Radical Amputations: Rehabilitation after Hemipelvectomy and Sacrectomy Surgery

Presenters:
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Course Objectives:
1. Learners will understand medical diagnoses and etiology leading to hemipelvectomy or sacrectomy surgeries. (imaging, secondary complications, flap and ortho precautions/protocols)
2. Learners will understand unique considerations of this client population during the rehabilitation process in the acute phase, during inpatient rehabilitation, and outpatient therapy.
3. Learners will appreciate life long considerations and needs of this client population throughout the lifespan

Short Description
Advances in surgical management of cancerous tumors of the pelvis have increased opportunities for rehabilitation professionals to work with clients after hemipelvectomy and sacrectomy surgeries. This lecture will focus on physical and occupational therapy interventions in the acute and sub-acute phases of rehabilitation as well as long term wellness considerations for these unique clients. Topics include early mobilization, skin and joint precautions/protection, advanced activities of daily living and mobility training for home going, and ongoing wellness care. The learner will have an understanding of key care components needed to provide services in an acute, sub-acute, outpatient, or long-term care setting.

Outline:

Medical Background
- Common Diagnoses
- Surgical Procedures
- Complications

Rehabilitation
- Common Impairments
  - ROM
  - Loss of Strength
  - Sensation
  - Skin Integrity
  - Pain
  - Bowel/Bladder
  - Balance
Managing Functional Limitations
- Bed Mobility
- Transfer training
- Sitting tolerance and balance
- Standing tolerance and balance
- Walking
- Wheelchair mobility
- Higher level tasks
- Other considerations

Managing Long-term Disabilities
- Activities of Daily Living
- Instrumental Activities of Daily Living
- Community Re-integration
- Wellness

Seating and Mobility
- Early Seating Considerations
- Positioning
- Cushions
- Seating Orthoses
- Long-term Considerations

References:
