

## Coverage Guidance Implementation: Oregon Health Plan Indications for Hyperbaric Oxygen Treatment

The Health Evidence Review Commission approved the following changes to the Prioritized List of Health Services on November 13, 2014 based on the approved coverage guidance, "Indications for Hyperbaric Oxygen Therapy." The changes will take effect for the Oregon Health Plan on January 1, 2015.

Changes to the Prioritized List based on Coverage Guidance on Indications for Hyperbaric Oxygen Treatment.

- 1) For the January 1, 2015 Prioritized List, add/delete diagnoses on line 336 as shown below

*For the January 1, 2015 prioritized list:*

Line: 336

Condition: ANAEROBIC INFECTIONS REQUIRING HYPERBARIC OXYGEN (See Guideline Note 107)  
Treatment: HYPERBARIC OXYGEN  
ICD-9: 040.0, [250.7](#), [250.8](#), ~~526.4~~, 526.89, 639.0, 639.6, 670.02-670.04, 673.00-673.04, ~~686.00-686.09, 709.3~~, 728.0, 730.91-730.99, 785.4, [927-929](#), 958.0, 990, 996.52, 996.70-996.79, 999.  
ICD-10: [E11.5x](#), [E11.621](#), [E11.622](#), [E11.628](#), I70.361-I70.369, I70.461-I70.469, I70.561-I70.569, I70.661-I70.669, I70.761-I70.769, I96, M27.8, ~~M46.20-M46.39~~, M60.000-M60.005, M60.011-M60.09, M72.6, ~~M86.9~~, O08.0, O88.011-O88.03, [S07.xxx](#), [S17.xxx](#), [S38.xxx](#), S47.1xxA-S47.1xxD, S47.2xxA-S47.2xxD, S47.9xxA-S47.9xxD, [S57.xxx](#), [S67.xxx](#), [S77.xxx](#), [S87.xxx](#), [S97.xxx](#), T66.xxxA-T66.xxxD, T79.0xxA-T79.0xxD, [T79.Axx](#), T80.0xxA-T80.0xxD, T82.898A-T82.898D, T82.9xxA-T82.9xxD, T83.89xA-T83.89xD, T83.9xxA-T83.9xxD, T84.89xA-T84.89xD, T84.9xxA-T84.9xxD, T85.89xA-T85.89xD, T85.9xxA-T85.9xxD, T86.820-T86.829  
CPT: 98966-98969, 99051, 99060, 99070, 99078, 99183, 99201-99215, 99281-99285, 99341-99355, 99358-99378, 99381-99404, 99408-99412, 99429-99449, 99487-99496, 99605-99607  
HCPCS: G0396, G0397, G0463

- 2) For the next biennial review List (to be implemented October 1, 2015 or January 1, 2016 depending on the timing of ICD-10 implementation), combine lines 336 and 373, as shown below, with placement of the combined line at line 336.
  - a. Diagnoses included on new line as shown below
  - b. CPT and HCPCS codes included from both lines
  - c. Keep Guideline Note 107 revisions from January 1, 2015 List

