

**Job Code:** EDI0000  
**Manuscript title:** XXXX XXXXX  
**Date filled:** XX-XX-XXXX

**Note:** Add notes in case client instructions were not followed or if you'd like to draw the client's attention to any aspect of your review.

## SCIENTIFIC VALIDITY

### Study Design

#### 1. Is the study approach consistent with research objective?

Yes  No  NA

##### Problem identified

*The research objective was to investigate the association between abstinence prognosis and various statuses in pathological gamblers. There are several problems with the operational definition of abstinence in this study. Abstinence was defined only with respect to the one month period of assessment, and it is known that gambling addiction is "transient and episodic"...*

##### Action recommended

*It is recommended that standard definitions of abstinence and relapse from the literature be used and groups not be grouped together. Further attempts to evaluate all the subjects should be made. Major revision and rethinking of the research design is needed...*

##### Relevant manuscript text (optional)

*The present study tested the impact of Pg-LPS infection on the expression level of key proteins supporting foam cell formation, namely CD36, LOX-1, ACAT1 and ABCG1.*

##### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor

#### 2. Are the samples chosen appropriate?

Yes  No  NA

##### Problem identified

*It is not clear how the outcome was determined—chart review or self-report? Was the history obtained from the medical chart obtained by someone who was blinded to the abstinence outcome?...*

##### Action recommended

*The author should describe in detail in the manuscript Introduction why these particular methods were used and then describe in detail what each parameter stands for.*

##### Relevant manuscript text (optional)

*For quantitative outcome measures using repeated measures analysis of variance (mixed-effects model) for processing...*

##### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor

#### 3. Is the study missing any experimental controls?

Yes  No  NA

##### Problem identified

*Positive controls are desirable for in vivo experiments. Since the authors test an anti-inflammatory activity of CSB, a known anti-inflammatory drug (such as rolapram) could have been used.*

##### Action recommended

*If the authors have data on positive controls for at least some experiments they could be included.*

##### Relevant manuscript text (optional)

*Reconsider interpretation of the data on changes in uric acid, taking into account the differences in renal function changes seen in Groups A and B and Groups C and D.*

##### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor

## Reporting Guidelines and Ethics

### 4. Is the article compliant with the appropriate reporting guidelines or checklist (STROBE, CONSORT, STARD, MOOSE, etc.)?

Yes  No  NA

#### Problem identified

Using STROBE criteria: Insufficient background information/rationale and description of setting, participants, variables, bias, statistical methods, and reasons for non-participation/handling of loss to follow-up. Questionable interpretation of results.

#### Action recommended

No mention of study protocol approval by local institution review board OR of patient consent. The authors also do not make it clear whether the study was done prospectively or...

#### Relevant manuscript text (optional)

It is assumed that for the emotional process related to Aad, it is highly possible that the recipient's response in the form of the emotion generated...

#### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor

### 5. Is appropriate research ethics information (consent, ethical approval, patient anonymity) provided?

Yes  No  NA

#### Problem identified

No mention of Informed consent obtained in writing.

#### Action recommended

No clear mention of informed consent is included.

#### Relevant manuscript text (optional)

Written informed consents from all subjects need to be included. Instead of patient's family, mention that the consent was obtained from patients' parents or guardians.

#### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor

## Reporting of Methods

### 6. Has the sample been adequately described (number, inclusion and exclusion criteria, etc.)?

Yes  No  NA

#### Problem identified

Although subject characteristics are presented, there is very little information about inclusion/exclusion criteria. Consecutive adult outpatients over a specific 3-year period were used as subjects; however, the final sample size is very small (and we don't know how many consecutive outpatients there were in this time period).

#### Action recommended

Revise the manuscript to include the details about the case study. Mathematical equations can also be replaced, where appropriate, with graphical representations, i.e. of different data distributions.

#### Relevant manuscript text (optional)

The ankle brachial index (ABI) and toe brachial index (TBI) were measured by the same specially trained technician using the American Vista AVS Peripheral Vascular Diagnostic System...

#### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor

### 7. Are the methods described in enough detail such that they can be replicated by other researchers?

Yes  No  NA

#### Problem identified

1) Quantitative evaluation of CIA (see above) is not described.  
 2) It is also unclear whether the CSB treatment was performed according to prophylactic or therapeutic model, i.e., whether animals were treated before or after full manifestation of CIA (8 weeks). It is especially confusing, since in RT-PCR section it is stated "After the mice were killed, the arthritic joints of 5 mice from each treatment group in the therapeutic dosing model were removed", implying that there was another treatment model used.

#### Action recommended

Provide details for all the points mentioned alongside.

#### Relevant manuscript text (optional)

DEHB diagnosis is determined by the specialist in child and adolescent psychiatry, according to DSM-IV criteria.

#### Nature of revision

Essential-Major  Essential-Minor  
 Optional-Major  Optional-Minor