Author's response to reviews

Title: Inflammation and Enhanced Nociceptive Responses to Bladder Distension Produced by Intravesical Zymosan in the Rat

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Author's response to reviews:

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To the Editors:

Find accompanying this letter a revised manuscript entitled "Inflammation and Enhanced Nociceptive Responses to Bladder Distension Produced by Intravesical Zymosan in the Rat." We thank the reviewers for their thoughtful comments and have modified the manuscript as they have suggested. We believe it makes it a better paper. We list below in a point-by-point fashion our response to comments and requests by the reviewers.

Response to Reviewer #1

The first sentence of the Abstract-Methods section has been modified.

References related to mycotic infections and zymosan's mechanism of action have been added to the Background section.

Statements related to the purpose of anesthesia, ampicillin and vagal nerve section have been added.

Typical examples of the EMG and ABP responses have been inserted into Figure 2.

Discussions related to noxious and non-noxious levels of stimulation, hyperalgesia and allodynia have been added.

The legend for Figure 1 - panel 1 have been revised to describe the open triangle and circle.

Abbreviations for hr have been made consistent

Distension has been substituted for distention.

Response to Reviewer #2 - none to do

Response to Reviewer #3

The spelling, grammatical and syntax errors have been corrected.

Histology of the bladder following zymosan was not performed, we may consider in future studies.

If any additional information is needed, please let us know.

Timothy Ness MD PhD