Line: 336

Condition: [ANAEROBIC INFECTIONS](#) [CONDITIONS](#) REQUIRING HYPERBARIC OXYGEN [THERAPY](#) (See Guideline Note 107)  
Treatment: HYPERBARIC OXYGEN  
ICD-9: 040.0, [250.7](#), [250.8](#), ~~526.4~~, 526.89, 639.0, 639.6, 670.02-670.04, 673.00, 673.04, ~~686.00, 686.01, 686.09, 709.3~~, 728.0, ~~730.91-730.99~~, 785.4, [927-929](#), 958.0, 990, 996.52, 996.70-996.79, 986, 987.0-987.9, 993.3, 999.  
ICD-10: [E11.5x](#), [E11.621](#), [E11.622](#), [E11.628](#), I70.361-I70.369, I70.461-I70.469, I70.561-I70.569, I70.661-I70.669, I70.761-I70.769, I96, M27.8, ~~M46.20-M46.39~~, M60.000-M60.005, M60.011-M60.09, M72.6, ~~M86.9~~, O08.0, O88.011-O88.03, [S07.xxx](#), [S17.xxx](#), [S38.xxx](#), S47.1xxA-S47.1xxD, S47.2xxA-S47.2xxD, S47.9xxA-S47.9xxD, [S57.xxx](#), [S67.xxx](#), [S77.xxx](#), [S87.xxx](#), [S97.xxx](#), T58.01xA-T58.01xD, T58.02xA-T58.02xD, T58.03xA-T58.03xD, T58.04xA-T58.04xD, T58.11xA-T58.11xD, T58.12xA-T58.12xD, T58.13xA-T58.13xD, T58.14xA-T58.14xD, T58.2x1A-T58.2x1D, T58.2x2A-T58.2x2D, T58.2x3A-T58.2x3D, T58.2x4A-T58.2x4D, T58.8x1A-T58.8x1D, T58.8x2A-T58.8x2D, T58.8x3A-T58.8x3D, T58.8x4A-T58.8x4D, T58.91xA-T58.91xD, T58.92xA-T58.92xD, T58.93xA-T58.93xD, T58.94xA-T58.94xD, T59.4x4A-T59.4x4D, T59.93xA-T59.93xD, T66.xxxA-T66.xxxD, T70.3xxA-T70.3xxD, T79.0xxA-T79.0xxD, [T79.Axx](#), T80.0xxA-T80.0xxD, T82.898A-T82.898D, T82.9xxA-T82.9xxD, T83.89xA-T83.89xD, T83.9xxA-T83.9xxD, T84.89xA-T84.89xD, T84.9xxA-T84.9xxD, T85.89xA-T85.89xD, T85.9xxA-T85.9xxD, T86.820-T86.829  
CPT: 98966-98969, 99051, 99060, 99070, 99078, 99183, 99201-99215, 99281-99285, 99291-99404, 99341-99355, 99358-99378, 99381-99404, 99408-99412, 99429-99449, 99471-99476, 99487-99496, 99605-99607  
HCPCS: G0396, G0397, G0406-G0408, G0425-G0427, G0463

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3) Modify guideline note 107 as shown below

**For all Lists:**

**GUIDELINE NOTE 107, HYPERBARIC OXYGEN**

*Lines 336,373 (delete only for biennial review List)*

Hyperbaric oxygen is a covered service only under the following circumstances:

- ~~when paired with ICD-9-CM code 526.4 for osteomyelitis of the jaw only~~
- [when paired with ICD-9-CM codes 250.7x and 250.8x/ICD-10-CM E11.5x and E11.621,E11.622,E11.623 for diabetic wounds with gangrene OR diabetic wounds of the lower extremities in patients who meet the all of the following criteria:](#)
  - [Patient has Type 1 or Type 2 diabetes and has a lower extremity wound that is due to diabetes, AND](#)
  - [Patient has a wound classified as Wagner grade III or higher, AND](#)
  - [Patient has failed an adequate course of standard wound therapy including arterial assessment, with no measurable signs of healing after at least thirty days, AND](#)
  - [Wounds must be evaluated at least every 30 days during administration of hyperbaric oxygen therapy. Continued treatment with hyperbaric oxygen therapy is not covered if measurable signs of healing have not been demonstrated within any 30-day period of treatment.](#)
- when paired with ICD-9-CM codes 526.89/ ICD-10--CM codes M27.8 for osteoradionecrosis of the jaw only
- when paired with ICD-9-CM codes 639.0, 670.02, and 670.04/ ICD-10--CM codes O08.0, M60.000-M60.09 only if the infection is a necrotizing soft-tissue infection
- ~~when paired with ICD-9-CM codes 730.10-730.99/ICD-10-CM M46.20-M46.39, M86.9- only for chronic refractory osteomyelitis unresponsive to conventional medical and surgical management~~
- when paired with ICD-9-CM codes 927-929/ICD-10 CM codes S07.xxx,S17.xxx,S38.xxx,S47.1xxA-S47.1xxD,S47.2xxA-S47.2xxD,S47.9xxA-S47.9xxD, S57.xxx,S67.xxx, S77.xxx,S87.xxx,S97.xxx, T79.Axx, only for posttraumatic crush injury of Gustilo type III B and C
- when paired with ICD-9-CM codes 990/ ICD-10--CM codes T66.xxxA only for osteoradionecrosis [and soft tissue radiation injury](#)
- when paired with ICD-9-CM codes [996.52](#), 996.7/ ICD-10--CM codes [T86.820-T86.829](#),T82.898A, T82.898D, T82.9xxA, T82.9xxD, T83.89xA, T83.89xD, T83.9xxA, T83.9xxD, T84.89xA, T84.89xD, T84.9xxA, T84.9xxD, T85.89xA, T85.89xD, T859xxA, T859xxD only for compromised myocutaneous flaps

