



# ASEAN Journal of Psychiatry

- An Official Journal of the ASEAN Federation of Psychiatry and Mental Health (AFPMH)

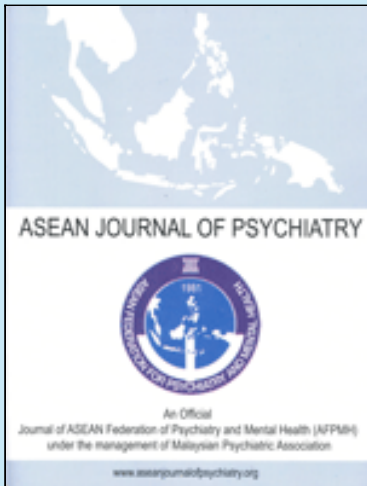
Kuala Lumpur, Malaysia



[Home](#) | [Log In](#) | [Register](#) | [Scope](#) | [Author Guidelines](#) | [Editorial Board](#) | [Reviewers](#) | [About AFPMH](#)

[Current Issues](#) | [Past Issues](#) | [President's Message](#) | [Editor-in-Chief's Message](#) | [Journal Policy & Ethics](#)

Home > Vol 12, No 1 (2011) > **Igbokwe**



**ISSN 2231-7805 (In Print)**  
**E-ISSN 2231-7791**

## JOURNAL CONTENT

Search

All

Search

## Development And Validation Of The Brain Fag Propensity Scale

*David O. Igbokwe, Bolanle A. Ola*

### Abstract

#### Objective:

Brain Fag Syndrome (BFS) is a psychiatric disorder associated with study among African students. Among secondary school students, it affects two to four out of every ten students. One of the consequences of this illness is early foreclosure of education in affected students. However, clinical experience suggests that many students have sub-threshold symptoms of brain fag and are at risk for developing brain fag syndrome. This study aimed to develop a valid and reliable psychometric instrument that measures brain fag syndrome propensity.

#### Method:

External and internal expert panels as well as a patient focus group evaluated a large pool of potential item stems gathered from the psychological and psychiatric literature. Potential scale items were then administered to 250 students along with a set of validating questionnaires. Final item selection was based upon rigorous empirical

Font Size:

### AUTHORS / REVIEWERS LOGIN

Username

Password

Remember me

[Not a user? Register here](#)

FONT SIZE



Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)



[Register for FREE email news alert](#)

#### WEBSITE STATISTICS

#### MYCITE JOURNAL CITATION REPORT

> Yearly Impact Factor	0.184
> 5-Year Impact Factor	0.115
> Immediacy Index	0.037
> Cited Half-life	1.4
> H-index	2
> Quartile	
> Social Sciences	Q1
> Medical & Health	Q1

validating questionnaire. Final item selection was based upon rigorous empirical criteria and the psychometric properties of the final scale were examined.

#### Results:

A final four dimensional 20-item scale, the Brain Fog Syndrome Propensity Scale, has a Cronbach's alpha of 0.795, split half reliability of 0.813 for the part 1 (10 items) and 0.585 for the part 2 (10 items), and spearman-Brown coefficient of 0.557. The intrinsic validity yielded a coefficient of 0.892.

#### Conclusions:

The current results indicate the BFPS has an excellent internal consistency as well as good content and concurrent validity and should have significant utility as a brief, valid measure of propensity to develop brain fog syndrome or sub-threshold cases of BFS. ASEAN Journal of Psychiatry, Vol.12(1), Jan - June 2011: XX XX.

[www.ASEANjournalofpsychiatry.org](http://www.ASEANjournalofpsychiatry.org)



[Click for Health Minister's Speech](#)

#### Indexation of the Journal



PsycINFO

EBSCO







Lehigh University Library Services  
Pennsylvania, USA



Islamic World Science  
Citation Center (ISC)

