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# Medical Policy Hyperbaric Oxygen Therapy

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Coding Information

**Policy Number: 653** 

BCBSA Reference Number: 2.01.04 (For Plan internal use only)

NCD/LCD: N/A

### **Related Policies**

None

# **Policy**

# Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity

Topical hyperbaric oxygen therapy is **INVESTIGATIONAL**.

Systemic hyperbaric oxygen pressurization may be <u>MEDICALLY NECESSARY</u> in the treatment of the following conditions:

- Non-healing diabetic wounds of the lower extremities in individuals who meet the following 3 criteria:
  - a. Individual has type I or type II diabetes and has a lower extremity wound that is due to diabetes, **AND**
  - b. Individual has a wound classified as Wagner grade 3\* or higher, AND
  - c. Individual has no measurable signs of healing after 30 days of an adequate course of standard wound therapy.
- Acute traumatic ischemia e.g., crush injuries, reperfusion injury, compartment syndrome
- Decompression sickness
- · Gas embolism, acute
- Cyanide poisoning, acute
- Acute carbon monoxide poisoning
- Soft-tissue radiation necrosis (e.g., radiation enteritis, cystitis, proctitis) and osteoradionecrosis
- Pre- and post-treatment for individuals undergoing dental surgery (non-implant-related) of an irradiated jaw
- Gas gangrene (i.e., clostridial myonecrosis)
- Profound anemia with exceptional blood loss: only when blood transfusion is impossible or must be delayed
- Chronic refractory osteomyelitis
- Compromised skin grafts or flaps

- Progressive necrotizing soft tissue infections
- idiopathic sudden sensorineural hearing loss (SSNHL) when:
  - Hyperbaric oxygen therapy (HBOT) is combined with steroid therapy within 2 weeks of onset of SSNHL
  - Hyperbaric oxygen therapy (HBOT) is combined with steroid therapy as salvage within 1 month of onset of SSNHL; AND
- Central retinal artery occlusion.

\*The Wagner classification system of wounds is defined as:

- Grade 0: no open lesion.
- Grade 1: superficial ulcer without penetration to deeper layers.
- Grade 2: ulcer penetrates to tendon, bone, or joint.
- Grade 3: lesion has penetrated deeper than grade 2 and there is abscess, osteomyelitis, pyarthrosis, plantar space abscess, or infection of the tendon and tendon sheaths.
- Grade 4: wet or dry gangrene in the toes or forefoot.
- Grade 5: gangrene involves the whole foot or such a percentage that no local procedures are possible and amputation (at least at the below the knee level) is indicated.

Systemic hyperbaric oxygen pressurization is **INVESTIGATIONAL** in the treatment of the following conditions:

- Acute peripheral arterial insufficiency (outside of other listed medically necessary indications involving arterial insufficiency)
- Acute coronary syndromes and as an adjunct to coronary interventions, including but not limited to, percutaneous coronary interventions and cardiopulmonary bypass
- Acute ischemic stroke
- Acute osteomyelitis
- Acute surgical and traumatic wounds not meeting criteria specified in the medically necessary statement
- Acute thermal burns
- Autism spectrum disorders
- Bell's palsy
- Bisphosphonate-related osteonecrosis of the jaw
- Bone grafts
- Brown recluse spider bites
- Carbon tetrachloride poisoning, acute
- Cerebral edema, acute
- Cerebral palsy
- Cerebrovascular disease, acute (thrombotic or embolic) or chronic
- Chronic arm lymphedema following radiotherapy for cancer
- Chronic wounds, other than those in individuals with diabetes who meet the criteria specified in the medically necessary statement
- Delayed onset muscle soreness
- Demyelinating diseases, e.g., multiple sclerosis, amyotrophic lateral sclerosis
- Early treatment (beginning at completion of radiation therapy) to reduce adverse effects of radiation therapy
- Fibromyalgia
- Fracture healing
- Herpes zoster
- Hydrogen sulfide poisoning
- Idiopathic femoral neck necrosis
- In vitro fertilization
- Inflammatory bowel disease (Crohn disease or ulcerative colitis)

- Intra-abdominal and intracranial abscesses
- Lepromatous leprosy
- Meningitis
- Mental illness (i.e., posttraumatic stress disorder, generalized anxiety disorder or depression)
- Migraine
- Motor dysfunction associated with stroke
- Necrotizing soft-tissue infections
- Pseudomembranous colitis (antimicrobial agent-induced colitis)
- Pyoderma gangrenosum
- Radiation myelitis
- Radiation-induced injury in the head and neck, except as noted earlier in the medically necessary statement
- Refractory mycoses: mucormycosis, actinomycosis, canidiobolus coronato
- Retinopathy, adjunct to scleral buckling procedures in individuals with sickle cell peripheral retinopathy and retinal detachment
- Sickle cell crisis and/or hematuria
- Spinal cord injury
- Traumatic brain injury
- Tumor sensitization for cancer treatments, including but not limited to, radiotherapy or chemotherapy
- Vascular dementia.

### **Prior Authorization Information**

# Inpatient

• For services described in this policy, precertification/preauthorization **IS REQUIRED** for all products if the procedure is performed **inpatient**.

### Outpatient

For services described in this policy, see below for products where prior authorization <u>might be</u> <u>required</u> if the procedure is performed <u>outpatient</u>.

	Outpatient
Commercial Managed Care (HMO and POS)	Prior authorization is <b>not required</b> .
Commercial PPO and Indemnity	Prior authorization is <b>not required</b> .

### **CPT Codes / HCPCS Codes / ICD Codes**

Inclusion or exclusion of a code does not constitute or imply member coverage or provider reimbursement. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage as it applies to an individual member.

Providers should report all services using the most up-to-date industry-standard procedure, revenue, and diagnosis codes, including modifiers where applicable.

The following codes are included below for informational purposes only; this is not an all-inclusive list.

The above <u>medical necessity criteria MUST</u> be met for the following codes to be covered for Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity:

### **CPT Codes**

CPT codes:	Code Description
99183	Physician attendance and supervision of hyperbaric oxygen therapy, per session

### **HCPCS Codes**

HCPCS codes:	Code Description
coucs.	Odde Description
G0277	Hyperbaric oxygen under pressure, full body chamber, per 30 minute interval

The following ICD Diagnosis Codes are considered medically necessary when submitted with the CPT, HCPCS and/or ICD Procedure codes above if <u>medical necessity criteria</u> are met:

**ICD-10-CM Diagnosis Coding** 

ICD-10-CM diagnosis	
codes:	Code Description
A48.0	Gas gangrene
D62	Acute posthemorrhagic anemia
<u> </u>	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with
E08.52	gangrene
	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with
E09.52	gangrene
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.59	Type 1 diabetes mellitus with other circulatory complications
E10.621	Type 1 diabetes mellitus with foot ulcer
E10.622	Type 1 diabetes mellitus with other skin ulcer
E10.628	Type 1 diabetes mellitus with other skin complications
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.59	Type 2 diabetes mellitus with other circulatory complications
E11.621	Type 2 diabetes mellitus with foot ulcer
E11.622	Type 2 diabetes mellitus with other skin ulcer
E11.628	Type 2 diabetes mellitus with other skin complications
	Other specified diabetes mellitus with diabetic peripheral angiopathy without
E13.51	gangrene
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.59	Other specified diabetes mellitus with other circulatory complications
E13.621	Other specified diabetes mellitus with foot ulcer
E13.622	Other specified diabetes mellitus with other skin ulcer
E13.628	Other specified diabetes mellitus with other skin complications
H34.10	Central retinal artery occlusion, unspecified eye
H34.11	Central retinal artery occlusion, right eye
H34.12	Central retinal artery occlusion, left eye
H34.13	Central retinal artery occlusion, bilateral
H91.20	Sudden idiopathic hearing loss, unspecified ear
H91.21	Sudden idiopathic hearing loss, right ear
H91.22	Sudden idiopathic hearing loss, left ear
H91.23	Sudden idiopathic hearing loss, bilateral
170.231	Atherosclerosis of native arteries of right leg with ulceration of thigh
170.232	Atherosclerosis of native arteries of right leg with ulceration of calf
170.233	Atherosclerosis of native arteries of right leg with ulceration of ankle
170.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
170.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot
	Atherosclerosis of native arteries of right leg with ulceration of other part of lower
170.238	right leg

170.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh
170.242	Atherosclerosis of native arteries of left leg with ulceration of calf
170.243	Atherosclerosis of native arteries of left leg with ulceration of ankle
170.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
170.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot
	Atherosclerosis of native arteries of left leg with ulceration of other part of lower left
170.248	leg
170.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.331	of thigh
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.332	of calf
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.333	of ankle
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.334	of heel and midfoot
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.335	of other part of foot
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.338	of other part of lower leg
	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration
170.339	of unspecified site
170 0 4 4	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.341	thigh
170 242	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.342	calf Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.343	ankle
17 0.545	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.344	heel and midfoot
17 0.0 1 1	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.345	other part of foot
	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.348	other part of lower leg
	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of
170.349	unspecified site
	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with
I70.361	gangrene, right leg
	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with
170.362	gangrene, left leg
	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with
170.363	gangrene, bilateral legs
	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with
170.368	gangrene, other extremity
170 000	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with
170.369	gangrene, unspecified extremity
170 404	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of
170.431	thigh
170 422	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of
170.432	calf Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of
170.433	ankle
170.433	ainc

170 424	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of
170.434	heel and midfoot
170.435	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of foot
17 01 100	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of
170.438	other part of lower leg
	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of
170.439	unspecified site
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
I70.441	thigh
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
170.442	calf
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
170.443	ankle
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
170.444	heel and midfoot
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
170.445	other part of foot
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
I70.448	other part of lower leg
	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of
170.449	unspecified site
.=	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene,
I70.461	right leg
170 400	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene,
170.462	left leg
170 400	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene,
170.463	bilateral legs Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene,
170.468	other extremity
170.400	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene,
170.469	unspecified extremity
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.531	ulceration of thigh
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.532	ulceration of calf
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.533	ulceration of ankle
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.534	ulceration of heel and midfoot
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.535	ulceration of other part of foot
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.538	ulceration of other part of lower leg
	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with
170.539	ulceration of unspecified site
170 5 4 4	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with
170.541	ulceration of thigh
170 540	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with
170.542	ulceration of calf
I70 E 40	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of ankle
170.543	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with
170.544	ulceration of heel and midfoot
11 0.077	discretion of free and fination

