

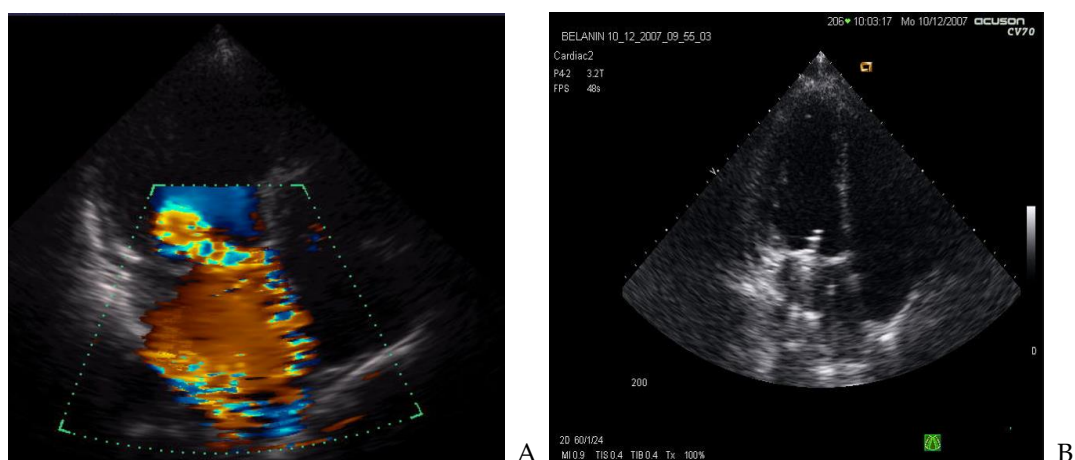
## New Technique in Assessment of Heart Chambers Remodeling in Acquired Mitral Valve Defects

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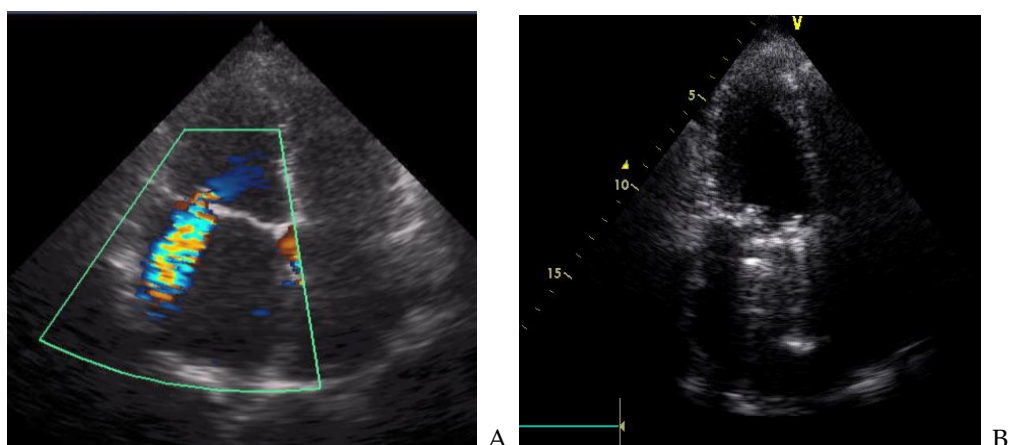
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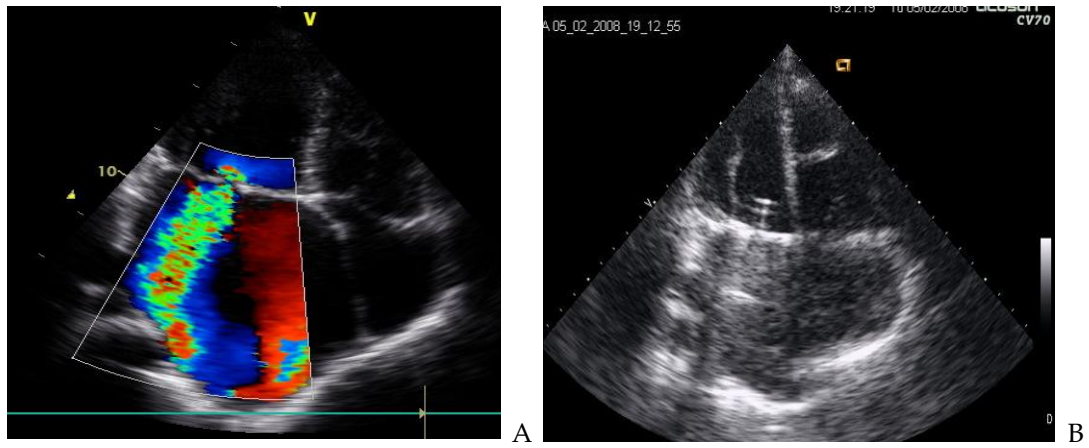
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**Figure S1.** Type I remodeling (mild) - favorable prognosis (IRV 0.8-2.0). Patient with acute infectious endocarditis and 3d degree regurgitation: pre-operative IRV - 0.8 (Figure S1A); post-operative IRV - 1.4 (Figure S1B).



**Figure S2.** Type II remodeling (moderate) - moderately favorable prognosis (IRV 0.8-0.5). Patient with mitral valve stenosis and 2d degree regurgitation: pre-operative IRV - 0.6 (Figure S2A); post-operative IRV - 0.9 (Figure S2B).



**Figure S3.** Type III remodeling (severe) - poor prognosis ( $IRV < 0.5$ ). Patient with mitral valve stenosis and 3d regurgitation: pre-operative  $IRV = 0.3$  (Figure S3A); post-operative  $IRV = 0.5$  (Figure S3B).