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**Name of Journal:** *World Journal of Dermatology*

**ESPS Manuscript NO:** 27632

**Manuscript Type:** Original Article

### Response letter

Since we didn't receive any specific comments from peer-reviewers, the revised document is according to the editor comments only:

1. Pages 1-2: add all missing data:
  - a. Name of Journal: **World Journal of Dermatology**
  - b. Manuscript Type: **Observational Study**
  - c. Running title: **Multi-CORE: new age in RF**
  - d. Authors: **Cruzy Tagger , Inna Belenky, Viora Inc., 392 Summit Avenue, Jersey City, NJ 07306, USA**
  - e. Author contributions: **Cruzy Tagger and Inna Belenky contributed equally to this work. Inna Belenky wrote the manuscript.**
  - f. Conflict-of-interest statement: **Both authors, Inna Belenky and Cruzy Tagger are employees in Viora Company that manufactures the RF system used in the study. However, both authors did not receive any additional financial or other benefit / interest due to this study or publication. All data provided in the study is original and not modified.**
  - g. **Data Sharing**
  - h. Informed consent statement: **All study participants provided informed written consent prior to study enrollment.**
  - i. Correspondence to: **Inna Belenky, PhD, Clinical Director, Viora Inc., 392 Summit Avenue Jersey City, NJ 07306, USA, [inna@vioramed.com](mailto:inna@vioramed.com), Tel: +972-54-2315266, Fax: +972-9-9551345**
2. Institutional review board statement – we didn't obtain any Institutional review board statement since the study performed with approved for market technology and with approved application. We didn't investigate any new intervention.
3. Page 3: add the "Abstract", "Key words" and "Core tip".

4. Page 4: change the following sentence after cross-check: "Non-invasive procedures based on different modalities such as high intensity focused ultrasound energy (HIFU), radiofrequency (RF), infrared light (IR), cryolipolysis, low-level laser therapy (LLLT), cavitation ultrasound, etc.[1-9] in their principle indicated to induce natural lipolysis and reduce fat volume"
5. Page 5: change the following sentence after cross-check: "The main advantage of a multi-polar handpiece is the ability to cover a much larger treatment area in one pulse, which in most cases leads to faster heating of the treated tissue and its ability to deliver homogeneous distribution of the heat"
6. Page 5: found one misspelling - "three-polar" was changed to "tri-polar".
7. Page 5-18: after SD add symbol "±"
8. Page 5-10: "Kg" changed to "kg"
9. Page 5: add explanation to CORE - Channeling Optimized RF Energy
10. Page 6: change the following sentence after cross-check: "V-FORM handpiece has 4 levels of RF power (up to 50W), 4 levels of vacuum pressure intensity (up to 500 mbar) and 4 operational modes (Mode I-IV) with three RF frequencies: 0.8, 1.7 and 2.45 MHz and additional operation mode which includes all three RF frequencies"
11. Page 7: change the following sentence after cross-check: "A skin impedance measurement was conducted according to Ohm's law, in which the impedance was derived from the peak voltage detected during the "test pulse" of the V-FORM handpiece after the electrodes came in touch with the skin"
12. Page 7: change the following sentence after cross-check: "Circumferential measurements were performed using the same tape measure tool at the same points on the treated area"
13. Page 7: change the following sentence after cross-check: "BMI (Body Mass Index) was calculated according to standard guidelines, where weight in kg (Kilograms) is divided by height in square meter. The body height and weight were measured according to a standardized protocol where patients are requested to stand without shoes and heavy outer garments for the measurement [12]. The calculation of BMI conducted during the enrollment meeting and four weeks after the last treatment "
14. Page 7-8: change the following sentence after cross-check: "Clinical photographic assessments were recorded twice: (1) during enrollment meeting (before the first treatment) and (2), four weeks after the last treatment."
15. Page 8: change the following sentence after cross-check: "Finally, the treating personnel were asked to record and immediately report any adverse event or unexpected side-effects."
16. Page 8: change the following sentence after cross-check: "For statistical analysis all tests were performed using Microsoft Excel 2010. In total, ten patients

- were included in the statistical analysis since two patients didn't complete the treatment course. Descriptive analysis was performed on the treated group and the number of valid cases for each test, minimum and maximum values, mean and standard deviation (SD), correlations between two values (CORREL) and percentage were calculated."
17. Page 8: we didn't change the following sentence after cross-check, since this is common phrasing: "A moderate positive correlation was found between the patient's age and BMI (correlation coefficient 0.54)."
  18. Page 11-12: add "COMMENTS"
  19. Page 14-16: add PMID and DOI number
    - a. Reference 2 (Zachary et al) - PMID is not available since this is an abstract from conference
    - b. Reference 5 (Emilia del Pino et al) - DOI is not available
    - c. Reference 12 (Molarius et al) - PMID and DOI are not available since it's taken from website
  20. **Biostatistics** - we didn't perform any biostatistics and therefore we didn't supply any Biostatistics statement. We used simple statistical tools such as average, minimum and maximum values.
  21. **CrossCheck** - we didn't use the suggested iThenticate program since we didn't have a license for this program. Instead we used one that we usually use the "Plagiarism Checker X" <http://plagiarismcheckerx.com/>