

Nidhish Tiwari, MD, FACP, FACC, FASE.

Assistant Professor of Medicine,
Albert Einstein College of Medicine.
Associate Director of Cardiology,
North Central Bronx Hospital.
Consultant Cardiologist,
Jacobi Medical Center.
Bronx, NY. USA.

Phone : 646 408 7740
Cell : 347 735 2962
Fax : 888 588 2920
Email: Nidhish.Tiwari@nychhc.org

Dear Reviewer #00233953

Thank you for the comments.

Dear Reviewer #03722832,

We highly appreciate your comments. Indeed the title is Newer echocardiographic techniques for *aortic valve* imaging and we have also included left ventricle (LV) imaging studies (but only in connection & conjunction with aortic valve diseases) to emphasis the fact that prognosis in AV is not limited to the valve itself but also contributed by the state of LV which can and should be identified early in the disease process. For example in AS cases, it is the LV function which determine the flow across the similar degree of obstruction and determines the prognosis (eg Low flow vs high flow category). In case if AR, apart from being symptomatic, it is LV dilatation and function which determines the need for surgery as per the current ACC/AHA guidelines (Class I). We felt that description of AV alone will not be sufficient for the holistic evaluation of spectrum of Aortic valvular disease.

We were very thorough in our search and took utmost precautions in minimizing bias. Since this is not a systematic review or meta-analysis and there was no statistical methodology involved to alter or drive the conclusions, we felt that placing a PRISMA checklist in the article itself will not be appropriate for this narrative review.

Dear Reviewer #01204088

Thank you for the comments. Figure 1 has been updated with different colors for the respective arrows. Figure 2 legends have been expanded to make it more understandable. Abbreviations have been added in the list.

Dear Reviewer #00227375

Thank you for your comments.