170 545	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with
170.545	ulceration of other part of foot
170.548	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of lower leg
	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with
170.549	ulceration of unspecified site
	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with
170.561	gangrene, right leg
	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with
170.562	gangrene, left leg
	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with
170.563	gangrene, bilateral legs
	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with
170.568	gangrene, other extremity
	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with
170.569	gangrene, unspecified extremity
	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of
I70.631	thigh
170.632	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of calf
	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of
170.633	ankle
	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel
170.634	and midfoot
	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of
170.635	other part of foot
	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of
170.638	other part of lower leg
	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of
170.639	unspecified site
I70.641	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh
170.642	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf
170.643	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of ankle
	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of heel
I70.644	and midfoot
	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other
I70.645	part of foot
	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other
I70.648	part of lower leg
	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of
170.649	unspecified site
	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene,
I70.661	right leg
	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left
170.662	leg
	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene,
170.663	bilateral legs
	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene,
170.668	other extremity
170.000	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene,
170.669	unspecified extremity
170.731	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of thigh
170.732	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of calf
	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of
170.733	ankle

170 724	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of heel
170.734	and midfoot  Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other
170.735	part of foot
170.755	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other
170.738	part of lower leg
17 0.7 00	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of
170.739	unspecified site
170.741	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of thigh
170.742	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of calf
170.743	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of ankle
170.740	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of heel
170.744	and midfoot
	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other
170.745	part of foot
	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other
170.748	part of lower leg
	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of
170.749	unspecified site
	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right
I70.761	leg
	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left
170.762	leg
	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene,
170.763	bilateral legs
	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene,
170.768	other extremity
170 700	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene,
170.769	unspecified extremity
173.01	Raynaud's syndrome with gangrene
196	Gangrene, not elsewhere classified
K62.7	Radiation proctitis
L59.8	Other specified disorders of the skin and subcutaneous tissue related to radiation
L59.9	Disorder of the skin and subcutaneous tissue related to radiation, unspecified
L97.101	Non-pressure chronic ulcer of unspecified thigh limited to breakdown of skin
L97.102	Non-pressure chronic ulcer of unspecified thigh with fat layer exposed
L97.103	Non-pressure chronic ulcer of unspecified thigh with necrosis of muscle
L97.104	Non-pressure chronic ulcer of unspecified thigh with necrosis of bone
	Non-pressure chronic ulcer of unspecified thigh with muscle involvement without
L97.105	evidence of necrosis
	Non-pressure chronic ulcer of unspecified thigh with bone involvement without
L97.106	evidence of necrosis
L97.108	Non-pressure chronic ulcer of unspecified thigh with other specified severity
L97.109	Non-pressure chronic ulcer of unspecified thigh with unspecified severity
L97.111	Non-pressure chronic ulcer of right thigh limited to breakdown of skin
L97.112	Non-pressure chronic ulcer of right thigh with fat layer exposed
L97.113	Non-pressure chronic ulcer of right thigh with necrosis of muscle
L97.114	Non-pressure chronic ulcer of right thigh with necrosis of bone
	Non-pressure chronic ulcer of right thigh with muscle involvement without evidence
L97.115	of necrosis
	Non-pressure chronic ulcer of right thigh with bone involvement without evidence of
L97.116	necrosis
L97.118	Non-pressure chronic ulcer of right thigh with other specified severity

L97.119	Non-pressure chronic ulcer of right thigh with unspecified severity
L97.121	Non-pressure chronic ulcer of left thigh limited to breakdown of skin
L97.122	Non-pressure chronic ulcer of left thigh with fat layer exposed
L97.123	Non-pressure chronic ulcer of left thigh with necrosis of muscle
L97.124	Non-pressure chronic ulcer of left thigh with necrosis of bone
	Non-pressure chronic ulcer of left thigh with muscle involvement without evidence of
L97.125	necrosis
	Non-pressure chronic ulcer of left thigh with bone involvement without evidence of
L97.126	necrosis
L97.128	Non-pressure chronic ulcer of left thigh with other specified severity
L97.129	Non-pressure chronic ulcer of left thigh with unspecified severity
L97.201	Non-pressure chronic ulcer of unspecified calf limited to breakdown of skin
L97.202	Non-pressure chronic ulcer of unspecified calf with fat layer exposed
L97.203	Non-pressure chronic ulcer of unspecified calf with necrosis of muscle
L97.204	Non-pressure chronic ulcer of unspecified calf with necrosis of bone
L07.204	Non-pressure chronic ulcer of unspecified calf with muscle involvement without
L97.205	evidence of necrosis
	Non-pressure chronic ulcer of unspecified calf with bone involvement without
L97.206	evidence of necrosis
L97.208	Non-pressure chronic ulcer of unspecified calf with other specified severity
L97.209	Non-pressure chronic ulcer of unspecified calf with unspecified severity
L97.211	Non-pressure chronic ulcer of right calf limited to breakdown of skin
L97.212	Non-pressure chronic ulcer of right calf with fat layer exposed
L97.213	Non-pressure chronic ulcer of right calf with necrosis of muscle
L97.214	Non-pressure chronic ulcer of right calf with necrosis of bone
207.211	Non-pressure chronic ulcer of right calf with muscle involvement without evidence of
L97.215	necrosis
	Non-pressure chronic ulcer of right calf with bone involvement without evidence of
L97.216	necrosis
L97.218	Non-pressure chronic ulcer of right calf with other specified severity
L97.219	Non-pressure chronic ulcer of right calf with unspecified severity
L97.221	Non-pressure chronic ulcer of left calf limited to breakdown of skin
L97.222	Non-pressure chronic ulcer of left calf with fat layer exposed
L97.223	Non-pressure chronic ulcer of left calf with necrosis of muscle
L97.224	Non-pressure chronic ulcer of left calf with necrosis of bone
	Non-pressure chronic ulcer of left calf with muscle involvement without evidence of
L97.225	necrosis
	Non-pressure chronic ulcer of left calf with bone involvement without evidence of
L97.226	necrosis
L97.228	Non-pressure chronic ulcer of left calf with other specified severity
L97.229	Non-pressure chronic ulcer of left calf with unspecified severity
L97.301	Non-pressure chronic ulcer of unspecified ankle limited to breakdown of skin
L97.302	Non-pressure chronic ulcer of unspecified ankle with fat layer exposed
L97.303	Non-pressure chronic ulcer of unspecified ankle with necrosis of muscle
L97.304	Non-pressure chronic ulcer of unspecified ankle with necrosis of bone
	Non-pressure chronic ulcer of unspecified ankle with muscle involvement without
L97.305	evidence of necrosis
	Non-pressure chronic ulcer of unspecified ankle with bone involvement without
L97.306	evidence of necrosis
L97.308	Non-pressure chronic ulcer of unspecified ankle with other specified severity
L97.309	Non-pressure chronic ulcer of unspecified ankle with unspecified severity
L97.311	Non-pressure chronic ulcer of right ankle limited to breakdown of skin

L97.312	Non-pressure chronic ulcer of right ankle with fat layer exposed
L97.313	Non-pressure chronic ulcer of right ankle with necrosis of muscle
L97.314	Non-pressure chronic ulcer of right ankle with necrosis of bone
	Non-pressure chronic ulcer of right ankle with muscle involvement without evidence
L97.315	of necrosis
	Non-pressure chronic ulcer of right ankle with bone involvement without evidence of
L97.316	necrosis
L97.318	Non-pressure chronic ulcer of right ankle with other specified severity
L97.319	Non-pressure chronic ulcer of right ankle with unspecified severity
L97.321	Non-pressure chronic ulcer of left ankle limited to breakdown of skin
L97.322	Non-pressure chronic ulcer of left ankle with fat layer exposed
L97.323	Non-pressure chronic ulcer of left ankle with necrosis of muscle
L97.324	Non-pressure chronic ulcer of left ankle with necrosis of bone
	Non-pressure chronic ulcer of left ankle with muscle involvement without evidence of
L97.325	necrosis
	Non-pressure chronic ulcer of left ankle with bone involvement without evidence of
L97.326	necrosis
L97.328	Non-pressure chronic ulcer of left ankle with other specified severity
L97.329	Non-pressure chronic ulcer of left ankle with unspecified severity
	Non-pressure chronic ulcer of unspecified heel and midfoot limited to breakdown of
L97.401	skin
L97.402	Non-pressure chronic ulcer of unspecified heel and midfoot with fat layer exposed
L97.403	Non-pressure chronic ulcer of unspecified heel and midfoot with necrosis of muscle
L97.404	Non-pressure chronic ulcer of unspecified heel and midfoot with necrosis of bone
	Non-pressure chronic ulcer of unspecified heel and midfoot with muscle involvement
L97.405	without evidence of necrosis
1.07.406	Non-pressure chronic ulcer of unspecified heel and midfoot with bone involvement
L97.406	without evidence of necrosis  Non-pressure chronic ulcer of unspecified heel and midfoot with other specified
L97.408	severity
L97.409	Non-pressure chronic ulcer of unspecified heel and midfoot with unspecified severity
L97.411	Non-pressure chronic ulcer of dispectified freel and midfoot limited to breakdown of skin
L97.412	Non-pressure chronic ulcer of right heel and midfoot with fat layer exposed
L97.413	Non-pressure chronic ulcer of right heel and midfoot with necrosis of muscle
L97.413	Non-pressure chronic ulcer of right heel and midfoot with necrosis of bone
L97.414	Non-pressure chronic dicer of right heel and midfoot with muscle involvement without
L97.415	evidence of necrosis
L97.413	Non-pressure chronic ulcer of right heel and midfoot with bone involvement without
L97.416	evidence of necrosis
L97.418	Non-pressure chronic ulcer of right heel and midfoot with other specified severity
L97.419	Non-pressure chronic ulcer of right heel and midfoot with unspecified severity
L97.421	Non-pressure chronic ulcer of left heel and midfoot limited to breakdown of skin
L97.422	Non-pressure chronic ulcer of left heel and midfoot with fat layer exposed
L97.423	Non-pressure chronic ulcer of left heel and midfoot with necrosis of muscle
L97.423	Non-pressure chronic ulcer of left heel and midfoot with necrosis of bone
L31.424	Non-pressure chronic dicer of left heel and midfoot with muscle involvement without
L97.425	evidence of necrosis
LU1.720	Non-pressure chronic ulcer of left heel and midfoot with bone involvement without
L97.426	evidence of necrosis
L97.428	Non-pressure chronic ulcer of left heel and midfoot with other specified severity
L97.429	Non-pressure chronic ulcer of left heel and midfoot with unspecified severity
L31.723	Non-pressure chronic ulcer of other part of unspecified foot limited to breakdown of
L97.501	skin
L01.001	OMIT

