Management of Neuropathic Pain After SCI The CanPain SCI Clinical Practice Guidelines

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Background / Purpose

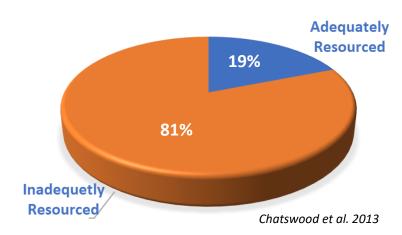
Canadian SCI Rehabilitation Sites



No Standard of Care or Treatment guidelines for the selection of NP management



POST-SCI PAIN MANAGEMENT



Background / Purpose

CanPain SCI CPG Purpose:

- 1) Create practical, actionable guidelines for the management of NP after SCI
- 2) Support standardized care in the rehabilitation management of NP after SCI
- 3) Identify opportunities for further research

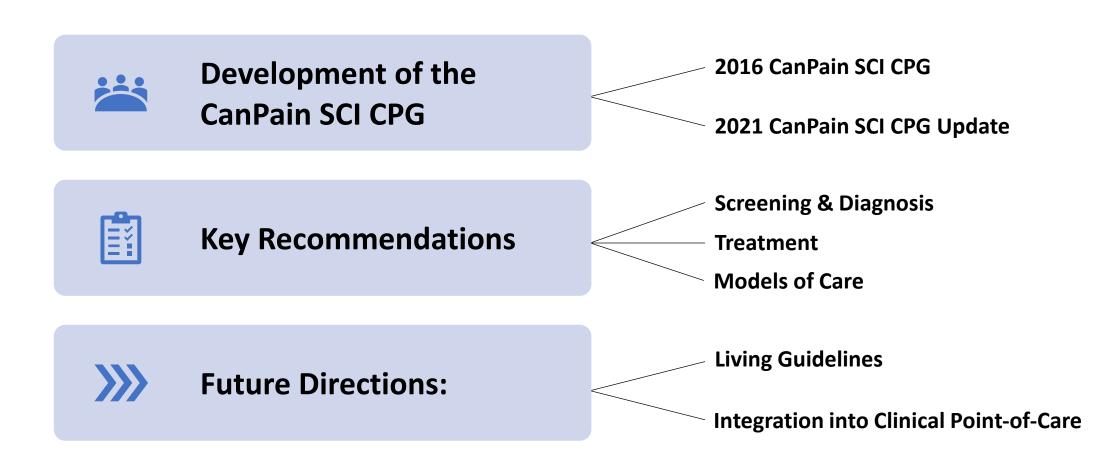
GUIDELINES

The CanPain SCI Clinical Practice Guidelines for Rehabilitation Management of Neuropathic Pain after Spinal Cord: introduction, methodology and recommendation overview The CanPain SCI clinical practice guidelines for rehabilitation management of neuropathic pain after spinal cord injury: 2021 update

