

## Peer Review File

**Article Information:** <http://dx.doi.org/10.21037/cdt-20-486>

Replies to Reviewer A

Specific Comments

Comment 1: Some typo such as mmyelogenous need to revise.

Reply 1: the typo “mmyelogenous” was modified as “myelogenous”

Changes in the text: we have modified our text as advised (see Page 2, line 19)

Comment 2: This manuscript will need professional English revision.

Reply 2: the manuscript has been professional revision by two English-speaking cardiologists.

Changes in the text: we have modified our text as advised (see Page 2, line 12-22; Page 3, line 25-49; Page 4, line 50-70; Page 5, line 74-97; Page 6, line 98-121; Page 7, line 122-128; Page 7, line 139-140; Page 9, line 173-176; Page 9, line 186-196).

Comment 3: Please provide the normal value of laboratory tests or explain these indices (increase or decrease).

Reply 3: we have modified our text as advised to explain the indices of laboratory tests, rather than quote the raw figures in the text.

Changes in the text: we have modified our text as advised (see Page 4, line

51-54 ;Page 4, line 62-63; Page 4, line 68-70; Page 5, line 74-76;Page 5,line 88-91).

Comment 4: In the discussion, please cite and discuss with other published studies and cases instead of repeat the case.

Reply 4: we have modified our text as advised.

Changes in the text: we have modified our text as advised (see Page 7, line 129-140).

#### Replies to Reviewer B

##### Specific Comments

Comment 1: The two figures (Fig1A, B) didn't show the branches of both lower pulmonary arteries. Please provide a multi-plane reconstruction(MPR) image of the pulmonary artery to show the branches of both lower pulmonary arteries. Seek help from a radiologist to reconstruct the PA.

Reply 1: we have added another two figures (Figure 1E-F) in Figure 1 to show he branches of both lower pulmonary arteries. The three-dimensional reconstruction of pulmonary artery was also added in Figure 1G.H.

Changes in the text: see Page 14 line 289.

Comment 2: The coronary artery CTA (A-F) didn't show the complete view of left and right coronary arteries and distal branches. Whether there were multiple occlusions of the RCA distal branches. Seek help from a radiologist to reconstruct the coronary CTA.

Reply 2: The coronary artery CTA (A-F) and three-dimensional reconstruction (G, H) has showed complete occlusion of initial segment of the right coronary artery, without any atherosclerosis or stenosis in the left coronary artery and its branches. With the help of radiologist, it was still unable to reconstruct the coronary CTA, because the original images had been covered over two years, and was unable to use for reconstruction in the system.

Change in the text: none.

Comment 3: Please provide color Doppler ultrasonography of both lower extremity veins to show a left lower extremity DVT.

Reply 3: we have added two figures of color Doppler ultrasonography of left lower extremity veins in Figure 1A; B. In addition, we only performed a color Doppler ultrasonography of the left lower extremity veins, rather than both lower extremity veins, on the day of admission.

Changes in the text: see Page 14 line 289.