



SerenaGroup Medical Necessity Checklist

Hyperbaric Oxygen Therapy

RADIATION CYSTITIS

RADIATION

- Dates
- Dosage
- Anatomical Location
- Number of Treatments
- ≥ 6 Monts Post Radiation

Related ICD-10 Codes (NCD)

N30.40: Irradiation cystitis
w/out hematuria

N30.41: Irradiation cystitis
w/out hematuria

SUPPORTING THE DIAGNOSIS

- Cystoscopy
- Symptoms
 - Hematuria
 - Bladder Pain
 - Spasms
 - Urgency
 - Incontinence
 - Dysuria
 - Urinary Retention
 - Radiation Lesions/Ulcers
- Other Diagnostic Imaging or Biopsy

Goals:

Decrease frequency of
blood in urine.

Decrease pain.

Promote epithelialization.

Stimulate angiogenesis.

Increase quality of life by
reduction of pain and

CONVENTIONAL TREATMENT

- Medication Therapy
- Intravesical Instillation of Glycosaminoglycan (GAG)
- Bladder Irrigation
- Cauterization
- Catheterization



SerenaGroup Medical Necessity Checklist

Hyperbaric Oxygen Therapy

RADIATION PROCTITIS/ENTERITIS

RADIATION

- Dates
- Dosage
- Anatomical Location
- Number of Treatments
- ≥ 6 Monts Post Radiation

Related ICD-10 Codes (NCD)

L59.8: Other specified disorders of the skin and subcutaneous tissue related to radiation

(K62.7 is not a CMS ICD-10 code)

SUPPORTING THE DIAGNOSIS

- Colonoscopy/Sigmoidoscopy
- Symptoms
 - Hematochezia
 - Rectal, Abdominal, Anal Pain
 - Diarrhea
 - Urgency
 - Incontinence
 - Tenesmus
 - Radiation Lesions/Ulcers
 - Fistula, Perforation, Stricture, Occlusion
- Other Diagnostic Imaging or Biopsy

Goals:

Decrease frequency of blood in stool.

Decrease pain.

Promote epithelialization.

Stimulate angiogenesis.

Increase quality of life by reduction of pain and passing

CONVENTIONAL TREATMENT

- Medication Therapy
- Therapeutic Endoscopy
- Surgical or Endovascular Surgery



SerenaGroup Medical Necessity Checklist

Hyperbaric Oxygen Therapy

SOFT TISSUE RADIATION WOUND

RADIATION

- Dates
- Dosage
- Anatomical Location
- Number of Treatments
- ≥ 6 Monts Post Radiation

Related ICD-10 Codes (NCD)

L59.8: Other specified disorders of the skin and subcutaneous tissue related to radiation

SUPPORTING THE DIAGNOSIS

- Wound in Irradiated Area
- Symptoms
 - Delayed Radiation Wound/Ulcer
 - Pain
- Biopsy

Goals:

Decrease pain.
Promote epithelialization.
Stimulate angiogenesis.
Increase quality of life through wound healing.

CONVENTIONAL TREATMENT

- Appropriate Wound Dressing



SerenaGroup Medical Necessity Checklist Hyperbaric Oxygen Therapy

OSTEORADIONECROSIS

RADIATION

- Dates
- Dosage
- Anatomical Location
- Number of Treatments
- ≥ 6 Monts Post Radiation

SUPPORTING THE DIAGNOSIS

- Imaging or Biopsy Confirming ORN
- Symptoms
 - Radiation Carries
 - Exposed Bone
 - Fistula
 - Pain
 - Difficulty Chewing
- Oral Surgery/Dental Treatment Plan

Related ICD-10 Codes (NCD)

M27.2: Inflammatory conditions of the jaw

M27.8: Other specified diseases of the jaw

L59.8: Other specified disorders of the skin and subcutaneous tissue related to radiation

Goals:

Decrease pain

Increase epithelization

Increase osteogenesis

Support surgical success

*CMS does not cover preventative ORN



SerenaGroup Medical Necessity Checklist

Hyperbaric Oxygen Therapy

COMPROMISED/FAILED FLAP/GRAFT

SUPPORTING THE DIAGNOSIS

- Operative Report Defining Flap or Graft
- Documentation of Compromise
 - "Dusky"
 - "Necrosing"
 - "Dehiscence"
 - Color?
 - Temperature?
 - History of Radiation?
 - History of previous failed flap/graft in the area?
- Into HBOT ASAP, Roughly, Within 30 Days of Operation

Related ICD-10 Codes (NCD)

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)

*Skin substitutes do not qualify.

Goals:

Support salvage of flap/graft

Promote angiogenesis



SerenaGroup Medical Necessity Checklist Hyperbaric Oxygen Therapy

DIABETIC FOOT ULCER

REGARDLESS OF WAGNER GRADE

- Type 1 or Type 2 Diabetes with Lower Extremity Ulcer
- Proof & Documentation of Wagner Grade 3, 4, or 5
- Documentation of Standard of Care for 30 Days
- < 40% Improvement in 4 Weeks

Related ICD-10 Codes (NCD)

"E" Code for Diabetes

"L97" Code for Ulcer

(See NCD for Specific Codes)

STANDARD OF CARE DEFINED

- Vascular Assessment & Correction of Issue if Required (Supportive Measure: ABI >.6)
- Optimization of Glucose & Education (Supportive Measure: A1c <8% or trending down)
- Optimization of Nutritional States & Education
- Debridement By Any Means to Remove Devitalized Tissue
- Documentation of Maintenance of a Clean, Moist Wound Bed
- Appropriate Offloading
- Treatment to Resolve Infection
- Appropriate Moist Dressing

Goals:

Stimulate angiogenesis

Promote tissue granulation and epithelialization

Decrease level of amputation

PROOF OF WAGNER GRADE

- Wagner Grade 3, Proven By + XRay/MRI/Bone Scan/CT/Biopsy
 - Osteomyelitis
 - Osteitis
 - Deep Abscess
 - Tendonitis
 - Pyarthrosis
 - Joint Sepsis
- Wagner Grade 4, As Proven by Documentation & Photographic Evidence
- Wagner Grade 5, As Proven by Documentation & Photographic Evidence



SerenaGroup Medical Necessity Checklist

Hyperbaric Oxygen Therapy

CHRONIC REFRACTORY OSTEOMYELITIS

PROVING THE DIAGNOSIS

- Proof Of Osteomyelitis
- Failed Appropriate Antibiotic Regimen
- Removal of Infected Bone, If Possible (Debridement of Bone/Amputation)
- Standard Wound Care
- Definitive Evidence That Osteomyelitis is Chronic & Unresponsive to Conventional Care

Related ICD-10 Codes (NCD)

"M86" Code

See NCD for Specific Codes

PROVING OSTEOMYELITIS – ONLY ONE REQUIRED

- MRI
- X-Ray
- Bone Scan
- CT Scan
- Bone Biopsy

Goals:

Promotion of osteogenesis, angiogenesis, and tissue granulation

Reduce risk of amputation

*Proving Osteomyelitis before AND after antibiotic and surgical treatment is the simplest way to prove chronic/refractory nature.

*Exposed bone is NOT proof of Osteomyelitis but can be used to correlate clinically in conjunction with suspicious imaging.