

We thank the reviewers for their comments and the editor for giving us the opportunity to submit a revised manuscript. The manuscript has been modified accordingly and our response to the comments is as follows:

Reviewer(s)' Comments to Author:

All corrections in the main text have been highlighted in **red color**.

Reviewer: 1

Congratulations for such a comprehensive and well-structured scientific material that focuses on an ever so important aspect of the iatrogenic lesions during laparoscopic cholecystectomies, a topic that is going to take the center stage for many years to come, despite all the advances in diagnostic tools and therapeutic algorithms developed. Moreso, this paper focuses on an even more underreported but equally important aspect of vascular injuries in LC, something that is less common amongst scientific materials published that only address the problem of biliary duct lesions.

Only minor aspects need addressing:

Observations:

IN TITLE:

Please include in the title whether this paper is a literature review or a personal surgical experience.

Answer: we included in the title that this manuscript is a minireview on this topic.

IN INTRODUCTION:

Page 3, Line 6, Column 9 [...] overview [...]

IN INCIDENCE AND RISK FACTORS

Please specify what database was interrogated (PubMed, etc), the types of scientific material (articles, cohort studies, guidelines, etc.) and timespan.

Answer: many thanks for your suggestion, we have specified which database was used, the types of studies and the relative timespan.

Page 3, Line 11, Column 74

[...] Table 1 [...] Please format this as a proper table, not as a item-based list; also, please provide the citing papers that indicate each item as being a risk factor and, if possible, the level of confidence for that particular claim.

Answer: we have modified the Table 1 providing also reference in each item considered as risk factor for vascular injury.

[...] Figure 1 [...]

In the legend of Figure 1 please also indicate what studies are citing that particular disposition of the Cystic Artery, for each variant.

IN FIGURE 1 LEGEND

Please also indicate what studies are citing that particular disposition of the Cystic Artery, for each variant.

Answer: we have indicated in Figure 1 legend the studies citing each anatomical disposition of the cystic artery.

Suggestions:

The authors should also consider this paper that addresses the complex management of iatrogenic lesions during LC: <https://pubmed.ncbi.nlm.nih.gov/34650633/>

Answer: thank you for your suggestion. We have considered this paper and added it to reference list.

Reviewer: 2

The authors conducted a comprehensive minireview of vascular injury during laparoscopic cholecystectomy. This topic is important and interesting. The manuscript is well-written and addresses several important issues.

Here are some major concerns and questions:

1. The authors may summarize or do a new classification of vascular injury during laparoscopic cholecystectomy rather than only listing the existing classifications already presented.

Answer: many thanks for your grateful comments. We have summarized the proposed classifications for vascular injury during laparoscopic cholecystectomy in Table 2 and we have also added a new one.

2. The "vasculo-biliary injury" section is too short. More information should be provided such as the timing of repair (vessel or bile duct first or simultaneous), the repair techniques, and the prognoses of different type injuries.

Answer: the "vasculo-biliary section" was deepened with more informations concerning the timing of biliary and vascular repair, the surgical technique and the prognosis of the different type injuries.

3. The "CD: common duct" in figure 1 legend should be "CBD: common bile duct".

Answer: this was correctly modified in the Figure 1 legend.

4. More references published in five years should be cited instead of those beyond this time frame.

Answer: we added more references published in the last five years.

5. The language quality is grade B. Please visit the following website for the professional English language editing companies that the journal recommend: <https://www.wjgnet.com/bpg/gerinfo/240>

Answer: the English quality was improved by a professional language editing company (American Journal Experts, AJE).