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ESPS Peer-review Report
Name of Journal: World Journal of Orthopedics
ESPS Manuscript NO: 6977
Title: Pathophysiology, diagnosis, and treatment of intermittent claudication in patients with lumbar canal stenosis
Reviewer code: 00502837
Science editor: Song, Xiu-Xia
Date sent for review: 2013-11-01 09:32
Date reviewed: 2013-11-17 21:45

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[Y] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
compliments for this study on a very debatable and difficult subject

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ESPS Peer-review Report
Name of Journal: World Journal of Orthopedics
ESPS Manuscript NO: 6977
Title: Pathophysiology, diagnosis, and treatment of intermittent claudication in patients with lumbar canal stenosis
Reviewer code: 00722438
Science editor: Song, Xiu-Xia
Date sent for review: 2013-11-01 09:32
Date reviewed: 2013-11-20 06:35

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[Y] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

This is a thorough review of the literature on the subject of nerve root compression and pathophysiology of neurogenic intermittent claudication related to spinal canal stenosis. I suggest that the authors consider to include in their review the work of Shirasaka M which pertinent to the reported subject of study. Shirasaka M et al (BMC Musculoskeletal Disorders, 2008) have studied that the PGE1 derivate improved blood flow in the arteries but did not induce blood stasis in the veins. Their results suggested that the PGE1 derivate might be a potential therapeutic agent, as it improved blood flow in the nerve roots in a canine model of chronic cauda equina compression. These results are in harmony with what is concluded in this paper. Shirasaka M, Takayama B, Sekiguchi M, Konno S, Kikuchi S. Vasodilative effects of prostaglandin E1 derivate on arteries of nerve roots in a canine model of a chronically compressed cauda equina. BMC Musculoskelet Disord. 2008 Apr 8;9:41. doi: 10.1186/1471-2474-9-41. PMID:18394203 Please insert year of publication at reference 42 (2008).

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ESPS Peer-review Report
Name of Journal: World Journal of Orthopedics
ESPS Manuscript NO: 6977
Title: Pathophysiology, diagnosis, and treatment of intermittent claudication in patients with lumbar canal stenosis
Reviewer code: 00505427
Science editor: Song, Xiu-Xia
Date sent for review: 2013-11-01 09:32
Date reviewed: 2013-11-21 22:03

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
The authors are to be congratulated on a very well written article that includes an extensive review of the literature and the potential circulatory disturbance that could play an important role in the mechanism of intermittent claudication in patients with lumbar canal stenosis.

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ESPS Peer-review Report
Name of Journal: World Journal of Orthopedics
ESPS Manuscript NO: 6977
Title: Pathophysiology, diagnosis, and treatment of intermittent claudication in patients with lumbar canal stenosis
Reviewer code: 00741588
Science editor: Song, Xiu-Xia
Date sent for review: 2013-11-01 09:32
Date reviewed: 2013-11-30 16:21

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[Y] Grade C: a great deal of language polishing	[ ] No records	[ ]Rejection
[Y] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[ ] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[Y] Major revision
		[ ] No records	

COMMENTS TO AUTHORS
Is it a review or original article? I have found over-developed part of citing other publications and the main part of the text is only in two paragraphs on the page 15. What exactly the autor would like to convey? That the PGF does not work in a narrow stenosis and it is shown in a small group of patients or he wants to report about up-to-date knowledge in lumbar stenosis problem? But there is a difference in pathophysiology in nerv root compression in the disc herniation cases and the chronic lumbar stenosis ones. I recommend complete revision of the text to highlight the main benefit or aim of the study itself not to express widely accepted theories. The language should be revised by a native speaker to prevent uncertainties and some less skillful formulation.