

Certificate of English Language Editing



Manuscript Title:

Combined cesarean delivery and repair of acute type A aortic dissection at 34 weeks of pregnancy during COVID - 19 outbreak: A case report

Date of Revision:

October 01, 2020

Abstract:

BACKGROUND: Since the outbreak of the coronavirus disease 2019 (COVID - 19) pandemic, the exclusion of a patient from COVID-19 should be performed before surgery. However, patients with acute type A aortic dissection (ATAAD) during pregnancy can seriously endanger the health of either the mother or fetus that requires emergency surgical treatment.

METHODS: A 38-year-old woman without Marfan syndrome was admitted into the hospital because of chest pain in the 34th week of gestation. She was diagnosed as an acute type A aortic dissection involving an aortic arch and descending aorta via aortic computed tomographic angiography. The patient was transferred to the isolated negative pressure operating room in one hour and underwent cesarean delivery and ascending aorta replacement. All medical staff adopted third-level medical protection measures throughout the patient transfer and surgical procedure.

RESULTS: The patient and infant recovered uneventfully.

CONCLUSION: The results indicated that the procedure we used is feasible in patients with a combined cesarean delivery and surgery for Stanford type-A acute aortic dissection during the COVID-19 outbreak, which was mainly attributed to rapid multidisciplinary consultation, collaboration, and quick decision-making.

This document certifies that the manuscript listed above was copy edited for proper English language at LetPub. All of our language editors are native English speakers with long-term experience in editing scientific and technical manuscripts. We are committed to leveling the playing field for researchers whose native language is not English.

- Neither the research content nor the authors' intended meaning were altered in any way during the editing process.
- Documents receiving this certification should be considered ready for publication where language issues are concerned.
However, the authors may accept or reject LetPub's suggestions and changes at their own discretion.
- If you have any questions or concerns about this edited document, please contact us at support@letpub.com



LetPub is an author service brand owned and operated by Accdon LLC. Headquartered in the Boston area, we are a full-spectrum author services company with a large team of US-based certified language and scientific editors, ISO 17001 accredited translators, and professional scientific illustrators and animators. We advocate ethical publication practices and are an official member of the Committee on Publication Ethics (COPE).

For more information about our company, services, and partnership programs, please visit www.letpub.com.

© 2020 Accdon, LLC. All Rights Reserved. Tel: 1-781-202-9968 Email: info@accdon.com Address: 400 Fifth Ave, Suite 530, Waltham, MA 02451, United States