L97.502	Non-pressure chronic ulcer of other part of unspecified foot with fat layer exposed
L97.503	Non-pressure chronic ulcer of other part of unspecified foot with necrosis of muscle
L97.504	Non-pressure chronic ulcer of other part of unspecified foot with necrosis of bone
	Non-pressure chronic ulcer of other part of unspecified foot with muscle involvement
L97.505	without evidence of necrosis
	Non-pressure chronic ulcer of other part of unspecified foot with bone involvement
L97.506	without evidence of necrosis
1.07.500	Non-pressure chronic ulcer of other part of unspecified foot with other specified
L97.508	severity
L97.509	Non-pressure chronic ulcer of other part of unspecified foot with unspecified severity
L97.511	Non-pressure chronic ulcer of other part of right foot limited to breakdown of skin
L97.512	Non-pressure chronic ulcer of other part of right foot with fat layer exposed
L97.513	Non-pressure chronic ulcer of other part of right foot with necrosis of muscle
L97.514	Non-pressure chronic ulcer of other part of right foot with necrosis of bone
107.545	Non-pressure chronic ulcer of other part of right foot with muscle involvement without
L97.515	evidence of necrosis
1.07.516	Non-pressure chronic ulcer of other part of right foot with bone involvement without
L97.516	evidence of necrosis
L97.518	Non-pressure chronic ulcer of other part of right foot with other specified severity
L97.519	Non-pressure chronic ulcer of other part of right foot with unspecified severity
L97.521	Non-pressure chronic ulcer of other part of left foot limited to breakdown of skin
L97.522	Non-pressure chronic ulcer of other part of left foot with fat layer exposed
L97.523	Non-pressure chronic ulcer of other part of left foot with necrosis of muscle
L97.524	Non-pressure chronic ulcer of other part of left foot with necrosis of bone
1.07.505	Non-pressure chronic ulcer of other part of left foot with muscle involvement without
L97.525	evidence of necrosis
L97.526	Non-pressure chronic ulcer of other part of left foot with bone involvement without evidence of necrosis
L97.528	Non-pressure chronic ulcer of other part of left foot with other specified severity
L97.529	Non-pressure chronic dicer of other part of left foot with unspecified severity
L91.329	Non-pressure chronic dicer of other part of unspecified lower leg limited to
L97.801	breakdown of skin
207.001	Non-pressure chronic ulcer of other part of unspecified lower leg with fat layer
L97.802	exposed
	Non-pressure chronic ulcer of other part of unspecified lower leg with necrosis of
L97.803	muscle
	Non-pressure chronic ulcer of other part of unspecified lower leg with necrosis of
L97.804	bone
	Non-pressure chronic ulcer of other part of unspecified lower leg with muscle
L97.805	involvement without evidence of necrosis
	Non-pressure chronic ulcer of other part of unspecified lower leg with bone
L97.806	involvement without evidence of necrosis
	Non-pressure chronic ulcer of other part of unspecified lower leg with other specified
L97.808	severity
1.07.000	Non-pressure chronic ulcer of other part of unspecified lower leg with unspecified
L97.809	Severity  Non-pressure observe of other part of right lower log limited to breekdown of
107044	Non-pressure chronic ulcer of other part of right lower leg limited to breakdown of
L97.811	Skin
L97.812	Non-pressure chronic ulcer of other part of right lower leg with fat layer exposed
L97.813	Non-pressure chronic ulcer of other part of right lower leg with necrosis of muscle
L97.814	Non-pressure chronic ulcer of other part of right lower leg with necrosis of bone
107045	Non-pressure chronic ulcer of other part of right lower leg with muscle involvement
L97.815	without evidence of necrosis

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107.046	Non-pressure chronic ulcer of other part of right lower leg with bone involvement
L97.816	without evidence of necrosis
L97.818	Non-pressure chronic ulcer of other part of right lower leg with other specified severity
L97.819	Non-pressure chronic ulcer of other part of right lower leg with unspecified severity
L97.821	Non-pressure chronic ulcer of other part of left lower leg limited to breakdown of skin
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L97.822	Non-pressure chronic ulcer of other part of left lower leg with fat layer exposed
L97.823	Non-pressure chronic ulcer of other part of left lower leg with necrosis of muscle
L97.824	Non-pressure chronic ulcer of other part of left lower leg with necrosis of bone
1.07.005	Non-pressure chronic ulcer of other part of left lower leg with muscle involvement
L97.825	without evidence of necrosis
L97.826	Non-pressure chronic ulcer of other part of left lower leg with bone involvement without evidence of necrosis
L97.828	Non-pressure chronic ulcer of other part of left lower leg with other specified severity
L97.829	Non-pressure chronic ulcer of other part of left lower leg with unspecified severity
L91.029	Non-pressure chronic dicer of other part of left lower leg with drispectified seventy  Non-pressure chronic ulcer of unspecified part of unspecified lower leg limited to
L97.901	breakdown of skin
L37.301	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with fat layer
L97.902	exposed
	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with necrosis
L97.903	of muscle
	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with necrosis
L97.904	of bone
	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with muscle
L97.905	involvement without evidence of necrosis
	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with bone
L97.906	involvement without evidence of necrosis
	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with other
L97.908	specified severity
	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with
L97.909	unspecified severity
	Non-pressure chronic ulcer of unspecified part of right lower leg limited to breakdown
L97.911	of skin
	Non-pressure chronic ulcer of unspecified part of right lower leg with fat layer
L97.912	exposed
	Non-pressure chronic ulcer of unspecified part of right lower leg with necrosis of
L97.913	muscle
	Non-pressure chronic ulcer of unspecified part of right lower leg with necrosis of
L97.914	bone
	Non-pressure chronic ulcer of unspecified part of right lower leg with muscle
L97.915	involvement without evidence of necrosis
	Non-pressure chronic ulcer of unspecified part of right lower leg with bone
L97.916	involvement without evidence of necrosis
	Non-pressure chronic ulcer of unspecified part of right lower leg with other specified
L97.918	severity
1	Non-pressure chronic ulcer of unspecified part of right lower leg with unspecified
L97.919	severity
1	Non-pressure chronic ulcer of unspecified part of left lower leg limited to breakdown
L97.921	of skin
L97.922	Non-pressure chronic ulcer of unspecified part of left lower leg with fat layer exposed
	Non-pressure chronic ulcer of unspecified part of left lower leg with necrosis of
L97.923	muscle
L97.924	Non-pressure chronic ulcer of unspecified part of left lower leg with necrosis of bone

	Non-pressure chronic ulcer of unspecified part of left lower leg with muscle
L97.925	involvement without evidence of necrosis
	Non-pressure chronic ulcer of unspecified part of left lower leg with bone involvement
L97.926	without evidence of necrosis
	Non-pressure chronic ulcer of unspecified part of left lower leg with other specified
L97.928	severity
	Non-pressure chronic ulcer of unspecified part of left lower leg with unspecified
L97.929	severity
M27.2	Inflammatory conditions of jaws
M27.8	Other specified diseases of jaws
M72.6	Necrotizing fasciitis
M86.30	Chronic multifocal osteomyelitis, unspecified site
M86.311	Chronic multifocal osteomyelitis, right shoulder
M86.312	Chronic multifocal osteomyelitis, left shoulder
M86.319	Chronic multifocal osteomyelitis, unspecified shoulder
M86.321	Chronic multifocal osteomyelitis, right humerus
M86.322	Chronic multifocal osteomyelitis, left humerus
M86.329	Chronic multifocal osteomyelitis, unspecified humerus
M86.331	Chronic multifocal osteomyelitis, right radius and ulna
M86.332	Chronic multifocal osteomyelitis, left radius and ulna
M86.339	Chronic multifocal osteomyelitis, unspecified radius and ulna
M86.341	Chronic multifocal osteomyelitis, right hand
M86.342	Chronic multifocal osteomyelitis, left hand
M86.349	Chronic multifocal osteomyelitis, unspecified hand
M86.351	Chronic multifocal osteomyelitis, right femur
M86.352	Chronic multifocal osteomyelitis, left femur
M86.359	Chronic multifocal osteomyelitis, unspecified femur
M86.361	Chronic multifocal osteomyelitis, right tibia and fibula
M86.362	Chronic multifocal osteomyelitis, left tibia and fibula
M86.369	Chronic multifocal osteomyelitis, unspecified tibia and fibula
M86.371	Chronic multifocal osteomyelitis, right ankle and foot
M86.372	Chronic multifocal osteomyelitis, left ankle and foot
M86.379	Chronic multifocal osteomyelitis, unspecified ankle and foot
M86.38	Chronic multifocal osteomyelitis, other site
M86.39	Chronic multifocal osteomyelitis, multiple sites
M86.40	Chronic osteomyelitis with draining sinus, unspecified site
M86.411	Chronic osteomyelitis with draining sinus, right shoulder
M86.412	Chronic osteomyelitis with draining sinus, left shoulder
M86.419	Chronic osteomyelitis with draining sinus, unspecified shoulder
M86.421	Chronic osteomyelitis with draining sinus, right humerus
M86.422	Chronic osteomyelitis with draining sinus, left humerus
M86.429	Chronic osteomyelitis with draining sinus, unspecified humerus
M86.431	Chronic osteomyelitis with draining sinus, right radius and ulna
M86.432	Chronic osteomyelitis with draining sinus, left radius and ulna
M86.439	Chronic osteomyelitis with draining sinus, unspecified radius and ulna
M86.441	Chronic osteomyelitis with draining sinus, right hand
M86.442	Chronic osteomyelitis with draining sinus, left hand
M86.449	Chronic osteomyelitis with draining sinus, unspecified hand
M86.451	Chronic osteomyelitis with draining sinus, right femur
M86.452	Chronic osteomyelitis with draining sinus, left femur
M86.459	Chronic osteomyelitis with draining sinus, unspecified femur
IVIOU.403	Tornorine osteomyenus with draining sinus, unspecined terridi