**Note detailed coding changes appear in the table below.**

ICD-9 code	Code description	Current Placement	Staff recommendation
040.0	Gas gangrene	239,336	No change
250.7	Diabetes with peripheral circulatory disorders	8,30,169,239	Add to line 336 with guideline Includes gangrene
250.8	Diabetes with other specified manifestations	30,75,297,349,381	Add to line 336 with guideline Includes diabetic ulcers
290.40	Vascular dementia	75,205,297,349,381	Do not add
340	Multiple sclerosis	75,255,297,349,381	Do not add
343	Cerebral palsy	75,297,349,381,(498)	Do not add
346.9	Migraine headache	414	Do not add
351.0	Bell's palsy	491	Do not add
380.14	Malignant otitis externa	209	Do not add
389.1	Sensorineural hearing loss	317,450	Do not add
339.0	Cluster headache	414	Do not add
410	Acute myocardial infarction	73	Do not add
411.81	Acute coronary occlusion without infarction	73	Do not add
526.4	Inflammatory conditions of jaw	188,270,336	Osteomyelitis of the jaw Remove from 336
526.89	Other specified diseases of the jaws	336, 533	Guideline restricting to osteoradionecrosis of the jaw

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			No change
639.0	Genital tract and pelvic infection following abortion or ectopic and molar pregnancies	39,336	Guideline restricting to necrotizing soft-tissue infection No change
639.6	Embolism following abortion or ectopic and molar pregnancies	39,336	No change
670.02	Major puerperal infection, delivered, with mention of postpartum complication	1,336	Guideline restricting to necrotizing soft-tissue infection No change
670.04	Major puerperal infection, postpartum condition or complication	1,336	Guideline restricting to necrotizing soft-tissue infection No change
673.0x	Obstetrical air embolism	1,336	No change
686.00	Pyoderma, unspecified	209,336(D)	Scheduled for removal from line 336
686.01/ L88,	Pyoderma gangrenosum	336	Scheduled for removal from line 336 with ICD-10
686.09/ L08.89,	Other pyoderma	336	Scheduled for removal from line 336 with ICD-10
709.3	Degenerative skin disorders	336,633	Unclear what diagnosis this is related to. Remove from 336
728.0	Infective myositis	135,239,336	Form of gangrene. No change
730.0	Acute osteomyelitis	188	Do not add
730.1	Chronic osteomyelitis	258	Do not add
730.2	Unspecified osteomyelitis	Excluded	Do not add
730.9	Unspecified infection of bone	258,336	Remove from line 336
785.4	Gangrene	239,336	No change
800-829	Fractures	Variable based on location	Do not add
854	Intracranial injury of other and unspecified nature	75,297,349,381	Do not add
870-897	Open wound, various locations	Variable based on location	Do not add—diabetic wounds and wounds with gangrene can be covered with other included codes
927-929	Crush injury	135	Add to 336 Note: some ICD-10 codes already added to line
940-949	Burns	61,76,200,613	Do not add
958.0	Air embolism	75,297,336,349,381	No change
986	Toxic effects of carbon monoxide	107,373	No change

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987.x	Toxic effects of other gas	107,373	No change
990	Effects of radiation, unspecified	336,427	Current guideline limits to osteoradionecrosis—add soft tissue injury as an indication
993.3	Caisson disease	373	No change
996.52	Mechanical complication due to graft of other tissue, not elsewhere classified	336,427	No change in coding Add to guideline
996.7x	Other complications due to inserted device or prosthesis	290,336	No change
999.1	Air embolism as a complication of medical care, not elsewhere classified	290,336	No change
E868	Accidental poisoning by CO	Ancillary	No change
E952	Suicide by gases	Ancillary	No change
E962.2	Assault by gases	Ancillary	No change
E982.1	Poisoning by CO, undetermined	Ancillary	No change