

Diagnosis Coding

Traumatic Brain Injury

ICD-9-CM Diagnosis Codes	
ICD-9-CM Code ¹	Diagnosis Description
800.61	Fracture vault of skull, open with cerebral laceration and contusion, with no loss of consciousness
851.93	Other and unspecified cerebral laceration and contusion, with open intracranial wound, with moderate (1-24 hours) loss of consciousness
854.10	Intracranial injury of other and unspecified nature, with open intracranial wound, unspecified state of consciousness

1. 2013 Expert ICD-9-CM for Hospitals-Volumes 1,2 & 3, 2013, www.cms.gov

Removal of Neoplasm

ICD-9-CM Diagnosis Codes	
ICD-9-CM Code ²	Diagnosis Description
191.0	Malignant neoplasm of brain, cerebrum, except lobes and ventricles
191.5	Malignant neoplasm of brain, ventricles

2. 2013 Expert ICD-9-CM for Hospitals-Volumes 1,2 & 3, 2013, www.cms.gov

Congenital Abnormalities

ICD-9-CM Diagnosis Codes	
ICD-9-CM Code ³	Diagnosis Description
740.0	Anencephalus
742.1	Microcephalus
742.4	Other specified anomalies of brain (e.g. macroencephaly)

3. 2013 Expert ICD-9-CM for Hospitals-Volumes 1,2 & 3, 2013, www.cms.gov

Hospital Procedure Coding Pathway

ICD-9-CM Code ⁴	ICD-9-CM Description
01.25	Other craniectomy
01.59	Other excision or destruction of lesion or tissue of brains
02.02	Decompression, skull fracture
02.03	Formation of cranial bone flap
02.06	Other cranial osteoplasty, includes (revision of bone flap of skull)
02.92	Repair of brain

4. 2013 Expert ICD-9-CM for Hospitals-Volumes 1,2 & 3, 2013, www.cms.gov

Hospital Revenue Codes for Reporting the OsteoCleanse Service (Potential for Separate Payment)

Hospital Revenue Code ⁵	
Revenue Code	Revenue Code Description
0272	Medical / Surgical Supplies: Sterile Supplies
0278	Medical / Surgical Supplies and Devices-Other Implants
0300	Laboratory-General
0309	Laboratory-Other Laboratory
0319	Laboratory Pathological-Other
0392	Administration, Processing, and Storage for Blood and Blood Components-Processing and Storage
0399	Administration, Processing, and Storage and Blood and Blood Components-Other Processing and Storage
0810	Acquisition of Body Components-General

5. 2013 Expert ICD-9-CM for Hospitals-Volumes 1,2 & 3, 2013, www.cms.gov

DISCLAIMER: The payments specified in this document are Centers for Medicare & Medicaid Services (CMS) national unadjusted averages. Actual payment rates will vary based on geographical adjustments to payments. The coding information provided about has not been verified with any entity responsible for coding policy, such as the AMA, the ICD 9 Committee, or any payer. As such, all codes provided herein are for illustrative purposes only and shall not be construed as a warranty, statement, promise, or guarantee that these codes are accurate or that the product will be covered in all instances, and if covered, that reimbursement in the amounts specified will be received. Coding practice will vary by site of care, patient condition, range of services provided, local payer instructions, and other factors. The decision as to how to complete a reimbursement claim form, including codes and amounts to bill, is exclusively the responsibility of the provider. Coding requirements are subject to change at any time. Check with your local payer regularly. Current Procedural Terminology (CPT) is a registered trademark of the American Medical Association (AMA).