M86.461	Chronic osteomyelitis with draining sinus, right tibia and fibula
M86.462	Chronic osteomyelitis with draining sinus, left tibia and fibula
M86.469	Chronic osteomyelitis with draining sinus, unspecified tibia and fibula
M86.471	Chronic osteomyelitis with draining sinus, right ankle and foot
M86.472	Chronic osteomyelitis with draining sinus, left ankle and foot
M86.479	Chronic osteomyelitis with draining sinus, unspecified ankle and foot
M86.48	Chronic osteomyelitis with draining sinus, other site
M86.49	Chronic osteomyelitis with draining sinus, multiple sites
M86.50	Other chronic hematogenous osteomyelitis, unspecified site
M86.511	Other chronic hematogenous osteomyelitis, right shoulder
M86.512	Other chronic hematogenous osteomyelitis, left shoulder
M86.519	Other chronic hematogenous osteomyelitis, unspecified shoulder
M86.521	Other chronic hematogenous osteomyelitis, right humerus
M86.522	Other chronic hematogenous osteomyelitis, left humerus
M86.529	Other chronic hematogenous osteomyelitis, unspecified humerus
M86.531	Other chronic hematogenous osteomyelitis, right radius and ulna
M86.532	Other chronic hematogenous osteomyelitis, left radius and ulna
M86.539	Other chronic hematogenous osteomyelitis, unspecified radius and ulna
M86.541	Other chronic hematogenous osteomyelitis, right hand
M86.542	Other chronic hematogenous osteomyelitis, left hand
M86.549	Other chronic hematogenous osteomyelitis, unspecified hand
M86.551	Other chronic hematogenous osteomyelitis, right femur
M86.552	Other chronic hematogenous osteomyelitis, left femur
M86.559	Other chronic hematogenous osteomyelitis, unspecified femur
M86.561	Other chronic hematogenous osteomyelitis, right tibia and fibula
M86.562	Other chronic hematogenous osteomyelitis, left tibia and fibula
M86.569	Other chronic hematogenous osteomyelitis, unspecified tibia and fibula
M86.571	Other chronic hematogenous osteomyelitis, right ankle and foot
M86.572	Other chronic hematogenous osteomyelitis, left ankle and foot
M86.579	Other chronic hematogenous osteomyelitis, unspecified ankle and foot
M86.58	Other chronic hematogenous osteomyelitis, other site
M86.59	Other chronic hematogenous osteomyelitis, multiple sites
M86.60	Other chronic osteomyelitis, unspecified site
M86.611	Other chronic osteomyelitis, right shoulder
M86.612	Other chronic osteomyelitis, left shoulder
M86.619	Other chronic osteomyelitis, unspecified shoulder
M86.621	Other chronic osteomyelitis, right humerus
M86.622	Other chronic osteomyelitis, left humerus
M86.629	Other chronic osteomyelitis, unspecified humerus
M86.631	Other chronic osteomyelitis, right radius and ulna
M86.632	Other chronic osteomyelitis, left radius and ulna
M86.639	Other chronic osteomyelitis, unspecified radius and ulna
M86.641	Other chronic osteomyelitis, right hand
M86.642	Other chronic osteomyelitis, left hand
M86.649	Other chronic osteomyelitis, unspecified hand
M86.651	Other chronic osteomyelitis, right thigh
M86.652	Other chronic osteomyelitis, left thigh
M86.659	Other chronic osteomyelitis, unspecified thigh
M86.661	Other chronic osteomyelitis, right tibia and fibula
M86.662	Other chronic osteomyelitis, left tibia and fibula
M86.669	Other chronic osteomyelitis, unspecified tibia and fibula

M86.671	Other chronic osteomyelitis, right ankle and foot
M86.672	Other chronic osteomyelitis, left ankle and foot
M86.679	Other chronic osteomyelitis, unspecified ankle and foot
M86.68	Other chronic osteomyelitis, other site
M86.69	Other chronic osteomyelitis, multiple sites
M86.8x0	Other osteomyelitis, multiple sites
M86.8x1	Other osteomyelitis, shoulder
M86.8x2	Other osteomyelitis, upper arm
M86.8x3	Other osteomyelitis, forearm
M86.8x4	Other osteomyelitis, hand
M86.8x5	Other osteomyelitis, thigh
M86.8x6	Other osteomyelitis, lower leg
M86.8x7	Other osteomyelitis, ankle and foot
M86.8x8	Other osteomyelitis, other site
M86.8x9	Other osteomyelitis, unspecified sites
N30.40	Irradiation cystitis without hematuria
N30.41	Irradiation cystitis with hematuria
S07.0xxA	Crushing injury of face, initial encounter
S07.0xxS	Crushing injury of face, sequela
S07.1xxA	Crushing injury of skull, initial encounter
S07.1xxD	Crushing injury of skull, subsequent encounter
S07.1xxS	Crushing injury of skull, sequela
S07.8xxA	Crushing injury of other parts of head, initial encounter
S07.8xxD	Crushing injury of other parts of head, subsequent encounter
S07.8xxS	Crushing injury of other parts of head, sequela
S07.9xxA	Crushing injury of head, part unspecified, initial encounter
S07.9xxD	Crushing injury of head, part unspecified, subsequent encounter
S07.9xxS	Crushing injury of head, part unspecified, sequela
S17.0xxA	Crushing injury of larynx and trachea, initial encounter
S17.0xxD	Crushing injury of larynx and trachea, subsequent encounter
S17.0xxS	Crushing injury of larynx and trachea, sequela
S17.8xxA	Crushing injury of other specified parts of neck, initial encounter
S17.8xxD	Crushing injury of other specified parts of neck, subsequent encounter
S17.8xxS	Crushing injury of other specified parts of neck, sequela
S17.9xxA	Crushing injury of neck, part unspecified, initial encounter
S17.9xxD	Crushing injury of neck, part unspecified, subsequent encounter
S17.9xxS	Crushing injury of neck, part unspecified, sequela
S28.0xxA	Crushed chest, initial encounter
S28.0xxA	Crushed chest, initial encounter
S28.0xxA	Crushed chest, initial encounter
S28.0xxD	Crushed chest, subsequent encounter
S28.0xxS	Crushed chest, sequela
S38.001A	Crushing injury of unspecified external genital organs, male, initial encounter
S38.001D	Crushing injury of unspecified external genital organs, male, subsequent encounter
S38.001S	Crushing injury of unspecified external genital organs, male, sequela
S38.002A	Crushing injury of unspecified external genital organs, female, initial encounter
S38.002D	Crushing injury of unspecified external genital organs, female, subsequent encounter
S38.002S	Crushing injury of unspecified external genital organs, female, sequela
S38.01xA	Crushing injury of penis, initial encounter
S38.01xD	Crushing injury of penis, subsequent encounter
S38.01xS	Crushing injury of penis, sequela

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S38.02xA	Crushing injury of scrotum and testis, initial encounter
S38.02xD	Crushing injury of scrotum and testis, subsequent encounter
S38.02xS	Crushing injury of scrotum and testis, sequela
S38.03	Crushing injury of vulva
S38.03xA	Crushing injury of vulva, initial encounter
S38.03xD	Crushing injury of vulva, subsequent encounter
S38.03xS	Crushing injury of vulva, sequela
S38.1xxA	Crushing injury of abdomen, lower back, and pelvis, initial encounter
S38.1xxA	Crushing injury of abdomen, lower back, and pelvis, initial encounter
S38.1xxD	Crushing injury of abdomen, lower back, and pelvis, subsequent encounter
S38.1xxS	Crushing injury of abdomen, lower back, and pelvis, sequela
S47.1xxA	Crushing injury of right shoulder and upper arm, initial encounter
S47.1xxA	Crushing injury of right shoulder and upper arm, initial encounter
S47.1xxA	Crushing injury of right shoulder and upper arm, initial encounter
S47.1xxA	Crushing injury of right shoulder and upper arm, initial encounter
S47.1xxA	Crushing injury of right shoulder and upper arm, initial encounter
S47.1xxA	Crushing injury of right shoulder and upper arm, initial encounter
S47.1xxD	Crushing injury of right shoulder and upper arm, subsequent encounter
S47.1xxS	Crushing injury of right shoulder and upper arm, sequela
S47.2xxA	Crushing injury of left shoulder and upper arm, initial encounter
S47.2xxA	Crushing injury of left shoulder and upper arm, initial encounter
S47.2xxA	Crushing injury of left shoulder and upper arm, initial encounter
S47.2xxA	Crushing injury of left shoulder and upper arm, initial encounter
S47.2xxA	Crushing injury of left shoulder and upper arm, initial encounter
S47.2xxA	Crushing injury of left shoulder and upper arm, initial encounter
S47.2xxD	Crushing injury of left shoulder and upper arm, subsequent encounter
S47.2xxS	Crushing injury of left shoulder and upper arm, sequela
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter
S47.9xxD	Crushing injury of shoulder and upper arm, unspecified arm, subsequent encounter
S47.9xxS	Crushing injury of shoulder and upper arm, unspecified arm, sequela
S57.00xA	Crushing injury of unspecified elbow, initial encounter
S57.00xD	Crushing injury of unspecified elbow, subsequent encounter
S57.00xS	Crushing injury of unspecified elbow, sequela
S57.01xA	Crushing injury of right elbow, initial encounter
S57.01xD	Crushing injury of right elbow, subsequent encounter
S57.01xS	Crushing injury of right elbow, sequela
S57.02xA	Crushing injury of left elbow, initial encounter
S57.02xD	Crushing injury of left elbow, subsequent encounter
S57.02xS	Crushing injury of left elbow, sequela
S57.80xA	Crushing injury of unspecified forearm, initial encounter
S57.80xD	Crushing injury of unspecified forearm, subsequent encounter
S57.80xS	Crushing injury of unspecified forearm, sequela
S57.81xA	Crushing injury of right forearm, initial encounter
S57.81xD	Crushing injury of right forearm, subsequent encounter
S57.81xS	Crushing injury of right forearm, sequela

