

August 2022 Education

Clinical Practice Disease-Specific Guidelines
Late Effects of Radiation Injury



Agenda

SerenaGroup Clinical Guidelines
Late Effects of Radiation Therapy

- Definition
- Cause
- Treatment
- Risk Factors
- Ordering Tests
- Appropriate Follow-Up
- Codes Related
- Quiz



Defination



The late effects of radiation to the bony tissue of the mandible and less frequently the maxilla, resulting in reabsorption of the bone.



Cause



Exposure to radiation of the head and neck.

Symptoms:

- Limited range of motion (ROM)
- Pain, swelling
- Bone exposure
- Orocutaneous fistula
- Dental carries
- Dry mouth
- Difficulty swallowing
- Pathologic fracture



Treatment



Hyperbaric oxygen therapy (HBOT) at, typically, 2.4 ATA for 90 minutes for a total of 30 to 60 treatments in conjunction with surgical intervention.



Risk Factors



- Pathologic fracture
- Loss of bony support of the jaw
- Need for major surgical intervention
- Disfigurement



Order Tests

- MRI/X-Ray



Follow-up

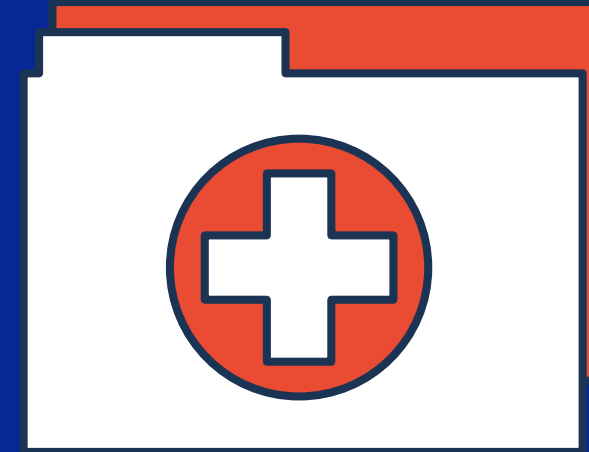


Demonstrate clinical improvement during HBOT:

- Reduction in pain
- Improvement in quality of life
- Closure of fistula
- Decrease in discharge



Codes Related



- L59.8
- M27.2
- M27.8



QUIZ TIME

Late Effects of Radiation Injury

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Question 1

Late Effects of Radiation Injury

The late effects of radiation to the bony tissue of the mandible and less frequently the maxilla, resulting in reabsorption of the bone.

FALSE

TRUE



Answer 1

Late Effects of Radiation Injury

The late effects of radiation to the bony tissue of the mandible and less frequently the maxilla, resulting in reabsorption of the bone.



Question 2

Late Effects of Radiation Injury

Hyperbaric oxygen therapy (HBOT) at, typically, 2.4 ATA for 90 minutes for a total of 30 to 60 treatments in conjunction with surgical intervention.

FALSE

TRUE



Answer 2

Late Effects of Radiation Injury

Hyperbaric oxygen therapy (HBOT) at, typically, 2.4 ATA for 90 minutes for a total of 30 to 60 treatments in conjunction with surgical intervention.

TRUE



Question 3

Late Effects of Radiation Injury

Tests that should be ordered include an MRI/X-Ray and Endoscopy.

FALSE

TRUE



Question 3

Late Effects of Radiation Injury

Tests that should be ordered include an MRI/X-Ray **and**
Endoscopy.

FALSE

Only test that is ordered
is the MRI/X-Ray



Question 4

Late Effects of Radiation Injury

The patient should demonstrate clinical improvement during hyperbaric oxygen therapy (HBOT).

FALSE

TRUE



Answer 4

Late Effects of Radiation Injury

The patient should demonstrate clinical improvement during hyperbaric oxygen therapy (HBOT).

TRUE

- Reduction in pain
- Improvement in quality of life
- Closure of fistula
- Decrease in discharge



Reference

To view the SerenaGroup Clinical Practice Disease-Specific Guidelines -- go to www.serenagroupinc.com in the Member's Portal



Evidence-Based Wound Care Practice Guidelines

2nd Edition

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Thank you!

