Impact of the micro nutriments' deficit on the functional disorders for diabetic menopause women

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Introduction and objective of the study:

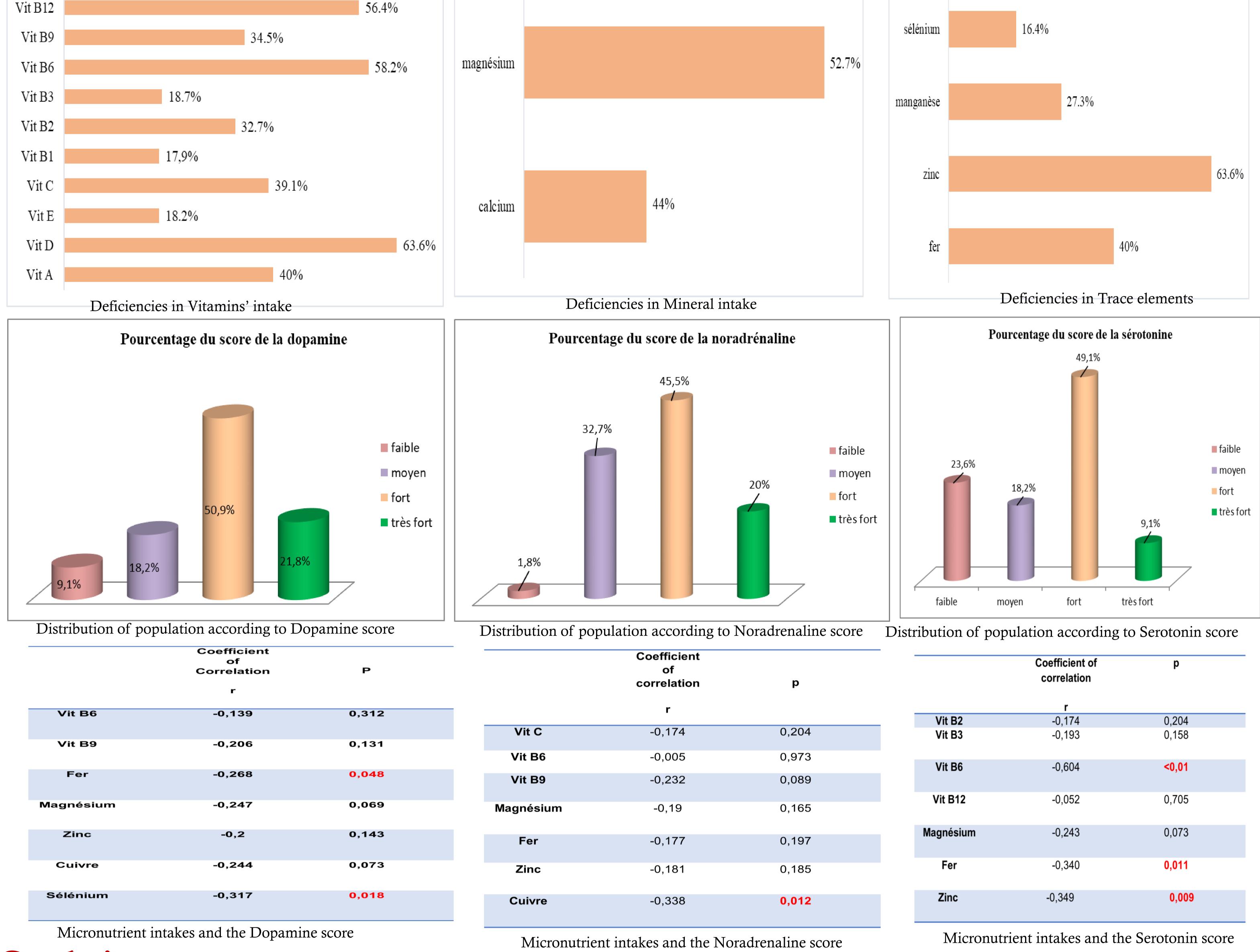
- ❖ Menopause can contribute to a variety of functional disorders such as fatigue, mental health disorders and sleeping problems. This is mainly due to a deficit in neurotransmitters' synthesis, which can be explained by a frequent micronutrient deficiency during this stage of life for women.
- ❖ The aim of this study is to detect the micronutrients' insufficiency for diabetic menopause women and study its impact on the functioning of the brain.

Methods:

❖ It consists of a transversal descriptive study elaborated within the National Institute of Nutrition of Tunis. This study included 100 diabetic menopause patients. They went through a dietary survey. Patients answered to a DNS questionnaire (Dopamine/ Noradrenaline / Serotonin) that have been approved by the European Institute of Dietetics and Micro nutrition to measure the impact of food on brain functioning.

Results:

- \clubsuit The average age of the study population was around 63.67 \pm 6.52 years old.
- \clubsuit The average duration of diabetes is around 11.64 \pm 5.73 years old.



Conclusion:

It is crucial to detect the micro nutritional deficit from diabetic menopause women and to satisfy their micronutrient needs, by a diversified diet to assure an optimal functioning of the brain.