Lower Extremity NFS
-	820299.3 Femoral artery and its named branches NFS
	820202.3 intimal tear, no disruption
-	820204.3 laceration; perforation; puncture NFS
	820206.3 minor; superficial; incomplete circumferential involvement; blood loss ≤20% by volume
	820208.4 major; rupture; transection; segmental loss; blood loss >20% by volume
+	820499.2 Femoral vein NFS
+	820699.2 Popliteal artery NFS
+	820899.2 Popliteal vein NFS
+	821099.1 Other named arteries NFS [e.g., tibial, peroneal]

Rupture tendon d'achille

ISS

-	NERVES
	830099.9 Nerve injury in lower extremity NFS
+	830299.1 Digital nerve NFS
+	830399.2 Femoral nerve NFS
+	830599.2 Peroneal nerve NFS
+	830499.2 Sciatic nerve NFS
+	830699.2 Tibial nerve NFS
	840099.9 Muscle, tendon, ligament injury NFS
-	840200.2 Achilles tendon tear; avulsion NFS
	840202.2 partial disruption
	840204.2 complete disruption

ISS



Fracture fibula (ex : fracture bimalléolaire ouverte)

ISS

852004.2	Foot fracture NFS
853000.3	Femur fracture, NFS
854000.2	Tibia fracture NFS
854441.2	Fibula [malleoli] fracture NFS
854442.2	open
854453.2	below ankle joint (infrasyndesmotic); isolated lateral malleolus; Weber A
854461.2	through joint (transsyndesmotic); Weber B
854462.2	open
854463.2	lateral and medial malleoli (bimalleolar)
854464.3	open
854465.2	trimalleolar

Fracture du bassin (ex : avec rupture de l'arc postérieur avec hémorragie/ perte sanguine > 20% du volume sanguin)

ISS

857400.2	Navicular fracture NFS
857600.2	Cuboid fracture NFS
857500.2	Cuneiform fracture NFS
858100.2	Metatarsal fracture NFS
858200.1	Phalange fracture NFS
856100.2	Pelvic ring fracture NFS
856151.2	Pelvic ring fracture, posterior arch intact; isolated fracture not destroying the integrity of the pelvic ring
856161.3	Pelvic ring fracture, incomplete disruption of posterior arch NFS
856171.4	Pelvic ring fracture, complete disruption of posterior arch and pelvic floor NFS
856172.4	blood loss ≤ 20% by volume
856173.5	blood loss > 20% by volume
856174.5	open

Fracture du bassin (ex : arc postérieur intact)

ISS

857300.2	Calcaneus fracture NFS
857400.2	Navicular fracture NFS
857600.2	Cuboid fracture NFS
857500.2	Cuneiform fracture NFS
858100.2	Metatarsal fracture NFS
858200.1	Phalange fracture NFS
856100.2	Pelvic ring fracture NFS
856151.2	Pelvic ring fracture, posterior arch intact; isolated fracture not destroying the integrity of the pelvic ring
856152.3	open
856161.3	Pelvic ring fracture, incomplete disruption of posterior arch NFS
856171.4	Pelvic ring fracture, complete disruption of posterior arch and pelvic floor NFS

QUELQUES EXEMPLES CONCRETS

Les exemples suivants montrent comment coder des lésions à partir de descriptions scanographiques (en italique).

1. Crâne

- *Fracture comminutive avec discontinuité sur 23 mm de l'os temporal droit, déplacement de 1 cm (1), s'étendant au rocher et passant notamment par l'oreille moyenne en épargnant le système vestibulo cochléaire, avec fracture transversale (2), entraînant un comblement partiel des cellules mastoïdiennes supérieures, ainsi que de l'oreille interne et moyenne (3). Pas de luxation ossiculaire.*

1: 150404.3: HEAD (cranium and brain) > SKELETAL > Vault fracture NFS > comminuted; compound but dura intact; depressed ≤2cm; displaced

2: 150202.3: HEAD (cranium and brain) > SKELETAL > Base (basilar) fracture NFS > without CSF leak

3: 240206.1 ou 240205.1: FACE (includes Eye and Ear) > INTERNAL ORGANS > Ear NFS > Inner or Middle Ear injury
→ à préciser, si possible, selon les symptoms.

