Date: June 8, 2021 Your Name: Bhavana Yalamuru Manuscript Title: Minimally-invasive Pain Management Techniques in Palliative Care Manuscript number (if known): APM-2020-PCS-04(APM-20-2386)

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials,	XNone	
	medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	xNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_XNone	
4	Consulting fees	XNone	
5		XNone	

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or pending	XNone	
9	Participation on a Data Safety Monitoring Board or Advisory Board	_XNone	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone	
11	Stock or stock options	_XNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone	
13	Other financial or non- financial interests	_XNone	

No conflicts of interest to disclose

Please place an "X" next to the following statement to indicate your agreement:

\_X\_\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:\_\_\_\_\_June 8, 2021\_\_\_\_\_\_Your Name:\_\_Jacqueline Weisbein DO\_\_\_\_\_\_

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		Time frame: Since the initial	planning of the work
1	All support for the present	XNone	
	manuscript (e.g., funding,		
	provision of study materials,		
	medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	None	
4	Consulting fees	None	
		Medtronic	Consultant/Research
		Abbott	Consultant/Research

5	Payment or honoraria for	None	
-	lectures, presentations,	Medtronic	Consultant/Research
	speakers bureaus, manuscript writing or educational events	Abbott	Consultant/Research
6	Payment for expert testimony	None	
7	Support for attending meetings and/or travel	None	
	incettings und/or traver	Medtronic	Consultant/Research
		Abbott	Consultant/Research
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
9	Safety Monitoring Board or	Abbott	Commercial Advisory Board
	Advisory Board	7100000	
10	Leadership or fiduciary role	PSPS	Board Member
	in other board, society,	WIPM	Board Member
	committee or advocacy group, paid or unpaid	ASPN	Board Member
11	Stock or stock options	None	
12	Possint of aquinment	Nono	
12	Receipt of equipment, materials, drugs, medical	None	
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

Clinical research involved with intrathecal pump and spinal cord stimulation.

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\_\_X\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date: June 8, 2021 Your Name: Amy C.S. Pearson Manuscript Title: Minimally-invasive Pain Management Techniques in Palliative Care Manuscript number (if known): APM-2020-PCS-04(APM-20-2386)

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		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	XNone	
		Time frame: past	26 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	
5	Payment or honoraria for lectures, presentations, speakers bureaus,	None Yes	University of Arkansas and the Whistler Anesthesiology Summit for CME presentations

	manuscript writing or educational events		Anesthesia Patient Safety Foundation for social media management services
6	Payment for expert testimony	xNone	
7	Support for attending meetings and/or travel	None	Anesthesia Patient Safety Foundation
8	Patents planned, issued or pending	XNone	
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	Past president, Women in Anesthesiology
11	Stock or stock options	XNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone	
13	Other financial or non- financial interests	XNone	

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\_\_x\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date: June 8, 2021 Your Name: Enas S. Kandil Manuscript Title: Minimally-invasive Pain Management Techniques in Palliative Care Manuscript number (if known): APM-2020-PCS-04(APM-20-2386)

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		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	XNone	
2	Grants or contracts from any entity (if not indicated	Time frame: past _XNone	36 months
3	in item #1 above). Royalties or licenses	XNone	
4	Consulting fees	XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	Invited speaker: Sep 2019 Lidocaine Infusions Coming to a Center Near You. Infusion Nursing Society National Academy, San Diego, CaliforniaInvited Speaker: Nov 2019 Opioid Abuse Management Summit "Developing an Effective and Comprehensive Opioid Management System Across the Health System" Ritz Carlton, Orlando, Florida
6	Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	None	Jan 2019 Department of Defense Congressionally Directed Medical Research Program: Gulf War Illness Research Projects (Adhoc grant reviewer) Nov 2019 Department of Defense Congressionally Directed Medical Research Program: Gulf War Illness Research Projects (Adhoc grant reviewer)
8	Patents planned, issued or pending	None	Patent UTSD.P3601US.P1/ 1001072251 Provisional Patent, Repurposing FDA Approved Drugs for Treatment of Neuropathic Pain Role: Inventor
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone	
13	Other financial or non- financial interests	XNone	

I have no conflicts of interest related to this book chapter to disclose. I have disclosed all compensation related to grant review sessions for DOD, invited speaker Honorarium and approved patent.

Enas Kandil, MD, MSc

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