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The “ingredients” to accurate evaluation of “organic” and functional Mitral Regurgitation

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Mechanism

- « Organic » MR
 - Degenerative, myxomatous disease
 - Rheumatic disease
 - Calcific disease
 - Endocarditis
- Primary valve disease, secondary LV involvement

Mechanism

- Functional MR:
 - Primary LV disease
 - Secondary MV insufficiency
 - Volume overload accelerates underlying cardiac remodeling
 - Treatment unclear

Case presentation



MR mechanism

- Will guide therapeutic decisions
- Will put quantification in perspective
- Sometime MR can't simply be dichotomized into functional or organic
 - Comprehensive description is needed
 - Identify the main mechanism if possible