- *Fracture de la paroi latérale droite du sinus sphénoïdal et de la selle turcique, en contact avec la paroi médiale de l'artère carotide interne à ce niveau. Cette dernière apparaît discrètement irrégulière à ce niveau mais reste bien perméable (1), s'y associent quelques bulles de pneumo-encéphalie (2), des pétéchies hémorragiques intracérébrales fronto-temporales (3), ainsi qu'une hémorragie méningée péri-frontale antérieure droite (4).*

1: 150202.3: HEAD (cranium and brain) > Base (basilar) fracture > without CSF leak

2: 140682.3: HEAD (cranium and brain) > INTERNAL ORGANS > Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus] > pneumocephalus directly related to head trauma

3: 140642.2: HEAD (cranium and brain) > INTERNAL ORGANS > Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus] > hematoma (hemorrhage) NFS > intracerebral NFS [include perilesional edema for size] > tiny; single or multiple <1cm diameter > petechial hemorrhage(s) [includes radiographic "shearing" lesions]

4: 140695.3: HEAD (cranium and brain) > INTERNAL ORGANS > Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus] > subarachnoid hemorrhage NFS > associated with coma > 6 hours → Si cliniquement, COMA plus de 6 heures. A préciser (si possible) avec la clinique.

- *Hématome sous-cutané occipital gauche et emphysème sous-cutané en regard, sans argument pour un saignement actif (1). Fracture controlatérale de l'os pariétal gauche non déplacée, en regard de l'hématome sous-cutané, sans lésion intracrânienne gauche (2). Œdème cérébral diffus, avec diminution en taille des sillons corticaux et des ventricules (3). Hémorragie méningée et sous-durale fronto-temporo-pariétale droite, associée à un hématome sous-dural de 18 mm d'épaisseur maximale (4). Hématome intraparenchymateux temporal droit mesurant 30 mm de grand axe(5). Pas d'anomalie de densité parenchymateuse par ailleurs.*

1: 110402.1: HEAD (cranium and brain) > WHOLE AREA > Scalp NFS > contusion; subgaleal hematoma if >6 months old.

2: 150402.2: HEAD (cranium and brain) > SKELETAL > Vault fracture NFS > closed; simple; undisplaced; diastatic; linear

3: 140670.3: HEAD (cranium and brain) > INTERNAL ORGANS > Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus] > brain edema NFS > mild; compressed ventricles without compressed brain stem cisterns

4: 140656.5: HEAD (cranium and brain) > INTERNAL ORGANS > Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus] > subdural NFS > large; massive; extensive; >50cc or >25cc if <age 10; > 1cm thick.

5: 140640.4: HEAD (cranium and brain) > INTERNAL ORGANS > Cerebrum NFS [includes basal ganglia, thalamus, putamen, globus pallidus] > hematoma (hemorrhage) NFS > intracerebral NFS [include perilesional edema for size] > small; ≤30cc or ≤15cc if ≤age 10; 1-4cm diameter or ≤1cm if ≤age 10; subcortical hemorrhage

2. Rachis

- *Fractures de l'arc antérieur et postérieur gauches de C1, non déplacées (1). Fracture latéralisée à droite du corps vertébral (à la racine du pédicule) de C5 non déplacée, et de la lame postérieure gauche de C5 (2, 3). Fractures du pédicule et du processus articulaire supérieur gauches de C6 et C7 (4, 5). Il existe un discret diastasis articulaire postérieure C6-C7 gauche (6).*

1: 650217.2: CERVICAL SPINE > Fracture with or without dislocation but no cord involvement NFS > multiple fractures of same vertebra

2: 650232.2: CERVICAL SPINE > Fracture with or without dislocation but no cord involvement NFS > vertebral body NFS ["burst" fracture] > minor compression (≤20% loss of anterior height)

3: 650224.2: CERVICAL SPINE > Fracture with or without dislocation but no cord involvement NFS > lamina

4: 650222.2: CERVICAL SPINE > Fracture with or without dislocation but no cord involvement NFS > facet

5: 650226.2: CERVICAL SPINE > Fracture with or without dislocation but no cord involvement NFS > pedicle

6: 650210.2: CERVICAL SPINE > Dislocation [subluxation], no fracture, no cord involvement NFS > facet NFS > unilateral.