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Outline







Expert Panel



Review Process



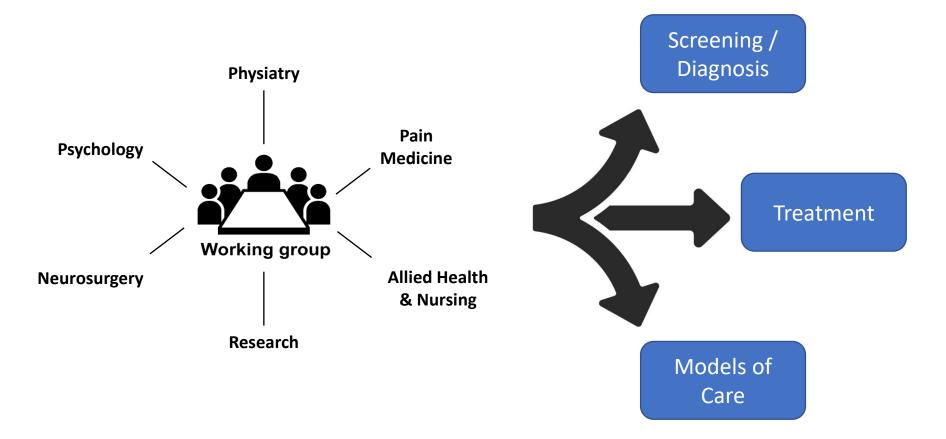
2021 Update





Expert Panel



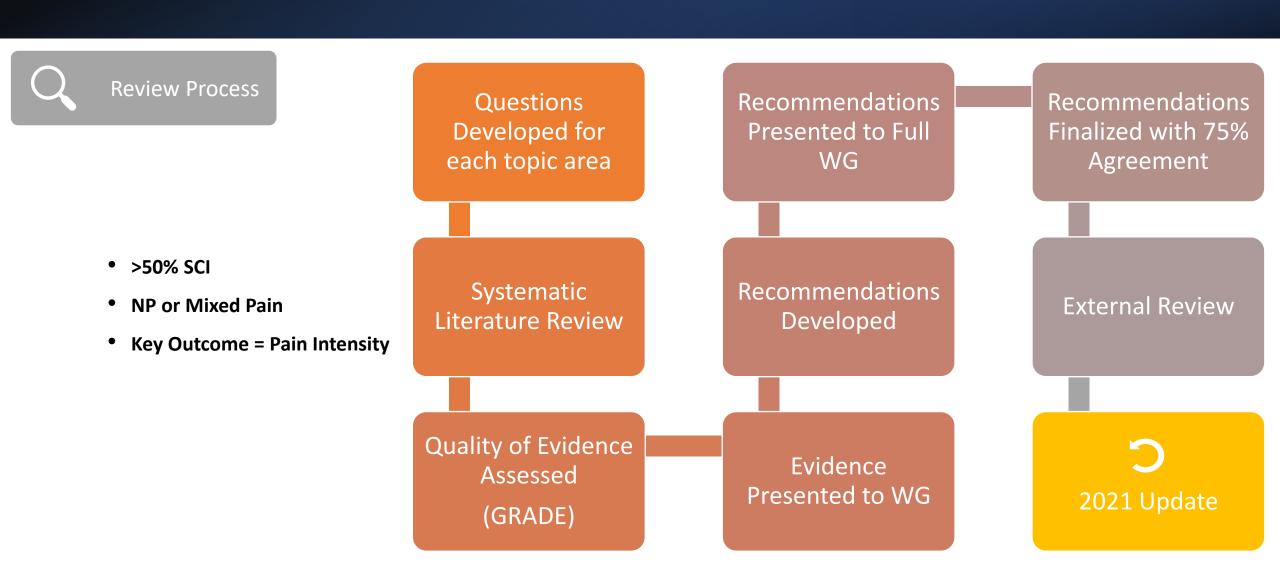




















Line	Quality	Strength of Recommendation
First	High	Strong
Second	High/Moderate	Strong
Third	High/Moderate	Weak
Fourth	Moderate/Low	Weak

- Quality of Evidence
- Balance Between Desirable and Undesirable Effects
- Values and Preferences
- Costs (Resource Allocation)







Screening and Diagnosis recommendations



Treatment recommendations



Models of Care
Recommendations





Screening and Diagnosis Recommendations

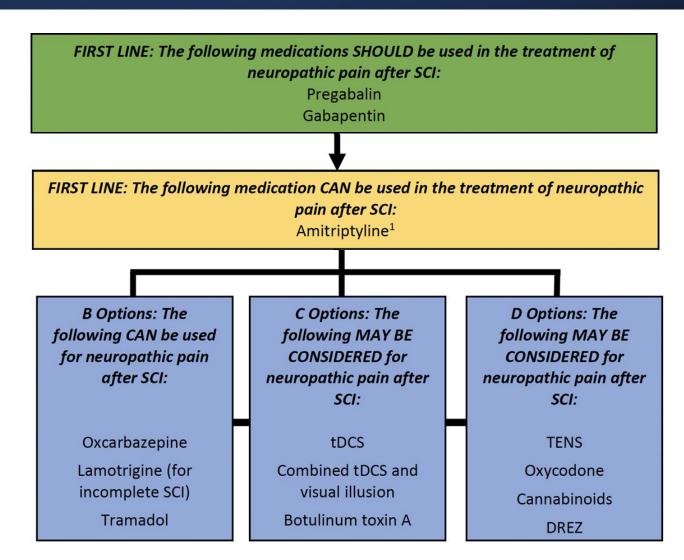
#	Recommendation
1.1	All patients with spinal cord injury must be screened for pain using a simple yes/no question.
1.2	Any member of the health-care team can, and should, screen for the presence of pain.
1.3	Screening for pain should occur on admission to rehabilitation, regularly during inpatient rehabilitation and after discharge at each follow-up.
1.4	If pain is present at screening, an assessment to determine the type of pain, its intensity and interference should be carried out.
1.5	Diagnosis of neuropathic pain, including its causes, should be informed by (1) a complete patient history, (2) a physical examination, (3) the International Spinal Cord Injury Pain (ISCIP) Classification system, and (4) investigations.
1.6	The SCIPI and NPSI can be used to supplement the diagnosis of neuropathic pain for people with spinal cord injury.
1.7	Assess for serious underlying conditions (red flags) that may cause, aggravate, or mimic neuropathic pain and that require further investigation and prompt medical review.

