

Accepted Manuscript

The status of augmented reality in laparoscopic surgery as of 2016

Sylvain Bernhardt, Stéphane A. Nicolau, Luc Soler,
Christophe Doignon

PII: S1361-8415(17)30017-8
DOI: [10.1016/j.media.2017.01.007](https://doi.org/10.1016/j.media.2017.01.007)
Reference: MEDIMA 1222



To appear in: *Medical Image Analysis*

Received date: 10 March 2016
Revised date: 16 January 2017
Accepted date: 23 January 2017

Please cite this article as: Sylvain Bernhardt, Stéphane A. Nicolau, Luc Soler, Christophe Doignon, The status of augmented reality in laparoscopic surgery as of 2016, *Medical Image Analysis* (2017), doi: [10.1016/j.media.2017.01.007](https://doi.org/10.1016/j.media.2017.01.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- We review the state of the art about laparoscopic augmented reality with 270+ recent references.
- We highlight that most methods consist in a static registration followed by augmentation updates.
- We propose a clear classification of all methods and weigh pros and cons for each of them.
- This survey is comprehensive and self-contained thanks to various backgrounds on related topics.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4953430>

Download Persian Version:

<https://daneshyari.com/article/4953430>

[Daneshyari.com](https://daneshyari.com)