

## ANSWERING REVIEWERS



May 05, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 10024-review.doc).

**Title:** Injectable Treatments For Female Stress Urinary Incontinence

**Author:** Bayrak O, Mock S, Dmochowski RR

**Name of Journal:** *World Journal of Clinical Urology*

**ESPS Manuscript NO:** 10024

The manuscript has been improved according to the suggestions of reviewers:

### **Reviewer 1**

**Comments:** The authors performed a comprehensive and well written narrative review on the treatment of female stress urinary incontinence with injectables. The existing literature has been reviewed extensively and has been summarized into a well to read article that is of interest to every clinician willing to use this treatment. I have no major concerns with this ms, however minor revisions are suggested.

**1.** I would suggest the authors to include a M&M section describing the search technique and databases used.

Answer: Regarding to authors valuable comments, we added a "Materials and Methods" section in review.

**2.** I would have also mentioned the crosses-linked HA and dextranomer microspheres (NASHA-Dx - Zuidex? and Deflux?) and Ethylene vinyl alcohol (EVA) copolimers and Dimethylsulfoxyde (DMSO)(Tegress? and Uryx?)

Answer: Regarding to authors valuable comments, we mentioned dextranomer/hyaluronic acid copolymer (deflux) and ethylene vinyl alcohol (EVA) copolimers (Tegress) in "Intruduction" section.

**3.** Among putative mechanism of action that proposed by Klarskov deserves to be mentioned. Using Urethral Pressure Reflectometry, Klarskov concluded "Injection therapy may work by increasing the power of the urethral sphincter. The bulking material may function as additional central filler volume which increase the length of the muscle fiber and thereby the power of the sphincter." (Klarskov N, Lose

**G. Urethral injection therapy: what is the mechanism of action?Neurourol Urodyn. 2008;27(8):789-92.)**

Answer: Regarding to authors valuable comments, we added these statements in “Mechanism of Action” section.

**4. It would be of interest to mention the role (with level of evidence and grade of recommendation) that injectables have in most important national and/or international guidelines (also in a table).**

Answer: Regarding to authors valuable comments, the role of (with level of evidence and grade of recommendation) injectable agents was shown on a “Table” by EAU guidelines.

**5. The best results achieved with surgical therapy and the absence of significant difference in clinical outcomes and complications between different injectables should be highlighted, based also on cochrane systematic review (Keegan PE, et al. Cochrane Database Syst Rev. 2007 Jul 18;(3))**

Answer: Regarding to authors valuable comments, we added these statements in manuscript.

#### **Reviewer 2**

**Comments: This article needs spell check and polishing of grammatical errors. The article also needs appropriate spacing and aligning. Overall, this article summarizes well the utilisation of injectable agents for management of SUI in female patients.**

Answer: Regarding to authors valuable comments, all of paper was analyzed again, spelling and grammar mistakes were corrected. In addition, appropriate spacing and aligning were performed.

#### **Reviewer 3**

**Comments: Well researched topic and it is a very relevant subject. However there are grammatical mistakes in the english and it needs to be revised. I suggest the authors ask a native english speaker to read and revise the manuscript to improve the english language.**

Answer: Regarding to authors valuable comments, all of paper was analyzed again, grammatical mistakes were corrected.

#### **Reviewer 4**

**Comments: We really appreciated the comprehensive narrative review “Injectable treatments for female stress urinary incontinence”. The paper is well written, although a language revision is mandatory. This paper is quite interesting, and the topic is really relevant. I would like to suggest minor revision.**

Answer: Regarding to authors valuable comments, all of paper was analyzed again, grammatical mistakes were corrected.

**- I would like to clarify the indication suggested be the AUA and EAU Guidelines [American Urological Association (2009) Guideline for the Surgical Management of Female Stress Urinary Incontinence: 2009**

Update. Accessed from <http://www.auanet.org/content/media/stress2009- chapter1.pdf>, M.G. Lucas (chair), D. Bedretidnova, J.L.H.R. Bosch, F. Burkhard, F. Cruz, A.K. Nambiar, C.G. Nilsson, D.J.M.K. de Ridder, A. Tubaro, R.S. Pickard EAU Guidelines on Urinary incontinence 2014].

Answer: We arranged the indications suggested by the AUA and EAU Guidelines.

**- I would add a “Materials and methods” section, in order to clarify how the review was performed, with key words, database (MedLine, Embase, Web of Science), limits, flow chart explanation.**

Answer: Regarding to authors valuable comments, we added a “Materials and Methods” section in review.

**- I would add a brief section about previously available urethral bulking agents for SUI like Ethylene vinyl alcohol copolymer (Uryx™) and Hyaluronic acid with dextranomer (Zuidex™).**

Answer: Regarding to authors valuable comments, we added a brief section about previously available urethral bulking agents for SUI like Ethylene vinyl alcohol copolymer and Hyaluronic acid with dextranomer.

**- I would compare the efficacy and results of bulking agents, as reported in “Urethral injection therapy for urinary incontinence in women. Kirchin V, Page T, Keegan PE, Atiemo K, Cody JD, McClinton S. Cochrane Database Syst Rev. 2012 Feb 15;2:CD003881. doi: 10.1002/14651858.CD003881.pub3.**

Answer: Regarding to authors valuable comments, we added a table for this comparison.

**- I would, moreover, add thir recent result of Bulkamid: Efficacy and safety of Bulkamid in the treatment of female stress incontinence: A randomized, prospective multicenter North-American study.Sokol ER, Karram MM, Dmochowski R.J Urol. 2014 Apr 2. pii: S0022-5347(14)03211-X. doi: 10.1016/j.juro.2014.03.109.**

Answer: Regarding to authors valuable comments, we commented the result of this recently study in

A large, stylized handwritten signature in black ink, appearing to read 'F. O. Meyer'.