

The manuscript is well-written and organized, it concisely presents a model for better understanding of somatic symptom disorders and thereby better therapeutic approaches application. However, few minor corrections can be helpful as suggested below:

1- For keywords, I suggest the addition of “somatic symptom disorders”, “bodily distress disorder”, “Mealy Model”.

We added the suggested keywords.

2- In the paragraph just above fig 2, there are extra space and also extra bracket. Please, check for it.

We removed the space.

3- For fig 2, can you improve resolution of the figure so that words inside boxes can be very clear.

I already sent the ppt. with all the text in text boxes.

4- For the following section “If an information d in Fig. 2 is generated by the information c , it is simultaneously present as a quantity at the output of the upper layer and thus as a quantity f at the lower layer”, I think it should be “Fig. 3” not “Fig. 2”.

This has been changed.

5- For equation 1 and 2, can you elaborate more about parameter D_i .

We added an explanation.

This article presents an inter-disciplinary analysis of factors that should be considered to understand and develop therapies for somatic symptom disorders. Specifically, the authors propose the use of simulation models that can characterize the complexities of psychic transformations at an individual level for understanding the disease and to develop treatments. While the article tries to present a case study with somatic disorder and discusses the development of the disease through psychological and biological perspectives before presenting modeling aspect, it felt directionless at various points as there is no clear objective defined in the introduction. Further, the different sections and sub-sections of the

article are not clearly marked, so it is very hard to read. There are sentences that seem incomplete or lack continuity and have grammatical errors. The language needs to be simplified and made more concise. The language is very informal at many instances. Examples: "The central feature of the former definition, the one that in somatoform disorder the symptoms are not explained by physical causes, has been changed" "Treatment approaches always raised discussions, due to the complexity of the problem" – the language is very informal here. "However, at the core of the problem, and promoting somatoform disorders, are dysfunctional affect regulation abilities and attachment patterns, caused by early experiences, even more in vulnerable persons with genetic predisposition, and multigenerational transmission of attachment and affect regulation have been investigated" – this sentence does not make sense. "To conclude, affect regulation is linked to the attachment pattern and socially transmittable" – what does socially transmittable mean here? "also with parents' controlling or even haunting overprotection and over care" – haunting overprotection? What does haunting overprotection or over care mean? What is the fourth narcissistic offense? No definition is presented. "This implies the acceptance of limitations, narrowness," – what do you mean by narrowness in this sentence? "the need of a developmental adequate classification has been highlighted" – what do you mean by adequate classification here? Affect regulation is discussed in the paragraph even before the section: "Development of affect-regulation" Figure 1: The caption should explain what is going on in the figure. The way it is presented the concepts are vague and does not add value to the discussion. Figure 2: The text within the boxes is not legible. Figure 3: Nothing is readable. The image is very small. The description of mealy model is not at all clear and the language used is very confusing.

The manuscript reviewed by a native speaker, and figures are revised.