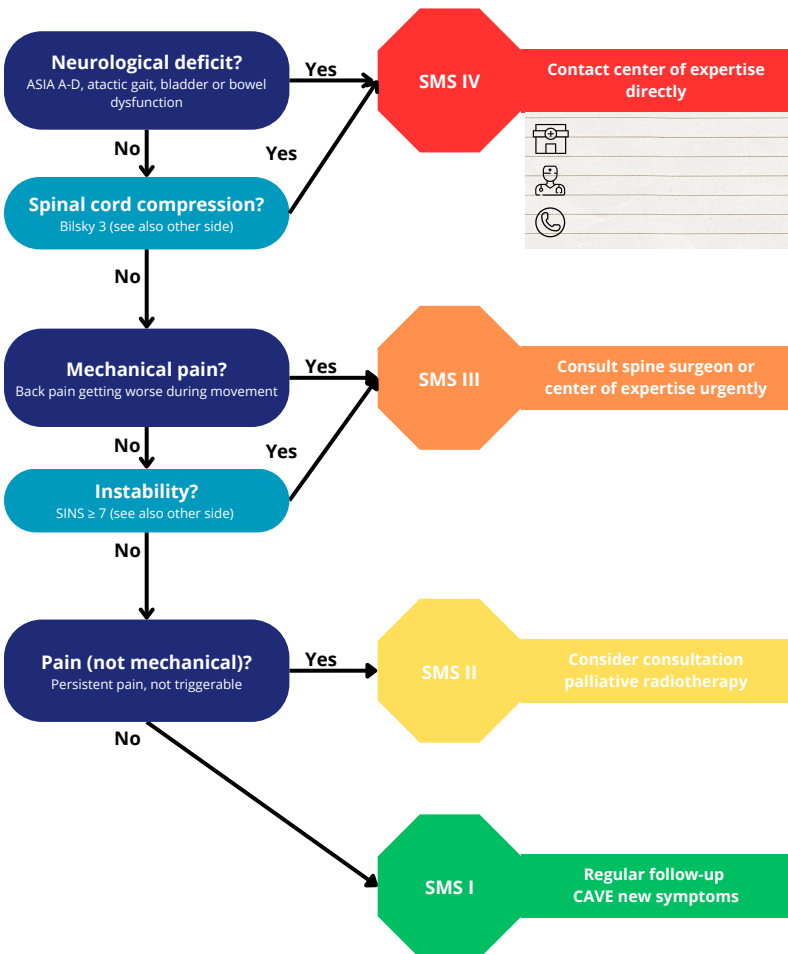


Spinal Metastasis Staging (SMS) System

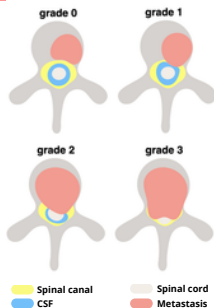
for patients pursuing active treatment



American Spinal Injury Association (ASIA) Impairment Scale

A	The impairment is complete. There is no motor or sensory function left below the level of injury.
B	The impairment is incomplete. Sensory function, but not motor function, is preserved below the neurologic level (the first normal level above the level of injury) and some sensation is preserved in the sacral segments S4 and S5.
C	The impairment is incomplete. Motor function is preserved below the neurologic level, but more than half of the key muscles below the neurologic level have a muscle grade less than 3 (i.e., they are not strong enough to move against gravity).
D	The impairment is incomplete. Motor function is preserved below the neurologic level, and at least half of the key muscles below the neurologic level have a muscle grade of 3 or more (i.e., the joints can be moved against gravity).
E	The patient's functions are normal. All motor and sensory functions are unhindered.

Bilsky grading



SCAN ME

QR code for more
info on ASIA,
Bilsky and SINS

Spinal neoplastic instability score (SINS)

Element of SINS	SCORE
Location	
Junctional (occiput-C2, C7-T2, T11-L1, L5-S1)	3
Mobile spine (C3-C6, L2-L4)	2
Semi-rigid (T3-T10)	1
Rigid (S2-S5)	0
Pain relief with recumbency and/or pain with movement/loading of the spine	
Yes	3
No (occasional pain but not mechanical)	1
Pain free lesion	0
Bone lesion	
Lytic	2
Mixed (lytic/blastic)	1
Blastic	0
Radiographic spinal alignment	
Subluxation/translation present	4
De novo deformity (kyphosis/scoliosis)	2
Normal alignment	0
Vertebral body collapse	
> 50% collapse	3
< 50% collapse	2
No collapse with > 50% body involved	1
None of the above	0
Posterolateral involvement of the spinal elements (facet, pedicle of CV joint fracture or replacement with tumor)	
Bilateral	3
Unilateral	1
None of the above	0