S57.82xA	Crushing injury of left forearm, initial encounter
S57.82xD	Crushing injury of left forearm, subsequent encounter
S57.82xS	Crushing injury of left forearm, sequela
S67.00xA	Crushing injury of unspecified thumb, initial encounter
S67.00xD	Crushing injury of unspecified thumb, subsequent encounter
S67.00xS	Crushing injury of unspecified thumb, sequela
S67.01xA	Crushing injury of right thumb, initial encounter
S67.01xD	Crushing injury of right thumb, subsequent encounter
S67.01xS	Crushing injury of right thumb, sequela
S67.02xA	Crushing injury of left thumb, initial encounter
S67.02xD	Crushing injury of left thumb, subsequent encounter
S67.02xS	Crushing injury of left thumb, sequela
S67.10xA	Crushing injury of unspecified finger(s), initial encounter
S67.10xD	Crushing injury of unspecified finger(s), subsequent encounter
S67.10xS	Crushing injury of unspecified finger(s), sequela
S67.190A	Crushing injury of right index finger, initial encounter
S67.190D	Crushing injury of right index finger, subsequent encounter
S67.190S	Crushing injury of right index finger, sequela
S67.191A	Crushing injury of left index finger, initial encounter
S67.191D	Crushing injury of left index finger, subsequent encounter
S67.191S	Crushing injury of left index finger, sequela
S67.192A	Crushing injury of right middle finger, initial encounter
S67.192D	Crushing injury of right middle finger, subsequent encounter
S67.192S	Crushing injury of right middle finger, sequela
S67.193A	Crushing injury of left middle finger, initial encounter
S67.193D	Crushing injury of left middle finger, subsequent encounter
S67.193S	Crushing injury of left middle finger, sequela
S67.194A	Crushing injury of right ring finger, initial encounter
S67.194D	Crushing injury of right ring finger, subsequent encounter
S67.194S	Crushing injury of right ring finger, sequela
S67.195A	Crushing injury of left ring finger, initial encounter
S67.195D	Crushing injury of left ring finger, subsequent encounter
S67.195S	Crushing injury of left ring finger, sequela
S67.196A	Crushing injury of right little finger, initial encounter
S67.196D	Crushing injury of right little finger, subsequent encounter
S67.196S	Crushing injury of right little finger, sequela
S67.197A	Crushing injury of left little finger, initial encounter
S67.197D	Crushing injury of left little finger, subsequent encounter
S67.197S	Crushing injury of left little finger, sequela
S67.198A	Crushing injury of other finger, initial encounter
S67.198D	Crushing injury of other finger, subsequent encounter
S67.198S	Crushing injury of other finger, sequela
S67.20xA	Crushing injury of unspecified hand, initial encounter
S67.20xD	Crushing injury of unspecified hand, subsequent encounter
S67.20xS	Crushing injury of unspecified hand, sequela
S67.21xA	Crushing injury of right hand, initial encounter
S67.21xD	Crushing injury of right hand, subsequent encounter
S67.21xS	Crushing injury of right hand, sequela
S67.22xA	Crushing injury of left hand, initial encounter
S67.22xD	Crushing injury of left hand, subsequent encounter
S67.22xS	Crushing injury of left hand, sequela
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S67.30xA	Crushing injury of unspecified wrist, initial encounter
S67.30xD	Crushing injury of unspecified wrist, subsequent encounter
S67.30xS	Crushing injury of unspecified wrist, sequela
S67.31xA	Crushing injury of right wrist, initial encounter
S67.31xD	Crushing injury of right wrist, subsequent encounter
S67.31xS	Crushing injury of right wrist, sequela
S67.32xA	Crushing injury of left wrist, initial encounter
S67.32xD	Crushing injury of left wrist, subsequent encounter
S67.32xS	Crushing injury of left wrist, sequela
S67.40xA	Crushing injury of unspecified wrist and hand, initial encounter
S67.40xD	Crushing injury of unspecified wrist and hand, subsequent encounter
S67.40xS	Crushing injury of unspecified wrist and hand, sequela
S67.41xA	Crushing injury of right wrist and hand, initial encounter
S67.41xD	Crushing injury of right wrist and hand, subsequent encounter
S67.41xS	Crushing injury of right wrist and hand, sequela
S67.42xA	Crushing injury of left wrist and hand, initial encounter
S67.42xD	Crushing injury of left wrist and hand, subsequent encounter
S67.42xS	Crushing injury of left wrist and hand, sequela
007.004	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers, initial
S67.90xA	encounter  Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers,
S67.90xD	subsequent encounter
S67.90xS	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers, sequela
S67.91xA	Crushing injury of unspecified part(s) of right wrist, hand and fingers, sequelated Crushing injury of unspecified part(s) of right wrist, hand and fingers, initial encounter
307.91XA	Crushing injury of unspecified part(s) of right wrist, hand and fingers, subsequent
S67.91xD	encounter
S67.91xS	Crushing injury of unspecified part(s) of right wrist, hand and fingers, sequela
S67.92xA	Crushing injury of unspecified part(s) of left wrist, hand and fingers, initial encounter
	Crushing injury of unspecified part(s) of left wrist, hand and fingers, subsequent
S67.92xD	encounter
S67.92xS	Crushing injury of unspecified part(s) of left wrist, hand and fingers, sequela
S77.00xA	Crushing injury of unspecified hip, initial encounter
S77.00xD	Crushing injury of unspecified hip, subsequent encounter
S77.00xS	Crushing injury of unspecified hip, sequela
S77.01xA	Crushing injury of right hip, initial encounter
S77.01xD	Crushing injury of right hip, subsequent encounter
S77.01xS	Crushing injury of right hip, sequela
S77.02xA	Crushing injury of left hip, initial encounter
S77.02xD	Crushing injury of left hip, subsequent encounter
S77.02xS	Crushing injury of left hip, sequela
S77.10xA	Crushing injury of unspecified thigh, initial encounter
S77.10xD	Crushing injury of unspecified thigh, subsequent encounter
S77.10xS	Crushing injury of unspecified thigh, sequela
S77.11xA	Crushing injury of right thigh, initial encounter
S77.11xD	Crushing injury of right thigh, subsequent encounter
S77.11xS	Crushing injury of right thigh, sequela
S77.12xA	Crushing injury of left thigh, initial encounter
S77.12xD	Crushing injury of left thigh, subsequent encounter
S77.12xS	Crushing injury of left thigh, sequela
S77.20xA	Crushing injury of unspecified hip with thigh, initial encounter
S77.20xA	Crushing injury of unspecified hip with thigh, initial encounter

S77.20xA	Crushing injury of unspecified hip with thigh, initial encounter
S77.20xA	Crushing injury of unspecified hip with thigh, initial encounter
S77.20xD	Crushing injury of unspecified hip with thigh, subsequent encounter
S77.20xS	Crushing injury of unspecified hip with thigh, sequela
S77.21xA	Crushing injury of right hip with thigh, initial encounter
S77.21xD	Crushing injury of right hip with thigh, subsequent encounter
S77.21xS	Crushing injury of right hip with thigh, sequela
S77.22xA	Crushing injury of left hip with thigh, initial encounter
S77.22xD	Crushing injury of left hip with thigh, subsequent encounter
S77.22xS	Crushing injury of left hip with thigh, sequela
S87.00xA	Crushing injury of unspecified knee, initial encounter
S87.00xD	Crushing injury of unspecified knee, subsequent encounter
S87.00xS	Crushing injury of unspecified knee, sequela
S87.01xA	Crushing injury of right knee, initial encounter
S87.01xD	Crushing injury of right knee, subsequent encounter
S87.01xS	Crushing injury of right knee, sequela
S87.02xA	Crushing injury of left knee, initial encounter
S87.02xD	Crushing injury of left knee, subsequent encounter
S87.02xS	Crushing injury of left knee, sequela
S87.80xA	Crushing injury of unspecified lower leg, initial encounter
S87.80xD	Crushing injury of unspecified lower leg, subsequent encounter
S87.80xS	Crushing injury of unspecified lower leg, sequela
S87.81xA	Crushing injury of right lower leg, initial encounter
S87.81xD	Crushing injury of right lower leg, subsequent encounter
S87.81xS	Crushing injury of right lower leg, sequela
S87.82xA	Crushing injury of left lower leg, initial encounter
S87.82xD	Crushing injury of left lower leg, subsequent encounter
S87.82xS	Crushing injury of left lower leg, sequela
S97.00xA	Crushing injury of unspecified ankle, initial encounter
S97.00xD	Crushing injury of unspecified ankle, subsequent encounter
S97.00xS	Crushing injury of unspecified ankle, sequela
S97.01xA	Crushing injury of right ankle, initial encounter
S97.01xD	Crushing injury of right ankle, subsequent encounter
S97.01xS	Crushing injury of right ankle, sequela
S97.02xA	Crushing injury of left ankle, initial encounter
S97.02xD	Crushing injury of left ankle, subsequent encounter
S97.02xS	Crushing injury of left ankle, sequela
S97.80xA	Crushing injury of unspecified foot, initial encounter
S97.80xD	Crushing injury of unspecified foot, subsequent encounter
S97.80xS	Crushing injury of unspecified foot, sequela
S97.81xA	Crushing injury of right foot, initial encounter
S97.81xD	Crushing injury of right foot, subsequent encounter
S97.81xS	Crushing injury of right foot, sequela
S97.82xA	Crushing injury of left foot, initial encounter
S97.82xD	Crushing injury of left foot, subsequent encounter
S97.82xS	Crushing injury of left foot, sequela
	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental
T58.01xA	(unintentional), initial encounter
	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental
T58.01xD	(unintentional), subsequent encounter

TE0.04vC	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental
T58.01xS	(unintentional), sequela
T58.02xA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter
100102701	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm,
T58.02xD	subsequent encounter
	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm,
T58.02xS	sequela
	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, initial
T58.03xA	encounter
	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, subsequent
T58.03xD	encounter
T58.03xS	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, sequela
	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, initial
T58.04xA	encounter
	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined,
T58.04xD	subsequent encounter
T58.04xS	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, sequela
	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), initial
T58.11xA	encounter The first term of th
TE0 444D	Toxic effect of carbon monoxide from utility gas, accidental (unintentional),
T58.11xD	subsequent encounter
T58.11xS	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), sequela
TEO 10v A	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial
T58.12xA	encounter  Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent
T58.12xD	encounter
T58.12xS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela
T58.13xA	Toxic effect of carbon monoxide from utility gas, assault, initial encounter
T58.13xD	Toxic effect of carbon monoxide from utility gas, assault, subsequent encounter
T58.13xS	Toxic effect of carbon monoxide from utility gas, assault, sequela
T58.14xA	Toxic effect of carbon monoxide from utility gas, undetermined, initial encounter
100.147/1	Toxic effect of carbon monoxide from utility gas, undetermined, subsequent
T58.14xD	encounter
T58.14xS	Toxic effect of carbon monoxide from utility gas, undetermined, sequela
100.11%	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x1A	accidental (unintentional), initial encounter
	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x1D	accidental (unintentional), subsequent encounter
	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x1S	accidental (unintentional), sequela
	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x2A	intentional self-harm, initial encounter
	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x2D	intentional self-harm, subsequent encounter
T50 0 00	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x2S	intentional self-harm, sequela
TE0 2x2 A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x3A	assault, initial encounter  Toyic effect of carbon manayide from incomplete combustion of other demostic fuels
T58.2x3D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, subsequent encounter
100.2800	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x3S	assault, sequela
.00.2700	account, coquota

TEQ 2×4A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x4A	undetermined, initial encounter  Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x4D	undetermined, subsequent encounter
	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels,
T58.2x4S	undetermined, sequela
	Toxic effect of carbon monoxide from other source, accidental (unintentional), initial
T58.8x1A	encounter
	Toxic effect of carbon monoxide from other source, accidental (unintentional),
T58.8x1D	subsequent encounter
	Toxic effect of carbon monoxide from other source, accidental (unintentional),
T58.8x1S	sequela
T50.0.04	Toxic effect of carbon monoxide from other source, intentional self-harm, initial
T58.8x2A	encounter
TEO OVOD	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent
T58.8x2D T58.8x2S	encounter  Toxic effect of carbon monoxide from other source, intentional self-harm, sequela
T58.8x3	Toxic effect of carbon monoxide from other source, assault
T58.8x3A	Toxic effect of carbon monoxide from other source, assault, initial encounter
T58.8x3D	Toxic effect of carbon monoxide from other source, assault, subsequent encounter
T58.8x3S	Toxic effect of carbon monoxide from other source, assault, sequela
T58.8x4A	Toxic effect of carbon monoxide from other source, undetermined, initial encounter
T58.8x4D	Toxic effect of carbon monoxide from other source, undetermined, subsequent
T58.8x4S	encounter  Toxic effect of carbon monoxide from other source, undetermined, sequela
130.0843	Toxic effect of carbon monoxide from unspecified source, accidental (unintentional),
T58.91xA	initial encounter
150.5187	Toxic effect of carbon monoxide from unspecified source, accidental (unintentional),
T58.91xD	subsequent encounter
	Toxic effect of carbon monoxide from unspecified source, accidental (unintentional),
T58.91xS	sequela
	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial
T58.92xA	encounter
	Toxic effect of carbon monoxide from unspecified source, intentional self-harm,
T58.92xD	subsequent encounter
	Toxic effect of carbon monoxide from unspecified source, intentional self-harm,
T58.92xS	sequela
T58.93xA	Toxic effect of carbon monoxide from unspecified source, assault, initial encounter
TE0 00VD	Toxic effect of carbon monoxide from unspecified source, assault, subsequent
T58.93xD	encounter  Tayin effect of park or managide from unangeified source, account account
T58.93xS	Toxic effect of carbon monoxide from unspecified source, assault, sequela  Toxic effect of carbon monoxide from unspecified source, undetermined, initial
T58.94xA	encounter
100.0487	Toxic effect of carbon monoxide from unspecified source, undetermined, subsequent
T58.94xD	encounter
T58.94xS	Toxic effect of carbon monoxide from unspecified source, undetermined, sequela
T65.0x1A	Toxic effect of cyanides, accidental (unintentional), initial encounter
T65.0x1D	Toxic effect of cyanides, accidental (unintentional), subsequent encounter
T65.0x1S	Toxic effect of cyanides, accidental (unintentional), sequela
T65.0x2A	Toxic effect of cyanides, intentional self-harm, initial encounter
T65.0x2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter
T65.0x2S	Toxic effect of cyanides, intentional self-harm, sequela
T65.0x3A	Toxic effect of cyanides, assault, initial encounter
100.000	1 TO ALO GITO OF CYCLING CO. GOOGUIL, ITHIAI ETICOUTIE

