Author's response to reviews

Title: Different biomarkers values in hair after chronic crack exposure in adults and children

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Author's response to reviews: see over
Author's covering letter for submission

Title: Different biomarkers values in hair after chronic crack exposure in adults and children

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Dear Editor:

Through the electronic submission system of the Journal, we have uploaded the manuscript entitled "Different biomarkers values in hair after chronic crack exposure in adults and children ", which is submitted for the consideration of the Journal of Medical Case Reports.

Over the past two decades, chronic cocaine and crack cocaine exposure in pediatrics has been focused on the potential adverse effects especially in prenatal period and early childhood. Non-invasive biological matrices have become an essential tool for assessment of long-term history of drug of abuse exposure. Data from our case and after reviewing previous poisoning cases published and based on our group experience, we can conclude that with similar chronic exposures matrices from children show higher biomarkers values of cocaine in hair and they have more serious deleterious acute effects, probably depending on a different and slower cocaine metabolism. Consequently, children must be not exposed to second hand crack smoke under any circumstance.

Neither the entire paper nor any part of its content has been published previously or is being submitted to another journal.

All authors have seen and approved the uploaded paper.

We appreciate very much your attention to this submission.

Sincerely yours,

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Authors’ contribution

EP, was the main contributor in writing the manuscript. XJ, was an important laboratory technician in biomarkers analyses, and contributed in writing the manuscript. MV, analyzed the mother-infant data, reviewed the literature and the final manuscript, and contributed in writing the manuscript. EC, was the main laboratory technician in biomarkers analyses. PM, analyzed the mother-infant data, and was a contributor in writing the manuscript. MB, analyzed the mother-infant data, and was the statistical expert. OV, was the paediatrician responsible for coordination of data, and contributed in writing the manuscript. OGA, analyzed the mother-infant data, reviewed the literature, and was a major contributor in writing the manuscript.

All authors have seen and approved the final manuscript.

Competing interests

The authors declare that they have no competing interests.