#	Recommendation
1.8	Assess and manage psychosocial factors (yellow flags) that may contribute to pain related distress and disability
1.9	The International Spinal Cord Injury Pain Basic Data Set (ISCIPBDS) v2.0 should be used as a standardized tool for assessing and documenting pain in patients with spinal cord injury.
1.10	The NPSI can be used to supplement the assessment and documentation of neuropathic pain.
1.11	Address patient concerns, expectations and needs as part of the neuropathic pain assessment.
1.12	Standardized evaluation of treatment response should be carried out by the healthcare team at regular intervals.
1.13	The evaluation of treatment response should include assessment of changes in pain intensity, mood and function using the International Spinal Cord Injury Pain Basic Data Set v2.0. Evaluation also includes assessment of adverse events, aberrant behavior and compliance.
1.14	All patients with new-onset or worsening pain need to be reassessed.
1.15	The NPSI can be used to supplement the evaluation of treatment response.





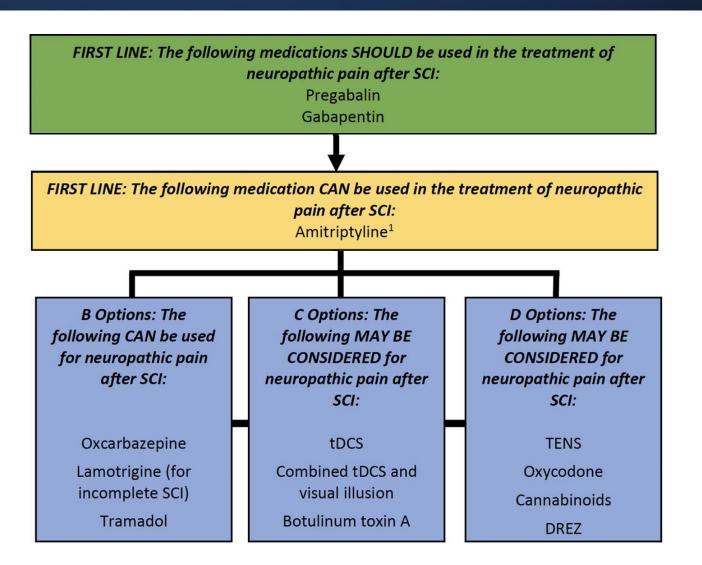








First-Line Treatments	
Quality of Evidence	High
Strength of Recommendation	Strong