T65.0x3D         Toxic effect of cyanides, assault, subsequent encounter           T65.0x3S         Toxic effect of cyanides, undetermined, initial encounter           T65.0x4D         Toxic effect of cyanides, undetermined, subsequent encounter           T65.0x4S         Toxic effect of cyanides, undetermined, sequela           T66.0x4S         Toxic effect of cyanides, undetermined, sequela           T66.0x4X         Radiation sickness, unspecified, initial encounter           T70.20XA         Unspecified effects of high altitude, initial encounter           T70.20XD         Unspecified effects of high altitude, sequela           T70.20XD         Unspecified effects of high altitude, sequela           T70.29XD         Other effects of high altitude, sequela           T70.29XD         Other effects of high altitude, sequela           T70.29XA         Other effects of high altitude, subsequent encounter           T70.29XA         Other effects of high altitude, sequela           T70.29XS         Other effects of high altitude, sequela           T70.3xXA         Caisson disease (decompression sickness), initial encounter           T70.3xXA         Caisson disease (decompression sickness), sequela           T79.0xXA         Air embolism (traumatic), subsequent encounter           T79.0xXA         Air embolism (traumatic), subsequent encounter           T79.0xXB		
T65.0x4A Toxic effect of cyanides, undetermined, initial encounter T65.0x4D Toxic effect of cyanides, undetermined, subsequent encounter T65.0x4S Toxic effect of cyanides, undetermined, sequela T66.xxxA Radiation sickness, unspecified, initial encounter T70.20xA Unspecified effects of high altitude, initial encounter T70.20xD Unspecified effects of high altitude, subsequent encounter T70.20xD Unspecified effects of high altitude, subsequent encounter T70.29xA Other effects of high altitude, subsequent encounter T70.29xD Other effects of high altitude, subsequent encounter T70.29xD Other effects of high altitude, subsequent encounter T70.29xD Other effects of high altitude, sequela T70.3xxA Caisson disease [decompression sickness], initial encounter T70.3xxD Caisson disease [decompression sickness], subsequent encounter T70.3xxC Caisson disease [decompression sickness], sequela T70.3xxA Caisson disease [decompression sickness], sequela T79.0xxA Air embolism (traumatic), initial encounter T79.0xxA Air embolism (traumatic), subsequent encounter T79.0xxA Air embolism (traumatic), subsequent encounter T79.9xxA Other early complications of trauma, initial encounter T79.8xxD Other early complications of trauma, subsequent encounter T79.9xxA Unspecified early complication of trauma, subsequent encounter T79.9xxA Unspecified early complication of trauma, subsequent encounter T79.9xxB Unspecified early complication of trauma, supplication T86.821 Skin graft (allograft) (autograft) failure T86.822 Skin graft (allograft) (autograft) failure T86.823 Skin graft (allograft) (autograft) failure T86.829 Unspecified complications of skin graft (allograft) (autograft) T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.	T65.0x3D	Toxic effect of cyanides, assault, subsequent encounter
T65.0x4D Toxic effect of cyanides, undetermined, subsequent encounter T66.0x4S Toxic effect of cyanides, undetermined, sequela T66.0x4S Radiaton sickness, unspecified, initial encounter T70.20xA Unspecified effects of high altitude, initial encounter Unspecified effects of high altitude, subsequent encounter T70.20xD Unspecified effects of high altitude, subsequent encounter T70.20xS Unspecified effects of high altitude, initial encounter T70.29xA Other effects of high altitude, initial encounter T70.29xD Other effects of high altitude, subsequent encounter T70.29xD Other effects of high altitude, subsequent encounter T70.3xA Caisson disease [decompression sickness], initial encounter T70.3xxD Caisson disease [decompression sickness], subsequent encounter T70.3xxD Caisson disease [decompression sickness], sequela T79.0xxA Air embolism (traumatic), initial encounter T79.0xxD Air embolism (traumatic), subsequent encounter T79.0xxA Air embolism (traumatic), subsequent encounter T79.0xxA Air embolism (traumatic), subsequent encounter T79.8xxA Other early complications of trauma, initial encounter T79.8xxD Other early complications of trauma, subsequent encounter T79.8xxD Unspecified early complication of trauma, initial encounter Unspecified early complication of trauma, initial encounter Unspecified early complication of trauma, subsequent encounter T79.9xxD Unspecified early complication of trauma, subsequent encounter Unspecified early complication of trauma, sequela Skin graft (allograft) (autograft) failure Skin graft (allograft) (autograft) (autograft) T86.822 Skin graft (allograft) (autograft) failure Skin graft (allograft) (autograft) T87.0x1 Complications of reattached (part of) right upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.1x1 Complications of reattached (part of) unspecified lower extremity T87.1x9 Complic	T65.0x3S	Toxic effect of cyanides, assault, sequela
T65.0x4S Toxic effect of cyanides, undetermined, sequela T66.xxxA Radiation sickness, unspecified, initial encounter T70.20xA Unspecified effects of high altitude, initial encounter T70.20xB Unspecified effects of high altitude, subsequent encounter T70.20xS Unspecified effects of high altitude, sequela T70.29xA Other effects of high altitude, subsequent encounter T70.29xD Other effects of high altitude, subsequent encounter T70.29xD Other effects of high altitude, subsequent encounter T70.29xS Other effects of high altitude, sequela T70.3xxA Caisson disease [decompression sickness], initial encounter T70.3xxD Caisson disease [decompression sickness], subsequent encounter T70.3xxC Caisson disease [decompression sickness], sequela T79.0xxA Air embolism (traumatic), initial encounter T79.0xxA Air embolism (traumatic), sequela T79.0xxD Air embolism (traumatic), sequela T79.0xxD Air embolism (traumatic), sequela T79.9xxA Other early complications of trauma, initial encounter T79.8xxA Other early complications of trauma, subsequent encounter T79.9xxD Unspecified early complication of trauma, initial encounter T79.9xxA Unspecified early complication of trauma, sequela T79.9xxA Unspecified early complication of trauma, sequela T79.9xxA Unspecified early complication of trauma, sequela Skin graft (allograft) (autograft) failure T86.820 Skin graft (allograft) (autograft) failure T86.821 Skin graft (allograft) (autograft) failure T86.822 Skin graft (allograft) (autograft) failure T87.0x1 Complications of reattached (part of) right upper extremity T87.0x2 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.1x1 Complications of reattached (part of) unspecified lower extremity T87.1x9 Complications of reattached (part of) unspecified lower extremity T87.1x9 Complications of reattached (pa	T65.0x4A	Toxic effect of cyanides, undetermined, initial encounter
Te6.xxxA	T65.0x4D	Toxic effect of cyanides, undetermined, subsequent encounter
T70.20xA         Unspecified effects of high altitude, initial encounter           T70.20xB         Unspecified effects of high altitude, subsequent encounter           T70.29xA         Other effects of high altitude, sequela           T70.29xD         Other effects of high altitude, initial encounter           T70.29xB         Other effects of high altitude, subsequent encounter           T70.29xS         Other effects of high altitude, subsequent encounter           T70.3xxA         Caisson disease [decompression sickness], initial encounter           T70.3xxD         Caisson disease [decompression sickness], subsequent encounter           T70.3xxS         Caisson disease [decompression sickness], subsequent encounter           T79.0xxA         Air embolism (traumatic), initial encounter           T79.0xxA         Air embolism (traumatic), subsequent encounter           T79.0xxS         Air embolism (traumatic), sequela           T79.0xxS         Air embolism (traumatic), sequela           T79.8xxA         Other early complications of trauma, initial encounter           T79.9xxAD         Other early complications of trauma, sequela           T79.9xxAD         Unspecified early complication of trauma, initial encounter           T79.9xxAD         Unspecified early complication of trauma, sequela           T86.820         Skin graft (allograft) (autograft) failure	T65.0x4S	Toxic effect of cyanides, undetermined, sequela
T70.20xD         Unspecified effects of high altitude, subsequent encounter           T70.20xA         Other effects of high altitude, initial encounter           T70.29xD         Other effects of high altitude, subsequent encounter           T70.29xS         Other effects of high altitude, subsequent encounter           T70.3xxA         Caisson disease [decompression sickness], initial encounter           T70.3xxD         Caisson disease [decompression sickness], subsequent encounter           T70.3xxD         Caisson disease [decompression sickness], subsequent encounter           T70.3xxD         Caisson disease [decompression sickness], subsequent encounter           T79.0xxA         Air embolism (traumatic), subsequent encounter           T79.0xxD         Air embolism (traumatic), subsequent encounter           T79.0xxD         Air embolism (traumatic), subsequent encounter           T79.8xxA         Other early complications of trauma, subsequent encounter           T79.8xxD         Other early complications of trauma, subsequent encounter           T79.9xxD         Unspecified early complication of trauma, subsequent encounter           T79.9xxD         Unspecified early complication of trauma, sequela           T86.820         Skin graft (allograft) (autograft) fraiture           T86.821         Skin graft (allograft) (autograft) fraiture           T86.822         Skin graft (allograft) (	T66.xxxA	Radiation sickness, unspecified, initial encounter
T70.20xS         Unspecified effects of high altitude, initial encounter           T70.29xA         Other effects of high altitude, initial encounter           T70.29xS         Other effects of high altitude, subsequent encounter           T70.29xS         Other effects of high altitude, sequela           T70.3xxA         Caisson disease [decompression sickness], initial encounter           T70.3xxD         Caisson disease [decompression sickness], sequela           T79.0xxA         Air embolism (traumatic), initial encounter           T79.0xxD         Air embolism (traumatic), sequela           T79.0xxD         Air embolism (traumatic), sequela           T79.0xxD         Air embolism (traumatic), sequela           T79.8xxA         Other early complications of trauma, initial encounter           T79.8xxD         Other early complications of trauma, subsequent encounter           T79.8xxS         Other early complication of trauma, sequela           T79.9xxA         Unspecified early complication of trauma, subsequent encounter           T79.9xxS         Unspecified early complication of trauma, subsequent encounter           T79.9xxS         Unspecified early complication of trauma, subsequent encounter           T79.9xxS         Unspecified early complication of trauma, subsequent encounter           T80.8x2         Skin graft (allograft) (autograft) (autograft)           <	T70.20xA	Unspecified effects of high altitude, initial encounter
T70.29xA Other effects of high altitude, initial encounter T70.29xS Other effects of high altitude, subsequent encounter T70.29xS Other effects of high altitude, sequela T70.3xxA Caisson disease [decompression sickness], initial encounter T70.3xxD Caisson disease [decompression sickness], subsequent encounter T70.3xxS Caisson disease [decompression sickness], subsequent encounter T70.3xxS Caisson disease [decompression sickness], sequela T79.0xxA Air embolism (traumatic), initial encounter T79.0xxD Air embolism (traumatic), subsequent encounter T79.0xxS Air embolism (traumatic), subsequent encounter T79.8xxA Other early complications of trauma, initial encounter T79.8xxX Other early complications of trauma, subsequent encounter T79.9xxS Other early complication of trauma, subsequent encounter T79.9xxA Unspecified early complication of trauma, initial encounter T79.9xxD Unspecified early complication of trauma, subsequent encounter T79.9xxD Unspecified early complication of trauma, subsequent encounter T79.9xxS Unspecified early complication of trauma, sequela T86.820 Skin graft (allograft) (autograft) failure T86.821 Skin graft (allograft) (autograft) failure T86.822 Skin graft (allograft) (autograft) infection T86.823 Other complications of skin graft (allograft) (autograft) T87.0x1 Complications of reattached (part of) right upper extremity T87.0x2 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.0x9 Complications of reattached (part of) unspecified upper extremity T87.1x1 Complications of reattached (part of) unspecified upper extremity T87.1x2 Complications of reattached (part of) unspecified lower extremity T87.1x9 Complications of reattached (part of) unspecified lower extremity T87.1x9 Complications of reattached (part of) unspecified lower extremity	T70.20xD	Unspecified effects of high altitude, subsequent encounter
T70.29xD         Other effects of high altitude, subsequent encounter           T70.29xS         Other effects of high altitude, sequela           T70.3xxA         Caisson disease [decompression sickness], initial encounter           T70.3xxD         Caisson disease [decompression sickness], subsequent encounter           T70.3xxS         Caisson disease [decompression sickness], sequela           T79.0xxA         Air embolism (traumatic), initial encounter           T79.0xxD         Air embolism (traumatic), subsequent encounter           T79.0xxS         Air embolism (traumatic), sequela           T79.0xxA         Other early complications of trauma, initial encounter           T79.8xxD         Other early complications of trauma, subsequent encounter           T79.8xxS         Other early complication of trauma, subsequent encounter           T79.9xxA         Unspecified early complication of trauma, subsequent encounter           T79.9xxD         Unspecified early complication of trauma, sequela           T86.820         Skin graft (allograft) (autograft) failure           T86.821         Skin graft (allograft) (autograft) fail	T70.20xS	Unspecified effects of high altitude, sequela
T70.29xS         Other effects of high altitude, sequela           T70.3xxA         Caisson disease [decompression sickness], initial encounter           T70.3xxB         Caisson disease [decompression sickness], subsequent encounter           T70.3xxB         Caisson disease [decompression sickness], sequela           T79.0xxA         Air embolism (traumatic), initial encounter           T79.0xxD         Air embolism (traumatic), subsequent encounter           T79.0xxA         Other early complications of trauma, initial encounter           T79.8xxD         Other early complications of trauma, sequela           T79.9xxA         Unspecified early complication of trauma, sequela           T79.9xxA         Unspecified early complication of trauma, sequela           T86.820         Skin graft (allograft) rejection           T86.821         Skin graft (allograft) (autograft) failure           T86.822         Skin graft (allograft) (autograft) infection           T86.828         Other complications of skin graft (allograft) (autograft)           T87.0x1         Complications of reattached (part of) right upper extremity           T87.0x2         Com	T70.29xA	Other effects of high altitude, initial encounter
T70.3xxA         Caisson disease [decompression sickness], initial encounter           T70.3xxD         Caisson disease [decompression sickness], subsequent encounter           T70.3xxA         Air embolism (traumatic), initial encounter           T79.0xxA         Air embolism (traumatic), subsequent encounter           T79.0xxS         Air embolism (traumatic), sequela           T79.8xxA         Other early complications of trauma, initial encounter           T79.8xxA         Other early complications of trauma, subsequent encounter           T79.8xxD         Other early complications of trauma, sequela           T79.9xxA         Unspecified early complication of trauma, initial encounter           T79.9xxA         Unspecified early complication of trauma, sequela           T79.9xxB         Unspecified early complication of trauma, subsequent encounter           T79.9xxB         Unspecified early complication of trauma, sequela           T86.820         Skin graft (allograft) rejection           T86.821         Skin graft (allograft) (autograft) failure           T86.822         Skin graft (allograft) (autograft) infection           T86.828         Other complications of skin graft (allograft) (autograft)           T87.0x1         Complications of reattached (part of) right upper extremity           T87.0x2         Complications of reattached (part of) unspecified upper extremity	T70.29xD	Other effects of high altitude, subsequent encounter
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	T87.2	Complications of other reattached body part

