

July 2022 Education

Clinical Practice Disease-Specific Guidelines
Late Effects of Radiation Therapy



Agenda

**SerenaGroup Clinical Guidelines
Late Effects of Radiation Therapy**

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



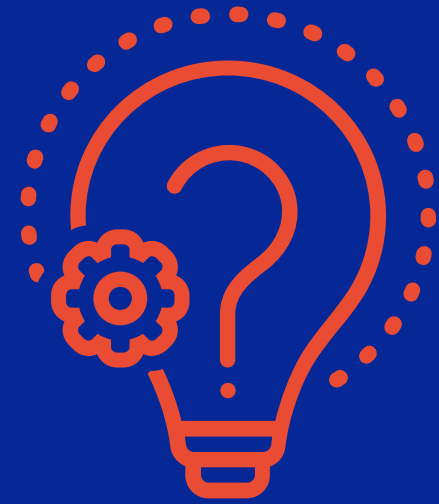
Definition



The late effects of radiation therapy are caused by exposure of the soft tissue to ionizing radiation.



Cause



Histologically, tissues exhibit increased fibrosis, decreased cellularity and hypoxia due to endarteritis Obliterans.



Treatment



The soft tissue most affected includes dermal soft tissue, the rectum, and proximal gastrointestinal tract, bladder, tissues of the head and neck, vaginal tissue, and cerebral cortex.

Typical therapy includes HBOT at 2.4 ATA for 30-60 treatments. Patient should be reevaluated after 30 days.

Nutritional assessment and treatment.



Risk Factors



- Disruption of quality of life
- Anemia
- Gastrointestinal bleeding
- Hemorrhagic cystitis
- Bowel perforation
- Bowel ulceration
- Fistula formation
- Chronic pain
- Urinary frequency



Dressing Options



- Keep the skin moisturized and lubricated to prevent itching and cracking of the skin.
- Refer to SerenaGroup® Formulary.



Order Tests



- MRI/X-Ray
- Endoscopy



Follow-up

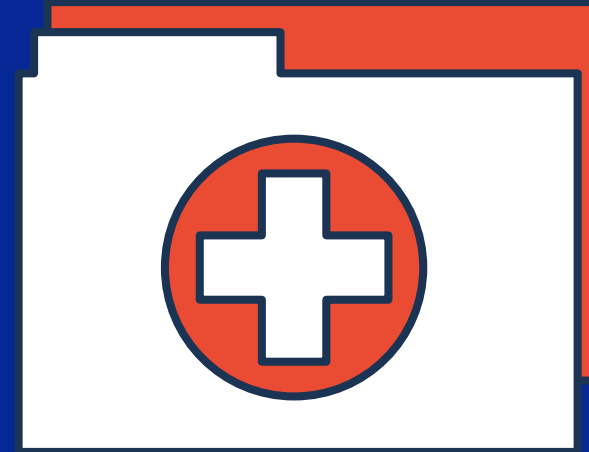


Must show clinical improvement during HBOT:

- Reduction in Pain
- Improvement in quality of life
- Reduction of bloody stool or urine
- Decreased urinary frequency
- Wound healing Fistula closure.
- Complete Radiation Cystitis questionnaire on initial consult, every 10 treatments, and on final treatment.



Codes Related



HBOT specific:

- Primary
- L59.8, N30.40, N30.41, M27.2, M27.8
- Secondary
- T66.XXA



QUIZ TIME

Late Effects of Radiation Therapy

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Question 1

Late Effects of Radiation Therapy

The late effects of radiation therapy are caused by exposure of the soft tissue to ionizing radiation.

FALSE

TRUE



Answer 1

Late Effects of Radiation Therapy

The late effects of radiation therapy are caused by exposure of the soft tissue to ionizing radiation.

TRUE



Question 2

Late Effects of Radiation Therapy

Histologically, tissues exhibit decreased fibrosis, decreased cellularity and hypoxia due to endarteritis obliterans.

FALSE

TRUE



Answer 2

Late Effects of Radiation Therapy

Histologically, tissues exhibit **decreased** fibrosis, decreased cellularity and hypoxia due to endarteritis obliterans.

FALSE

increased



Question 3

Late Effects of Radiation Therapy

You should keep the skin moisturized and lubricated to prevent itching and cracking of the skin.

FALSE

TRUE



Answer 3

Late Effects of Radiation Therapy

You should keep the skin moisturized and lubricated to prevent itching and cracking of the skin.

TRUE



Question 4

Late Effects of Radiation Therapy

Complete the Radiation Cystitis Questionnaire on initial consult, every 20 treatments, and on final treatment.

FALSE

TRUE



Answer 4

Late Effects of Radiation Therapy

Complete the Radiation Cystitis Questionnaire on initial consult, every **20** treatments, and on final treatment.

10

FALSE



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!

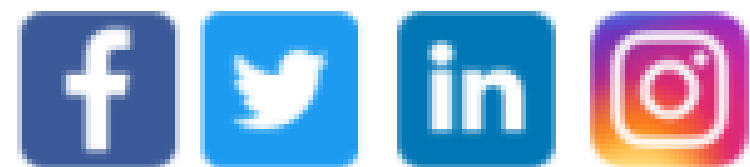
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SerenaGroup
Building the Nation's Leading Wound Care Team