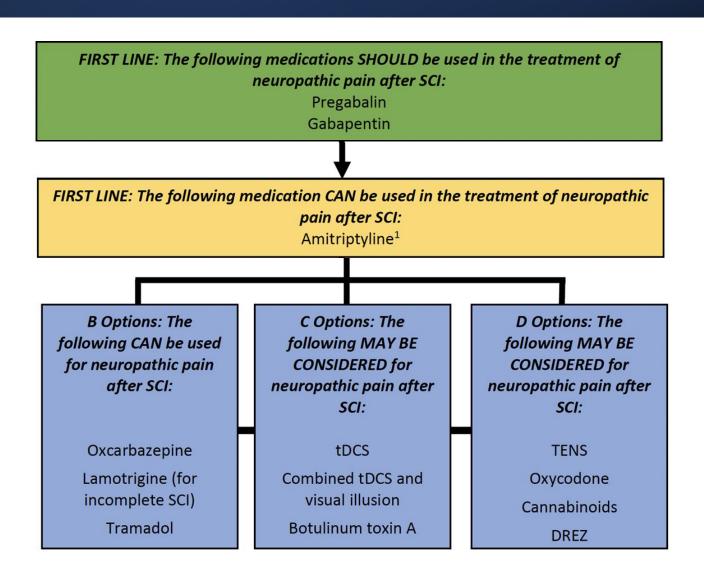


Treatment Recommendations

B-Options	
Quality of Evidence	High/Moderate
Strength of Recommendation	Strong

C-Options	
Quality of Evidence	High
Strength of Recommendation	Weak

D-Options	
Quality of Evidence	Moderate/Low
Strength of Recommendation	Weak







Treatment Recommendations

Principles of Managing Neuropathic Pain after Spinal Cord Injury

- G1. Those with NP after SCI should be encouraged to pursue self-management strategies that they find beneficial for pain intensity reduction, coping with pain, and improving functional abilities.
- G2. A comprehensive pain management strategy should address issues with activity, sleep, and mood that result from, or may worsen, pain. This could include both pharmacologic and non-pharmacologic strategies, as appropriate.
- G3. Consider referral for SCI rehabilitation specialized expert multidisciplinary SCI rehabilitation management in order to address functional limitations including activity, mood, and sleep.
- G4. An interdisciplinary pain program that may consist of patient education, CBT, self-management strategies, group discussions, exercise, or guided relaxation could be considered in those with SCI and NP.
- G5. CBT could be considered to improve coping skills and reduce pain interference.







Important to address the functional and psychological impact of pain



Team approach can improve timeliness of treatment to improve health outcomes, patient satisfaction and resource utilization efficiency



Consider alternate communication methods when distance is a barrier



Discharge from specialized care when stable plateau and maximal gains achieved



Future Directions



Living Guidelines



Integration into Clinical Pointof-Care

>>> Future Directions



Living Guidelines

Traditional Approach		Living Guideline Approach	
	2-3 years	(Ongoing / Presented Annually
	High Volume Onerous		Lower Volume / More Manageable
(- -)	Outdated		Current / Up to Date Recommendations

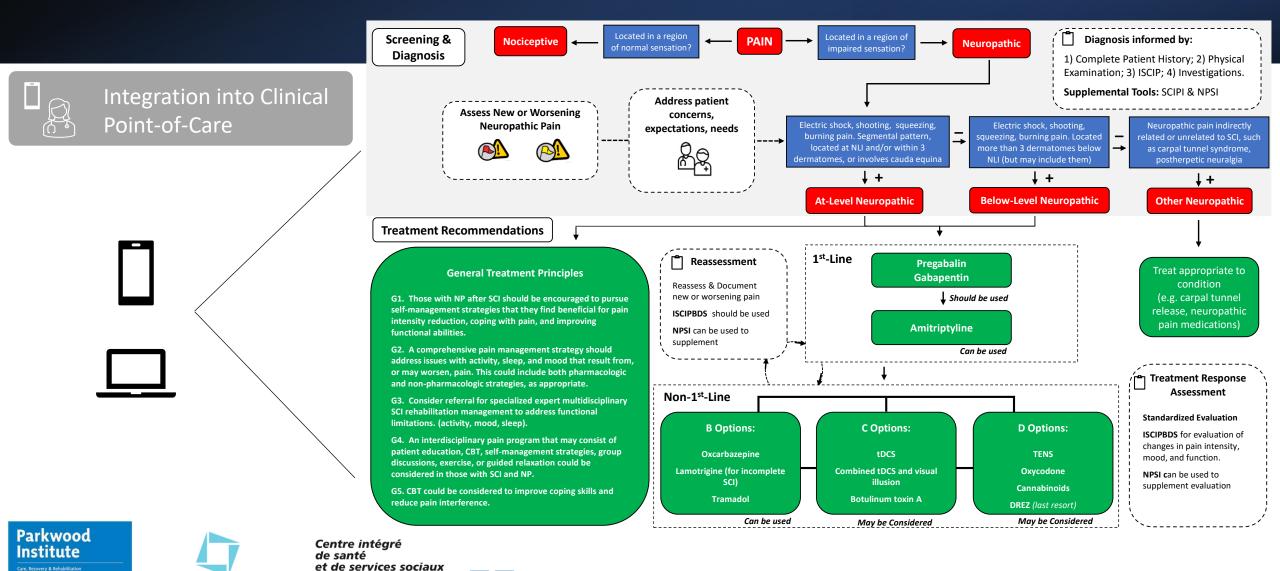


>>> Future Directions

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ST JOSEPH'S



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