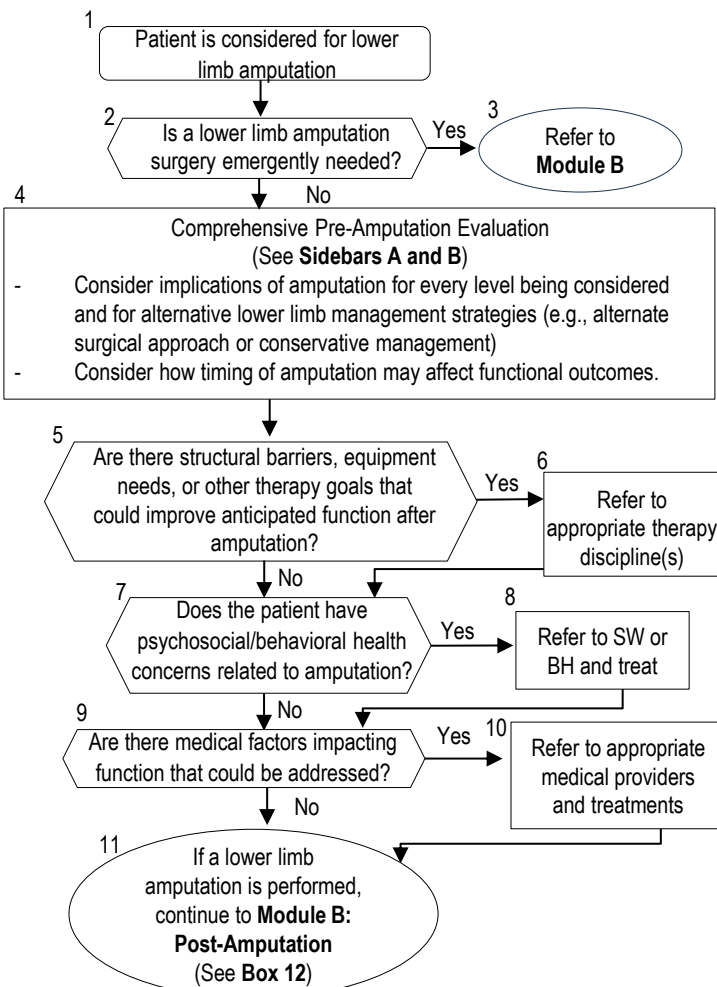


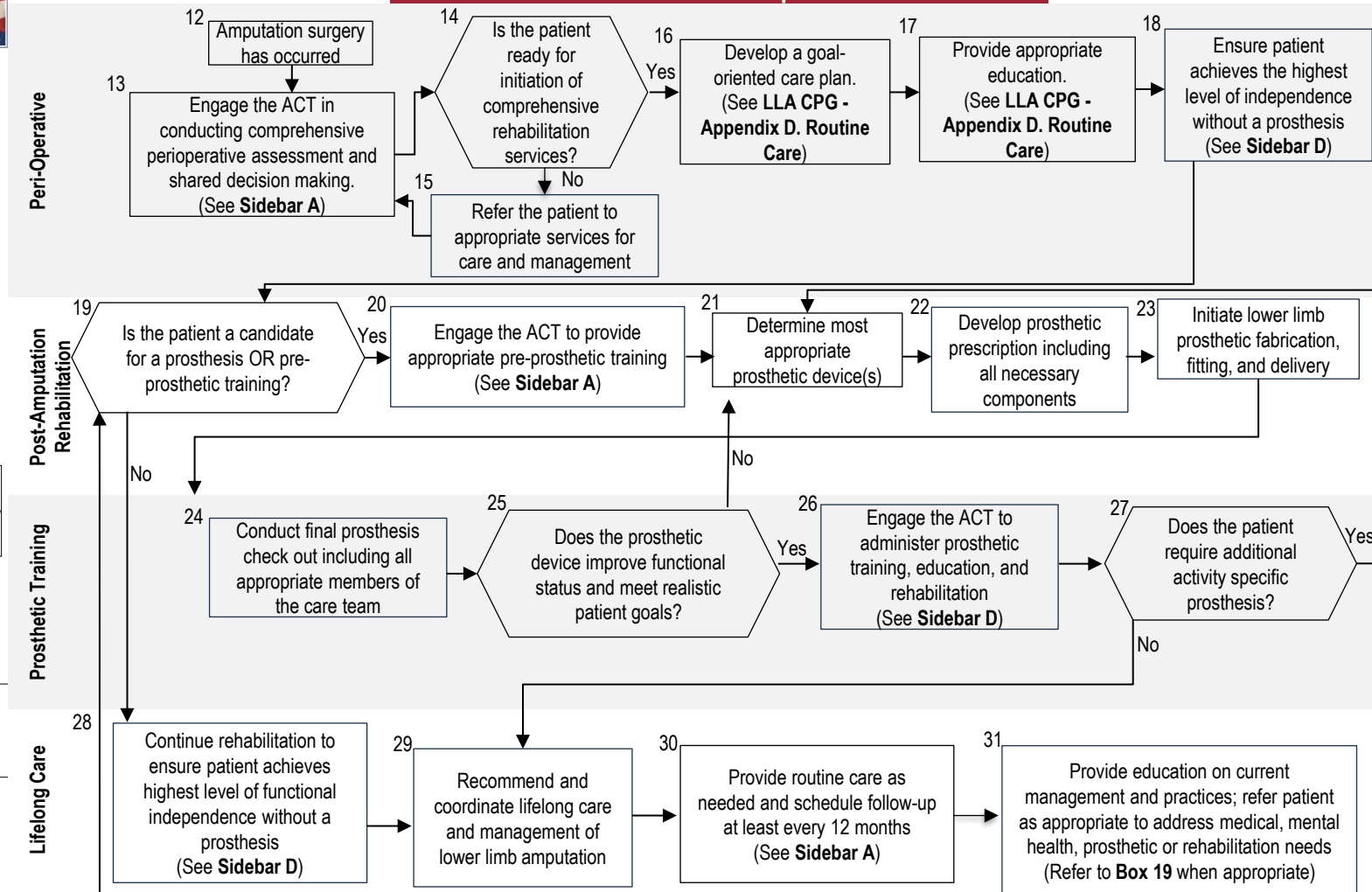
Rehabilitation of Lower Limb Amputation

Module A: Pre-Amputation



Abbreviations: BH: behavioral health; SW: social work

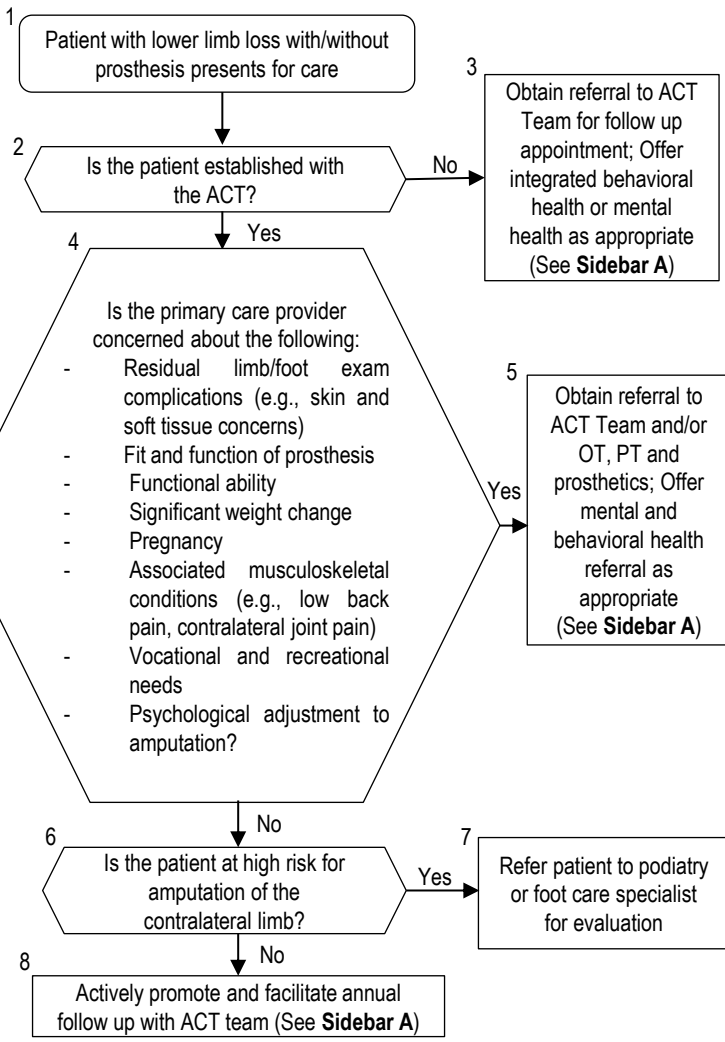
Module B: Post-Amputation



Abbreviations: ACT: Amputation Care Team; CPG: clinical practice guideline; LLA: lower limb amputation



Module C: Primary Care



Abbreviations: ACT: Transdisciplinary Amputation Care Team; OT: occupational therapy; PT: physical therapy

Sidebar A: Amputation Care Team (ACT)

The ACT is a physician-led, patient-centered, transdisciplinary approach to provide a comprehensive treatment plan, limb preservation, and ensure lifelong management. The specialists involved may include:

- Rehabilitation physicians
- Pain management specialists
- Surgeons (e.g., vascular, orthopedic)
- Mental and behavioral health providers
- Case managers
- Nurses
- Occupational and physical therapists
- Certified prosthetists
- Social workers
- Trained peer visitors
- Recreational Therapists and Adaptive Sports Providers
- Others (e.g., podiatrist, cardiologist)

Abbreviations: ACT: Amputation Care

Sidebar B: Comprehensive Pre-Amputation Evaluation