**Description Hyperbaric Oxygen Therapy**Hyperbaric oxygen therapy (HBOT) is a technique for delivering higher pressures of oxygen to tissue. Two methods of administration are available: topical and systemic.

# **Topical Hyperbaric Oxygen Therapy**

Topical hyperbaric therapy is a technique of delivering 100% oxygen directly to an open, moist wound at a pressure slightly higher than atmospheric pressure. It is hypothesized that the high concentrations of oxygen diffuse directly into the wound to increase the local cellular oxygen tension, which in turn promotes wound healing. Devices consist of an appliance to enclose the wound area (frequently an extremity) and a source of oxygen; conventional oxygen tanks may be used. The appliances may be disposable and may be used without supervision in the home by well-trained patients. Topical hyperbaric therapy has been investigated as a treatment of skin ulcerations resulting from diabetes, venous stasis, postsurgical infection, gangrenous lesion, decubitus ulcers, amputations, skin graft, burns, or frostbite.

# **Systemic Hyperbaric Oxygen Therapy**

In systemic or large hyperbaric oxygen chambers, the patient is entirely enclosed in a pressure chamber and breathes oxygen at a pressure greater than 1 atmosphere (the pressure of oxygen at sea level). Thus, this technique relies on systemic circulation to deliver highly oxygenated blood to the target site, typically a wound. Systemic HBOT can be used to treat systemic illness, such as air or gas embolism, carbon monoxide poisoning, or clostridial gas gangrene. Treatment may be carried out either in a monoplace chamber pressurized with pure oxygen or in a larger, multiplace chamber pressurized with compressed air, in which case the patient receives pure oxygen by mask, head tent, or endotracheal tube.

### **Adverse Events**

HBOT is a generally safe therapy, with an estimated adverse side effect rate of 0.4%. Adverse events may occur either from pressure effects or the oxygen. The pressure effect (barotrauma) may affect any closed air-filled cavity such as ears, sinus, teeth, and lungs. Pain and/or swelling may occur at these sites as pressure increases during the procedure and decreases as the procedure is ending. Oxygen toxicity may affect the pulmonary, neurologic, or ophthalmologic systems. Pulmonary symptoms include a mild cough, substernal burning, and dyspnea. Neurologic effects include tunnel vision, tinnitus, nausea, and dizziness. Ophthalmologic effects include retinopathy in neonates, cataract formation, and transient myopic vision changes.

Note that this evidence review does not address topical oxygen therapy in the absence of pressurization.

### Summary

# Description

Hyperbaric oxygen therapy (HBOT) involves breathing 100% oxygen at pressures between 1.5 and 3.0 atmospheres. It is generally applied systemically with the patient inside a hyperbaric chamber. HBOT can also be applied topically, ie, the body part to be treated is isolated (eg, in an inflatable bag and exposed to pure oxygen). HBOT has been investigated for various conditions that have potential to respond to increased oxygen delivery to tissue.

