

2<sup>nd</sup> International Conference on  
**GLOBAL HEALTHCARE AND NUTRITION**

November 17-18, 2022 | Paris, France

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## **TITLE: Validation of FACES-IV in Spanish (Mexico), in a first level health care unit.**

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### **ABSTRACT**

The family is the basis of society to shape emotional, physical and social development for which instruments for measuring family functioning have been developed.

**Objective:** To validate the FACES-IV instrument in the Mexican population of the state of Puebla.

**Material and methods:** A validation study of the FACES-IV instrument was carried out, its translation into Mexican Spanish was carried out, evaluated by a panel of super experts. An observational, longitudinal, prolective and descriptive statistical design was applied to a sample of 620 patients. The variables were sociodemographic, flexibility, cohesion, family satisfaction and family communication. Internal consistency, content and construct validity were calculated using the validity model used in FACES-III in Spanish (Mexico). **Results:** Mean age 35.08 years; female gender with 56.29%; predominantly undergraduate education 39.68%; outstanding marital status married 43.80%; main occupation employees 36.62%. The translation and

cultural adaptation of the FACES-IV instrument were obtained, the reliability obtained through the CAC for the balanced scales = .83; unbalanced scales = .78; communication = .92 and satisfaction = .92, also met eight out of twelve criteria for validation, which gives it reliability and validity. **Conclusion:** The scale showed a factorial structure similar to the original instrument, leaning towards the theoretical foundation of translation and cultural adaptation, however, with four limitations based on the global evaluation of the FACES-IV validity model. Aware of the limitations, it is essential to manage FACES-IV to other locations of the country.

### **BIOGRAPHY**

I'm Dr. Minhoru Castillo, a medical specialist in Family Medicine from UPAEP, Puebla. Medical Surgeon by UNAM, Mexico. I'm the main author of the publication Validation of FACES-IV in Spanish (Mexico). I'm currently working in the emergency service in primary care of the IMSS and in the school medical care service in the SEP.

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