

Dear Editor

Many thanks for having considered our manuscript 17761

“Indocyanine green (ICG) kinetics to assess liver function: ready for a clinical dynamic assessment in major liver surgery?” for the publication on World J of Hepatology

Please find attached the new amended file (in black, first) and the old one with corrections in red (the second)

We want to warmly thanks the two reviewers for their suggestions and the patience they had in reviewing the manuscript.

We have try to answer the comments of the two reviewers and we have readapted the paper, we hope, according to thier suggestion

Reviewer 1

Reviewed by 00069693

Manuscript Number	17761
Manuscript Title	Indocyanine green (ICG) kinetics to assess liver function: ready for a clinical dynamic assessment in major liver surgery ?
Review Time	2015-04-22 10:26

**Comments To
Authors**

The authors write properly and completely clinical applications resulting from the indocyanine green kinetics (ICG) in the evaluation of liver function, especially with regard to its application in major liver surgery. However, for an article that concludes that are needed controlled and randomized clinical trials to incorporate this test in clinical practice, the authors could reduce the article content, removing some technical data detailing the kinetic of ICG. I suggest to the authors provide the technical data only necessary for the understanding of the potential clinical utility of the test.

We have tried to reduce the article removing old papers . I dare ask, however , to keep the technical notes as they are , since we have found many times confusion on specific items we have tried to point out and clarify.

Reviewer 2

Reviewed by 02861019

Manuscript Number 17761
Manuscript Title [Indocyanine green \(ICG\) kinetics to assess liver function: ready for a clinical dynamic assessment in major liver surgery ?](#)
Review Time 2015-03-25 23:33

**Comments To
Authors**

Dear Editor, I really appreciate the complete and precise review entitled "Indocyanine green (ICG) kinetics to assess liver function : ready for a clinical dynamic assessment in major liver surgery ?" in which Dr. Andrea DeGasperi et al. clearly describe all (recent and not) evidences of clinical applications of ICG clearance. My first observation is the great quality of the entire manuscript; in my poor opinion, the entire manuscript is quite long and could be shortened in order to highlight recent clinical application. Based on my clinical experience (as hepatologist and not as surgeon) I suggest to include also a chapter on the application of ICG clearance and ICG 15' retention test in patients with compensated and decompensated cirrhosis; since most of post-surgical decompensation are due to the underlying presence of portal hypertension and parenchymal dysfunction, ICG-based non-invasive diagnosis of clinically significant portal hypertension, severe portal hypertension and esophageal varices in patients with compensated disease is a key issue [Lisotti A et al. Hepatology 2014; Zipprich A et al. Gut 2010; Stauber RE et al. Liver Int 2009].

We have considered the suggestions kindly given by reviewer 2: we have included a short part on ICG and portal hypertension: we have included, as proposed, the work of Lisotti et al. The paper written by Zipprich et al was already present in the bibliography and we have tried to use it for further comments

Andrea DeGasperi

Ernestina Mazza

Manlio Prospero