



Spine Symposium 2021: Updates on Spine Care 10/7/2021

This activity was created to address the professional practice gaps listed below:

- Utilizing current management strategies for spinal degenerative, deformity, traumatic fracture, and tumor.
- Recognizing depression as a known effect of spine surgery and the need for proper management to reach positive outcomes.
- Identifying the evidence-based research showing the benefits of robotics and neuromodulation as a recovery therapy for people with spinal cord injury.
- Recognizing spinal care for degenerative spinal conditions in non-operative treatments is possible and can be reviewed through algorithms.

1. Please respond regarding how much you agree or disagree that the gaps listed above were addressed.

	Disagree		Agree	
Participating in this educational activity changed your KNOWLEDGE in the professional practice gaps listed above. [24-3.83]	(0)	(0)	(4) 16.67%	(20) 83.33%
Participating in this educational activity changed your COMPETENCE in the professional practice gaps listed above. [24-3.75]	(0)	(1) 4.17%	(4) 16.67%	(19) 79.17%
Do you feel participating in this educational activity will change your PERFORMANCE in the professional practice gaps listed above? [24-3.71]	(1) 4.17%	(1) 4.17%	(2) 8.33%	(20) 83.33%

2. Please elaborate on your previous answers. (10)

Excellent topics

I have no comments

Highlights the importance of a holistic view on chronic pain

All the presentations were informative and the speakers were knowledgeable.

Greatly enhanced my knowledge of current management of spinal cord issues.

wonderful to hear about care issues with older adults

the program added new information on the psychological aspect of patients with chronic depression may respond to spinal surgery and what may be needed is that patients be screened for mental illness.

Great course

excellent program!

everything was excellent!

3. Please evaluate the effectiveness of the following speakers in improving your knowledge, competence and/or performance. (Poor = 1, Excellent = 4)

	Poor	Fair	Good	Excellent
Lindsay Graves, DO [23-3.61]	(0)	(0)	(9) 39.13%	(14) 60.87%
Maxwell Boakye, MD, MPH, MBA [23-3.74]	(0)	(0)	(6) 26.09%	(17) 73.91%
Isaac Karikari, MD [23-3.65]	(0)	(0)	(8) 34.78%	(15) 65.22%
Thomas Altstadt, MD [23-3.57]	(0)	(2) 8.70%	(6) 26.09%	(15) 65.22%
Emily Sieg, MD [23-3.78]	(0)	(0)	(5) 21.74%	(18) 78.26%
Beatrice Ugiliweneza, PhD [24-3.63]	(0)	(0)	(9) 37.50%	(15) 62.50%
Susan Harkema, PhD [24-3.75]	(0)	(0)	(6) 25.00%	(18) 75.00%
Alexander R. Vaccaro, MD, PhD, MBA [23-3.70]	(0)	(0)	(7) 30.43%	(16) 69.57%
John Dimar, MD [24-3.54]	(0)	(1) 4.17%	(9) 37.50%	(14) 58.33%
Brian Williams, MD [24-3.75]	(0)	(0)	(6) 25.00%	(18) 75.00%
Nicholas Theodore, MD [24-3.67]	(0)	(0)	(8) 33.33%	(16) 66.67%
Jens Chapman, MD [24-3.63]	(0)	(1) 4.17%	(7) 29.17%	(16) 66.67%
Dean Chou, MD [24-3.71]	(0)	(1) 4.17%	(5) 20.83%	(18) 75.00%
AV Apkarian, PhD [24-3.63]	(0)	(0)	(9) 37.50%	(15) 62.50%
Darrel Brodke, MD [23-3.70]	(0)	(0)	(7) 30.43%	(16) 69.57%
Steven Glassman, MD [22-3.45]	(0)	(1) 4.55%	(10) 45.45%	(11) 50.00%

4. Please elaborate on your previous answers. (7)

No comments

A very well done seminar!

Great information on Non-operative management of SCI, effects of anxiety and depression on outcomes, prevention of secondary injury, robotic spine surgery, treatment of spinal issues in the elderly, brain mechanisms on chronic pain, and geriatric odontoid fractures. Awesome presentation on Epidural Stimulation and Neuromodulation of Spinal Cord Injuries!!

all speakers were excellent

Dr. Brodke was excellent in his presentation of the management of a cervical spine fracture in the elderly

I enjoy listening to other physicians from outlying facilities from different parts of the country!

everything was excellent!

5. Please identify a change that you will implement into practice as a result of attending this educational activity (new protocols, different medications, etc.) (15)

I will incorporate knowledge and techniques

N/A

considering Psychiatric evaluation and behavioural modification options

C2 fx in elderly

I am a clinical neurophysiologist, and this up to date information on the procedures will help me do a better job in the OR.

As a CRRN, I have increased knowledge to share regarding treatments and research related to spinal cord injuries.

Care of Odontoid fractures

Dr. Dimar's update those with spinal infection who would likely respond to antibiotics without surgery and the clear indication when surgery will be needed

Different treatment modalities

Awareness of surgery vs medical management

Robotics

I will likely be quicker to seek repeat imaging following surgical intervention if a patient is being seen in my clinic in this situation

management of sacral tumors

I have better understanding of the subjects discussed.

Changes in spinal cord injury patients in terms of medications started and when

6. How certain are you that you will implement this change?

(22)

Very Certain ⁽⁶⁻
27.27%)

N/A ⁽⁴⁻
18.18%)

Certain ⁽⁸⁻
36.36%)

Maybe ⁽⁴⁻
18.18%)

7. What topics do you want to hear more about, and what issues(s) in your practice will they address? (13)

This course covered many but ASD, Sagittal balance, radiation safety, bone grafting, primary spinal tumors, bone health and physiology

N/A

multimodal spine management

Deformity

Neuromonitoring

scoliosis in adults and adolescents

neuropathy

Dr. Apkarian research on pain management

Interventional therapies

Peripheral nerve surgery, minimally invasive spine surgery.

extradural tumor management

none

8. Were the patient recommendations based on acceptable practices in medicine?

(23)

Yes (23-
100.00%)

9. If you answered No on the question above, please explain which recommendation(s) were not based on acceptable practices in medicine? (3)

N/A

NA

10. Do you think the presentation was without commercial bias?

(23)

Yes (20-
86.96%)

No (3-
13.04%)

11. If you answered No on the above question, please list the topics that were biased? (4)

N/A

SIJ fusion

NA

12. Please provide any additional comments you may have about this educational activity. (9)

Noted above

No other comments

Excellent symposium- Patients are sometimes categorized as addicts though they exhibit addict-like behaviour we as providers should try to adopt a multidisciplinary team approach peri-operatively

Thank you!

Thank you

Very interesting and informative in regards to current practice and what research is hoping to bring forth in this area of medicine in the future.

I would more about the spinal stimulator new developments

I enjoy the programs and hope to attend more virtual programs!

Great program

As one of the participants of this educational activity, we want to encourage you to implement those ideas that were appropriate to your healthcare environment.

This evaluation is confidential and no individual will be identified by this office (Continuing Medical Education and Professional Development). It will only be used for quality improvement.

We look forward to seeing you at future University of Louisville events. Thank you very much.