For amputation or other management approaches being considered, assess the following:

- Preliminary prosthesis candidacy
- Functional implications of amputation if not using a prosthesis (applies to all patients at times)
- Equipment or home modification needs to prepare for post-amputation
- Specific rehabilitation goals such as optimizing mobility with the contralateral limb
- Psychosocial and behavioral health
- Medical factors affecting function
- Alternative surgical approaches or conservative management

See **Appendix D** in the full LLA CPG for further recommendations.

Sidebar C: Pain Management

Perioperative Pain Management:

- Intraoperative placement of a perineural catheter for the post operative delivery of local anesthetic can reduce pain following amputation surgery. (Recommendation 4)
- Insufficient evidence to recommend for or against targeted muscle reinnervation (peripheral nerve management) for phantom limb pain. (Recommendation 3)

Residual Limb Pain Management:

- Insufficient evidence for or against neurostimulation (e.g., peripheral nerve stimulation, or spinal cord stimulation) or neuroablation (e.g., cryoneurolysis, radio frequency ablation) interventions for the management of residual limb pain (Recommendation 21)

Chronic Phantom Limb Pain:

- Perineural catheter delivered anesthetic for the treatment of chronic severe phantom limb pain with functional impairment (Recommendation 22)
- Consult for mirror therapy, alone or in combination with other therapies, to improve pain, function and quality of life for individuals with phantom limb pain. (Recommendation 11)
- Insufficient evidence to recommend for or against any systemic pharmacologic intervention for the management of phantom limb pain. (Recommendation 23)
- Insufficient evidence for or against neurostimulation (e.g., peripheral nerve stimulation, or spinal cord stimulation) or neuroablation (e.g., cryoneurolysis, radio frequency ablation) interventions for the management of phantom limb pain (Recommendation 21)

Sidebar D: Functional Activity List

Below are categories of activities to include throughout the rehabilitation process of individuals with lower limb amputation. These activities are dependent on patient preference, level of functioning, and overall clinical judgment to ensure safety.

• Activities of Daily Living	• Community Tasks
• Functional Mobility	• Return to Work
• Household Tasks	• Return to Sport/Leisure
• Caregiving	• Return to Travel

Please see LLA CPG page 28 for the full list of functional activities