### **Summary of Evidence**

For individuals with wounds, burns or infections who receive topical hyperbaric oxygen therapy (HBOT), the evidence includes a systematic review, case series, and a randomized controlled trial (RCT). Relevant outcomes are overall survival (OS), symptoms, change in disease status, and functional outcomes. The systematic review identified 3 RCTs including patients with sacral pressure ulcers, ischial pressure ulcers, and refractory venous ulcers. All trials reported that healing improved significantly after HBOT than after standard of care. Pooling of results was not possible due to heterogeneity in patient populations and treatment regimens. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with chronic diabetic ulcers who receive systemic HBOT, the evidence includes RCTs and systematic reviews. Relevant outcomes are symptoms and change in disease status. Meta-analyses of RCTs found significantly higher diabetic ulcer healing rates with HBOT than with control conditions. Two of the 3 meta-analyses found that HBOT was associated with a significantly lower rate of major amputation. The evidence is sufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with carbon monoxide poisoning who receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are OS and symptoms. A meta-analysis in a Cochrane review of low-quality RCT data did not find HBOT to be associated with a significantly lower risk of neurologic deficits after carbon monoxide poisoning. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with radionecrosis, osteoradionecrosis**, or treatment of irradiated jaw who receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are symptoms and change in disease status. A meta-analysis in a Cochrane review of RCTs found evidence that HBOT improved radionecrosis and osteoradionecrosis outcomes and resulted in better outcomes before tooth extraction in an irradiated jaw. The evidence is sufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with chronic refractory osteomyelitis who receive systemic HBOT, the evidence includes case series. Relevant outcomes are symptoms and change in disease status. The case series reported high rates of successful outcomes (no drainage, pain, tenderness, or cellulitis) in patients with chronic refractory osteomyelitis treated with HBOT. However, controlled studies are needed to determine conclusively the impact of HBOT on health outcomes compared with other interventions. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with acute thermal burns who receive systemic HBOT, the evidence includes a systematic review of 2 RCTs. Relevant outcomes are OS, symptoms, and change in disease status. Both RCTs were judged to have poor methodologic quality. Evidence from well-conducted controlled trials is needed. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with acute surgical and traumatic wounds who receive systemic HBOT, the evidence includes RCTs, controlled nonrandomized studies, and systematic reviews. Relevant outcomes are OS, symptoms, change in disease status, and functional outcomes. There was considerable heterogeneity across the 4 RCTs identified (eg, patient population, comparison group, treatment regimen, outcomes). This heterogeneity prevented pooling of trial findings and limits the ability to definitively conclude the impact of HBOT on health outcomes for patients with acute surgical and traumatic wounds. Additional evidence from high-quality RCTs is needed. A systematic review of controlled Chinese studies suggests HBOT may increase the survival rate of compromised skin grafts and flaps when initiated within 72 hours; however, risk of bias in the original Chinese publications cannot be evaluated. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with bisphosphonate-related osteonecrosis of the jaw who receive systemic HBOT, the evidence includes an RCT. Relevant outcomes are symptoms and change in disease status. The RCT was unblinded and reported initial benefits at 3-month follow-up; however, there were no significant benefits of HBOT for most health outcomes compared with standard care in the long-term (6 months to 2 years). The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with necrotizing soft tissue infections who receive systemic HBOT, the evidence includes systematic reviews. Relevant outcomes are OS, symptoms, and change in disease status. A Cochrane review did not identify any RCTs. Another systematic review of retrospective cohort studies with methodological limitations did not find consistent benefit of adjunctive HBOT use. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with acute coronary syndrome** who receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are OS, symptoms, change in disease status, and functional outcomes. A Cochrane review identified 6 RCTs. There were 2 pooled analyses, 1 found significantly lower rates of death with HBOT and the other reported inconsistent results in left ventricular function. Additional RCT data are needed. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with acute ischemic stroke who** receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are OS, symptoms, change in disease status, and functional outcomes. Cochrane reviewers could only pool data for a single outcome (mortality at 3 to 6 months), and for that outcome, there was no significant difference between active and sham HBOT treatments. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with motor dysfunction associated with stroke who receive systemic HBOT, the evidence includes an RCT. Relevant outcomes are symptoms and functional outcomes. The RCT, which used a crossover design, found better outcomes with HBOT at 2 months than with delayed treatment. However, the trial had a number of methodologic limitations (eg, lack of patient blinding, heterogeneous population, high dropout rate) that make it difficult to evaluate the efficacy of HBOT. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with Bell palsy** who receive systemic HBOT, the evidence includes a systematic review. Relevant outcomes are symptoms, change in disease status, and functional outcomes. A Cochrane review did not identify any RCTs meeting selection criteria; the single RCT found did not have a blinded outcome assessment. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with traumatic brain injury** who receive systemic HBOT, the evidence includes RCTs and systematic reviews. Relevant outcomes are OS, symptoms, change in disease status, and functional outcomes. RCTs were heterogeneous regarding intervention protocols, patient populations, and outcomes reported. Systematic reviews conducted pooled analyses only on a minority of the published RCTs, and these findings were inconsistent. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with inflammatory bowel disease who receive systemic HBOT, the evidence includes RCTs, observational studies, and a systematic review. Relevant outcomes are symptoms, change in disease status and functional outcomes. Three RCTs have reported mixed findings in patients with ulcerative colitis, with one study terminated early due to futility. A systematic review including the RCT and observational studies found a high rate of bias in the literature due to attrition and reporting bias. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with idiopathic sudden sensorineural hearing loss who receive systemic HBOT, the evidence includes systematic reviews. Relevant outcomes are symptoms, change in disease status, and functional outcomes. A Cochrane review of RCTs had mixed findings from studies that included individuals with tinnitus. Some outcomes (ie, improvement in hearing of all frequencies, >25% return of hearing) were better with HBOT than with a control intervention, but more than 50% return of hearing did not differ significantly between groups. There was important variability in the patients enrolled in the studies. A subsequent systematic review had similarly limited conclusions due to the inclusion of non-randomized studies. A third review found a higher proportion of patients with hearing recovery with HBOT compared to medical treatment alone, but the analysis was limited to 2 RCTs with methodological limitations. One RCT published subsequent to the systematic reviews found a positive effect of HBOT plus steroid combination therapy on measures of auditory function compared to either HBOT or steroids alone, but other outcomes were not reported and the study had numerous relevance, design, and conduct limitations. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with delayed-onset muscle soreness** who receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are symptoms and functional outcomes. A Cochrane review of RCTs found worse short-term pain outcomes with HBOT than with control and no difference in longer-term pain or other outcomes (eg, swelling). The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with autism spectrum disorder who receive systemic HBOT, the evidence includes an RCT and a systematic review. Relevant outcomes are symptoms and functional outcomes. A Cochrane review identified a single RCT on HBOT for autism spectrum disorder and this trial did not find significantly better parental-assessed or clinician-assessed outcomes with HBOT compared with sham. A subsequent controlled trial reached the same conclusion. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with cerebral palsy** who receive systemic HBOT, the evidence includes 2 RCTs and an observational study. Relevant outcomes are symptoms and functional outcomes. One RCT was stopped early due to futility, and the other did not find significantly better outcomes with HBOT than with a sham intervention. The observational study focused on sleep disorders in children with cerebral palsy and reported improvements with the HBOT treatment. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with vascular dementia who receive systemic HBOT, the evidence includes an RCT and a systematic review. Relevant outcomes are symptoms and functional outcomes. The Cochrane review identified only a single RCT with methodologic limitations. Well-conducted controlled trials are needed. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with radiotherapy adverse events who receive systemic HBOT, the evidence includes RCTs, nonrandomized comparator trials, case series, and systematic reviews. Relevant outcomes are symptoms and functional outcomes. Two systematic reviews included few RCTs and provide limited evidence on the effect of HBOT. Two RCTs had inconsistent findings. One reported no short-term benefit with HBOT, but some benefits 12 months after radiotherapy; the other did not find a significant benefit of HBOT at 12-month follow-up. Another RCT assessed HBOT for radiation-induced cystitis and found significant benefit by some measures but not others. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with idiopathic femoral neck necrosis who receive systemic HBOT, the evidence includes an RCT. Relevant outcomes are symptoms, change in disease status, and functional outcomes. The RCT, which had a small sample, only reported short-term (ie, 6-week) outcomes. Larger well-conducted RCTs reporting longer-term outcomes are needed. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**For individuals with a migraine** who receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are symptoms, change in disease status, and functional outcomes. The Cochrane review conducted a pooled analysis including 3 of the 11 trials. Meta-analysis of these 3 RCTs found significantly greater relief of migraine symptoms with HBOT than with a comparator intervention within 45 minutes of treatment. Longer-term data are needed. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with herpes zoster who receive systemic HBOT, the evidence includes an RCT. Relevant outcomes are symptoms and change in disease status. The RCT was unblinded and only reported short-term (ie, 6-week) outcomes. Additional well-conducted RCTs with longer follow-up are needed. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with fibromyalgia who receive systemic HBOT, the evidence includes RCTs. Relevant outcomes are symptoms, change in disease status, and functional outcomes. Only 2 RCTs were identified, and both reported positive effects of HBOT on tender points and pain. However, the trials had relatively small samples and methodologic limitations (eg, quasi-randomization, no or uncertain sham control for a condition with subjective outcomes susceptible to a placebo effect). Moreover, the HBOT protocols varied. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with multiple sclerosis who receive systemic HBOT, the evidence includes RCTs and a systematic review. Relevant outcomes are symptoms and functional outcomes. A Cochrane review of RCTs did not find a significant difference in Expanded Disability Status Scale scores when patients with multiple sclerosis were treated with HBOT versus a comparator intervention. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals with cancer and are undergoing chemotherapy who receive systemic HBOT, the evidence includes an RCT and a systematic review. Relevant outcomes are OS and change in disease status. While the systematic review reported improvements in tumor control in patients with head and neck cancer who received HBOT, the adverse events accompanying the treatment (eg, radiation tissue injury, seizures) were significant. The single RCT did not find a significant difference in survival for cancer patients who received HBOT before chemotherapy compared with usual care. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

# **Policy History**

Date	Action
2/2025	Annual policy review. Policy updated with literature review through June 7, 2024.  References added. Clinical input added. Based on results of structured request for
	clinical input, treatment of necrotizing soft tissue infections, idiopathic sudden
	sensorineural hearing loss, and central retinal artery occlusion added to medically
	necessary statement. Coding clarified. Effective 2/1/2025.
11/2023	Annual policy review. Policy revised to include coverage for the treatment of
	compromised skin grafts and flaps to medically necessary statement. Clarified coding
0/0000	information. Effective 11/1/2023.
6/2022	Clarified prior authorization information. Prior Authorization is not required effective 6/1/2022. Clarified coding information.
4/2021	Literature review through 4/2021 on idiopathic sudden sensorineural hearing loss.
	References added. Policy statement unchanged.
3/2020	Annual policy review. Description, summary and references updated. Policy statements unchanged.
1/2020	Coding information clarified.
6/2019	Coding information clarified.
4/2019	Coding information clarified.
3/2019	Annual policy review. Description, summary and references updated. Policy statements
	unchanged.
2/2018	Annual policy review. New references added.
2/2017	Annual policy review. New references added.
5/2016	Prior authorization table clarified.
1/2016	Annual policy review. New investigational indications described. Effective 1/1/2016.
1/2015	Clarified coding information.
10/2014	Annual policy review. Investigational statements clarified. Title changed from "Hyperbaric Oxygen Pressurization (HBO)" to "Hyperbaric Oxygen Therapy." Effective 10/1/2014.
6/2014	Updated Coding section with ICD10 procedure and diagnosis codes, effective 10/2015. Coding information clarified.
2/2014	Annual policy review. New investigational indications described. Effective 2/1/2014. Coding information clarified.
3/2013	Annual policy review. Change to policy statement. Effective 3/1/2013.
11/2011-	Medical policy ICD 10 remediation: Formatting, editing and coding updates. No
4/2012	changes to policy statements.
4/2011	Reviewed - Medical Policy Group - Cardiology and Pulmonology. No changes to policy
	statements.

12/2010	Reviewed - Medical Policy Group - Plastic Surgery and Dermatology. No changes to policy statements.
12/2009	Reviewed - Medical Policy Group - Plastic Surgery and Dermatology. No changes to policy statements.
4/2009	Annual policy review. No changes to policy statements.
12/2008	Reviewed - Medical Policy Group - Plastic Surgery and Dermatology. No changes to policy statements.
5/2008	Annual policy review. Changes to policy statements.

# Information Pertaining to All Blue Cross Blue Shield Medical Policies

Click on any of the following terms to access the relevant information:

Medical Policy Terms of Use

Managed Care Guidelines

**Indemnity/PPO Guidelines** 

Clinical Exception Process

Medical Technology Assessment Guidelines

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