

Reviewer 1

1. On line 93 P2 hyperthyroidism seems to be an error. Line 122-124 can be simplified.

Reply: The phrase "line 93 P2 hyperthyroidism" has been changed to "Accentuated P2 Heart Sound". Unnecessary content has been removed from lines 122-124.

2. After line 130-Need to mention what happened to the patient, what procedure you did, post op course and outcome.

Reply: Thank you for your suggestion. We have added the patient's decision and treatment plan after line 130.

3. Also need to mention other modality of therapies as combined heart lung transplant, though may not be applicable in patients with DS.

Reply: We added a discussion on alternative treatment options (such as heart-lung combined transplantation) in line 119.

4. Place the arrow in the figures in the area of significance.

Reply: Thank you for your suggestion. We have corrected the position of the arrow in the image.

Answer to Journal editor-in-chief

1. Numerous grammatical errors to be fixed

Reply: We have submitted the manuscript to the recommended editing company for polishing.

2. Give a brief account of patient's presentation/diagnoses and outcome in abstract. I see it has been vaguely written in case summary section of the abstract

Reply: We have included a more detailed account of the patient's presentation, diagnoses, and outcome in the case summary.

3. Better echocardiography images to be provided. No mention of detailed echocardiogram findings:- Chamber enlargement and ventricular hypertrophy, regurgitant lesions, PA pressures.

Reply: We have replaced with clearer cardiac ultrasound images and provided more detailed descriptions of chamber enlargement and ventricular hypertrophy, regurgitant lesions, and pulmonary artery pressures.

4. What is the educational value of the index case? This is not an uncommon scenario in Cardiology clinics

Reply: This case highlights the discussion and educational value surrounding the decision to undergo surgery in complex congenital heart diseases. The educational value lies in the diagnostic and therapeutic approaches demonstrated by our team. Furthermore, due to the relatively common occurrence of this condition in cardiology, our decision-making process holds significant value and applicability. We have also emphasized these points in the Core Tip section of the manuscript.