- *Fracture du coin postéro inférieur du corps de C6 avec discret hématome épidual de 4 mm en regard → préciser la clinique : exemple avec déficit transitoire mais pas de déficit franc.*

640204.3: CERVICAL SPINE > Cord contusion NFS > with transient neurological signs (paresthesia), but NFS as to fracture/dislocation > with fracture

3. Thorax

- *Hémato-pneumatocèle aux segments postérieurs du lobe inférieur gauche, intéressant toute sa hauteur, plages en verre dépoli lobaire supérieur gauche, en rapport avec des probables contusions parenchymateuses (1). Pneumothorax droit comprimant plus de 50% du champ pulmonaire droit (2). Fractures postérieures de K4, K5 et K6 droites, unifocales non déplacées (3).*

1: 441408.3: THORAX > INTERNAL ORGANS > Lung NFS > contusion NFS > unilateral NFS > major; >1 lobe

2: 442203.4: THORAX > INTERNAL ORGANS > Thoracic injury NFS > Pneumothorax NFS > major; >50% collapse of lung documented on xray; persistent air leak.

3: 450203.3: THORAX > SKELETAL including thoracic wall involvement > Rib Cage NFS > fracture(s) without flail, any location unilateral or bilateral NFS > ≥3 ribs [OIS II]

4. Membres et bassin :

- *Fracture comminutive déplacée de la tête humérale droite sans fragment intra-articulaire.*

751171.2: UPPER EXTREMITY > SKELETAL > Humerus fracture NFS > Proximal humerus NFS > articular; head or anatomical neck

- *Fracture oblique non déplacée du scaphoïde droit.*

752451.2: UPPER EXTREMITY > SKELETAL > Carpus fracture NFS > scaphoid only

- *Fracture comminutive intra-articulaire déplacée de l'extrémité distale du radius gauche (1), associé à une petite fracture arrachement intra-articulaire du bord interne de l'ulna gauche (2).*

1 : 752311.2 : UPPER EXTREMITY > SKELETAL > Radius fracture NFS > Distal Radius fracture

2 : 752313.2 : UPPER EXTREMITY > SKELETAL > Ulna fracture NFS > Distal Ulna fracture

- *Fracture déplacée, plurifocales et plurifragmentaire de la jonction tiers moyen-tiers inférieur des deux fémurs. → Précision clinique : fractures fermées.*

853271.3: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Femur fracture, NFS > Femur Shaft fracture NFS > complex; comminuted; segmental; Winquist IV.

853351.3: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Femur fracture, NFS > Distal Femur fracture NFS > extra-articular; supracondylar

- *Fractures pluri-fragmentaire et pluri-étagées du tiers proximal du tibia droit, extra-articulaire.*

54151.2: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Tibia fracture NFS > Proximal Tibia fracture NFS > extra-articular

- *Fracture comminutive déplacée du cadre obturateur, de la branche ilio-pubienne et ischio-pubienne (1), et du cotyle droit (2).*

Pas de diastasis de la symphyse pubienne.

Infiltration de la graisse en regard des foyers fracturaires sans volumineux hématome ni saignement actif décelée.

1: 856151.2: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Pelvic ring fracture, posterior arch intact; isolated fracture not destroying the integrity of the pelvic ring

2: 856251.2: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Acetabulum fracture NFS > partial articular (involving one column)

- *Fracture transversale de S1, avec atteinte du mur postérieur et extension à l'arc postérieur (lame droite, lame gauche, et épineuses). Le trait de fracture se poursuit à l'aileron sacré gauche, transforaminale. Fracture comminutive de l'aile iliaque gauche avec hyperdensité suspecte de saignement au sein du foyer de fracture (1). Fracture comminutive déplacée du cotyle gauche (toit pilier postérieur, pilier antérieur), pas de luxation de hanches (2). Disjonction symphysaire. L'ensemble réalise un complexe fracturaire instable de la ceinture pelvienne.*

→ préciser selon la clinique, exemple ici, avec choc hémorragique et saignement abondant.

1: 856173.5: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Pelvic ring fracture, complete disruption of posterior arch and pelvic floor NFS > blood loss > 20% by volume

2: 856271.2: LOWER EXTREMITY, PELVIS and BUTTOCKS > SKELETAL > Acetabulum fracture NFS > complete articular (involving both columns, with or without sacroiliac joint involvement)