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ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 10798

Title: Effects of USPSTF guidelines on screening and treatment outcomes for Prostate Cancer

Reviewer code: 00289470

Science editor: Fang-Fang Ji

Date sent for review: 2014-04-20 19:07

Date reviewed: 2014-06-08 18:30

| CLASSIFICATION | LANGUAGE EVALUATION | RECOMMENDATION | CONCLUSION |
|---|--|-------------------------------------|--|
| <input type="checkbox"/> Grade A (Excellent) | <input checked="" type="checkbox"/> Grade A: Priority Publishing | Google Search: | <input type="checkbox"/> Accept |
| <input checked="" type="checkbox"/> Grade B (Very good) | <input type="checkbox"/> Grade B: minor language polishing | <input type="checkbox"/> Existed | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C (Good) | <input type="checkbox"/> Grade C: a great deal of language polishing | <input type="checkbox"/> No records | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D (Fair) | | BPG Search: | <input checked="" type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E (Poor) | <input type="checkbox"/> Grade D: rejected | <input type="checkbox"/> Existed | <input type="checkbox"/> Major revision |
| | | <input type="checkbox"/> No records | |

COMMENTS TO AUTHORS

In this study, the authors provided an excellent review on the role of PSA-based screening for prostate cancer and focused on the many controversies around it, pointing out the discrepancy between recent U.S. guidelines that recommends against it as weak (grade D) recommendation and both patients and physicians, who seem to be rather reluctant to change their minds owing to personal beliefs, cultural differences, as well as time and legal ethical issues. This well written manuscript is of high interest for the uro-oncological community and deserve to be published on World Journal of Translational Medicine. In my opinion, a brief insight on new promising biomarkers (Pro-PSA, pHi, and TMRSS2-ERG) available on the market could be acknowledged too, to improve the quality of the discussion. At pag. 9 (line 3) the term “retrospective” is misleading and need to be clarified.



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ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 10798

Title: Effects of USPSTF guidelines on screening and treatment outcomes for Prostate Cancer

Reviewer code: 02446005

Science editor: Fang-Fang Ji

Date sent for review: 2014-04-20 19:07

Date reviewed: 2014-06-11 00:37

| CLASSIFICATION | LANGUAGE EVALUATION | RECOMMENDATION | CONCLUSION |
|--|--|-------------------------------------|--|
| <input type="checkbox"/> Grade A (Excellent) | <input checked="" type="checkbox"/> Grade A: Priority Publishing | Google Search: | <input type="checkbox"/> Accept |
| <input type="checkbox"/> Grade B (Very good) | <input type="checkbox"/> Grade B: minor language polishing | <input type="checkbox"/> Existed | <input type="checkbox"/> High priority for publication |
| <input checked="" type="checkbox"/> Grade C (Good) | <input type="checkbox"/> Grade C: a great deal of language polishing | <input type="checkbox"/> No records | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D (Fair) | | BPG Search: | <input checked="" type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E (Poor) | <input type="checkbox"/> Grade D: rejected | <input type="checkbox"/> Existed | <input type="checkbox"/> Major revision |
| | | <input type="checkbox"/> No records | |

COMMENTS TO AUTHORS

This is a well written review on a topic which has been poorly analyzed before. My suggestion regards the consideration and the discussion of a recentlt published article on a similar topic : Decision making and prostate cancer, Urol Clin North Am, 2014 by Knight.



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ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 10798

Title: Effects of USPSTF guidelines on screening and treatment outcomes for Prostate Cancer

Reviewer code: 00253931

Science editor: Fang-Fang Ji

Date sent for review: 2014-04-20 19:07

Date reviewed: 2014-06-11 02:12

| CLASSIFICATION | LANGUAGE EVALUATION | RECOMMENDATION | CONCLUSION |
|--|--|-------------------------------------|--|
| <input type="checkbox"/> Grade A (Excellent) | <input type="checkbox"/> Grade A: Priority Publishing | Google Search: | <input type="checkbox"/> Accept |
| <input type="checkbox"/> Grade B (Very good) | <input type="checkbox"/> Grade B: minor language polishing | <input type="checkbox"/> Existed | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C (Good) | <input type="checkbox"/> Grade C: a great deal of language polishing | <input type="checkbox"/> No records | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D (Fair) | <input type="checkbox"/> Grade D: rejected | BPG Search: | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade E (Poor) | | <input type="checkbox"/> Existed | <input type="checkbox"/> Minor revision |
| | | <input type="checkbox"/> No records | <input type="checkbox"/> Major revision |

COMMENTS TO AUTHORS

The article "Effects of USPSTF guidelines on screening and treatment outcomes for Prostate Cancer" submitted by Gunawardena and Aragon-Ching is a timely review and appropriate for an open discussion on why the PSA test should or should not be done. PSA value "> 4 ng/mL" elevated by a number of reasons lights up an orange signal in the life style of patients that confusing the physicians and patients. Authors conclusion that younger patients prefer aggressive treatment and older patients opted for "wait and see" based on evidence-based information from randomized control trial provided by the physician. The mention of probability of having early stage of prostate cancer to patients creates psychological ripples through the minds of younger patients for the preference on aggressive treatments. Asymptomatic or dormant prostate cancer does no harm no doubt but offers no guarantee. The recommendations from RCT on patients are based analysis of data using strict statistical parameters excluding psychological dilemma. "Over- diagnosis" or "over-treatment" is rests in the hands of decisions by the physicians. Moreover, racial factors play a critical role in prostate cancer and should be handled in a separate RCT. The article should include these facts into consideration.



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ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 10798

Title: Effects of USPSTF guidelines on screening and treatment outcomes for Prostate Cancer

Reviewer code: 00505610

Science editor: Fang-Fang Ji

Date sent for review: 2014-04-20 19:07

Date reviewed: 2014-06-13 11:47

| CLASSIFICATION | LANGUAGE EVALUATION | RECOMMENDATION | CONCLUSION |
|---|--|-------------------------------------|---|
| <input type="checkbox"/> Grade A (Excellent) | <input checked="" type="checkbox"/> Grade A: Priority Publishing | Google Search: | <input type="checkbox"/> Accept |
| <input checked="" type="checkbox"/> Grade B (Very good) | <input type="checkbox"/> Grade B: minor language polishing | <input type="checkbox"/> Existed | <input checked="" type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C (Good) | <input type="checkbox"/> Grade C: a great deal of language polishing | <input type="checkbox"/> No records | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D (Fair) | <input type="checkbox"/> Grade D: rejected | BPG Search: | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E (Poor) | | <input type="checkbox"/> Existed | <input type="checkbox"/> Major revision |
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COMMENTS TO AUTHORS

The title implies a discussion on how the USPSTF guidelines has affected screening and treatment outcome - there is no conclusive cause-effect relationship on the basis of these guidelines. The title should better reflect the intent of the article being to examine what has happened post release of USPSTF guidelines. The key randomised controlled trials used to justify a given stance on prostate cancer testing are prone to what aspects are emphasised and presented. For example, in the PIVOT study, it was hugely underpowered and the major of the men were older than usual cohorts and had low risk disease - for many of these patients, we would be much less likely to offer surgery in today's practice environment. Another is the SPCG-4 study where it is criticised for being less relevant as it was carried out in the pre-PSA era but the cohorts now are more representative of who we treat today since we are less likely to treat clinically significant disease. In the table outlining differences between PLCO and EPSPC, a more detailed table would be useful. It could include a line on 'contamination' in the control arm and the frequency of re-testing