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PEER-REVIEW REPORT

Name of journal: World Journal of Hypertension

Manuscript NO: 44533

Title: Achieving control of resistant hypertension: not just the number of blood pressure medications

Reviewer's code: 00505382

Reviewer's country: Italy

Science editor: Li-Jun Cui

Date sent for review: 2018-11-14

Date reviewed: 2018-11-14

Review time: 12 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thank you for your review about resistant hypertension. Article is well written and deals with an interesting topic. Article quality could be improved with one figure summarizing the main therapeutic opportunities. Also, pathogenesis section could be



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expanded.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Hypertension

Manuscript NO: 44533

Title: Achieving control of resistant hypertension: not just the number of blood pressure medications

Reviewer's code: 02456031

Reviewer's country: Italy

Science editor: Li-Jun Cui

Date sent for review: 2018-11-14

Date reviewed: 2018-11-15

Review time: 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a quite comprehensive and well written review making the point on the current knowledge about the diagnostic procedures and therapeutic approach to resistant hypertension. When the authors discuss the impact of the white-coat effect and



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white-coat hypertension on RH they must make a distinction between the two terms, which are not interchangeable Please, clarify and detail. Ref.55 regards the new 2018 ESH-ESC guidelines. These and the 2017 ACC/AHA guidelines are the most popular and followed by doctors. However, in the text there is often reference to 2017 ACC/AHA guidelines and not to ESH/ESC. I recommend to add a table summarizing the main diagnostic procedures and therapeutic options indicated by the two guidelines. This will help the reader to summarize the main indications of current guidelines. MAR must be defined at its first occurrence in the text.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ No

BPG Search:

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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Hypertension

Manuscript NO: 44533

Title: Achieving control of resistant hypertension: not just the number of blood pressure medications

Reviewer's code: 03936425

Reviewer's country: Poland

Science editor: Li-Jun Cui

Date sent for review: 2018-11-14

Date reviewed: 2018-11-19

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a review article in which the authors review the current guidelines regarding treatment of resistance hypertension. The most common reasons of true and pseudo-resistance are described. The epidemiology of resistant hypertension is briefly



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characterized. The approach to patient with RH is described in detail such as lifestyle modification, renal denervation, baroreceptor-activation therapy and central arteriovenous anastomosis. Finally, authors focus on possible modifications of pharmacotherapy in patient with resistant hypertension. The topic is of interest and the manuscript is well-written. I have no critical concerns or any suggestions for improvement.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ No

BPG Search:

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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Hypertension

Manuscript NO: 44533

Title: Achieving control of resistant hypertension: not just the number of blood pressure medications

Reviewer's code: 00607640

Reviewer's country: Taiwan

Science editor: Li-Jun Cui

Date sent for review: 2018-11-14

Date reviewed: 2018-11-19

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Patients with resistant hypertension comprise a notable and formidable subset of the hypertensive population. In this article the authors reviewed the optimization of antihypertensive medications with device-based therapies in select individuals in



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helping patients with resistant hypertension achieve blood pressure goals. It is suitable to the Journal and could be helpful in clinic study.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ No

BPG Search:

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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Hypertension

Manuscript NO: 44533

Title: Achieving control of resistant hypertension: not just the number of blood pressure medications

Reviewer's code: 03430151

Reviewer's country: Nigeria

Science editor: Li-Jun Cui

Date sent for review: 2018-11-14

Date reviewed: 2018-11-22

Review time: 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. Page 4 Lines 10-12 should be moved to page 3 to be the first sentence under introduction. 2. Page 5 Line 12: MARs should be MRAs 3. Page 8 Line 2: "..even up to two years after the guideline was published" should be rendered "..even though they



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have been published two years earlier". 4. Page 11 Line 12: Change "regards" to "regard".
5. Authors should mention that common over-the-counter drugs, some common cold remedies and some foods may frequently cause resistant hypertension. 6. References are irregular and some are not according to the Journal format e.g. Refs 7, 10, 11, 14, 19, 21, 28-29, 63, 65, 67-68, 76-79, 82 (no year cited), 84, 88, 94, 97-99, 105-106.

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BPG Search:

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