Physician Coding Pathways			
CPT-4 Code ⁶	CPT Description	RVUs 2013	Medicare Nat'l Avg Payment ⁷
61316	Incision and subcutaneous placement of cranial bone graft	2.59	\$88.12
61322	Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; without lobectomy	70.51	\$2398.96
61323	Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment or intracranial hypertension, without evacuation of associated intraparenchymal hematoma; with lobectomy	70.65	\$2,403.72
61510	Craniectomy, trephination, bone flap craniotomy; for excision of brain tumor, supratentorial, except meningioma	65.00	\$2,211.50
61514	Craniectomy, trephination, bone flap craniotomy; for excision of brain abscess, supratentorial	56.62	\$1,926.38
61516	Craniectomy, trephination, bone flap craniotomy; for excision of fenestration of cyst, supratentorial	55.09	\$1,874.33
61570	Cranectomy or craniotomy; with excision of foreign body from brain	55.43	\$1,885.89
61571	Craniectomy or craniotomy; with treatment of penetrating wound of brain	58.99	\$2,007.02
62140	Cranioplasty for skull defect; up to 5cm diameter ^r	30.91	\$1,051.65
62141	Cranioplasty for skull defect; larger than 5cm diameter	34.08	\$1,159.50
62142	Removal of bone flap or prosthetic plate of skull	26.49	\$901.27
62143	Replacement of bone flap or prosthetic plate of skull	31.14	\$1,059.48
62146	Cranioplasty with autograft (includes obtaining bone grafts); up to 5cm diameter	37.14	\$1,263.61
62147	Cranioplasty with autograft (includes obtaining bone grafts); larger than 5cm diameter	43.27	\$1,472.18
62148	Incision and retrieval of subcutaneous cranial bone for cranioplasty	3.73	\$126.91

6. CPT 2013 Professional Edition, 2012 American Medical Association (AMA); CPT is a trademark of the AMA

7. 2013 Medicare Physician Fee Schedule RVU multiplied by conversion factor 34.023, effective January 4, 2013, www.cms.gov

Inpatient Likely MS-DRG Assignments for Relevant Procedures Utilizing the OsteoCleanse Service		
MS-DRG ⁸	MS-DRG Description	Medicare Nat'l Avg Payment 2013
004	Tracheostomy with Mechanical Ventilation 96+ Hours or Principal Diagnosis Except Face, Mouth, and Neck Without Major OR	\$62,842.90
023	Craniotomy with Maj. Device Implant/Acute Complex CNS Principal Diagnosis w. MCC or Chemo Implant	\$30,244.37
024	Craniotomy with Maj. Device Implant/Acute Complex CNS Principal Diagnosis w/out MCC or Chemo Implant	\$20,370.98
025	Craniotomy and Endovascular Intracranial Procedures with MCC	\$26,537.30
026	Craniotomy and Endovascular Intracranial Procedures with CC	\$17,065.80
027	Craniotomy and Endovascular Intracranial Procedures without CC/MCC	\$12,490.28
091	Other Disorders of the Nervous System with MCC	\$9,575.44
092	Other Disorders of the Nervous System with CC	\$5,320.39
093	Other Disorders of the Nervous System without CC/MC	\$4,006.17
515	Other Musculoskeletal System and Connective Tissue OR Procedure with MCC	\$18,957.44
516	Other Musculoskeletal System and Connective Tissue OR Procedure with CC	\$11,400.68
517	Other Musculoskeletal System and Connective Tissue OR Procedure without CC/MCC	\$9,104.26
907	Other O.R. Procedures for Injuries with MCC	\$22,268.40
908	Other O.R. Procedures for Injuries with CC	\$11,270.76
909	Other O.R. Procedures for Injuries without CC/MCC	\$6,958.55
955	Craniotomy for Multiple Significant Trauma	\$31,279.11
957	Other OR Procedures for Multiple Significant Trauma with MCC	\$37,060.29
958	Other OR Procedures for Multiple Significant Trauma with CC	\$22,521.88
959	Other OR Procedures for Multiple Significant Trauma without CC/MCC	\$14,808.64
963	Other Multiple Significant Trauma with MCC	\$16,446.80
964	Other Multiple Significant Trauma with CC	\$8,648.67
965	Other Multiple Significant Trauma without CC/MCC	\$5,443.28