

Unable to do treadmill? Just walk.

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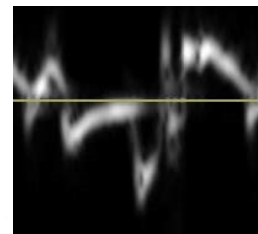
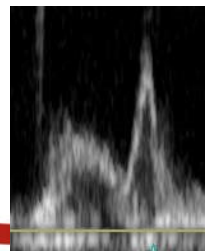
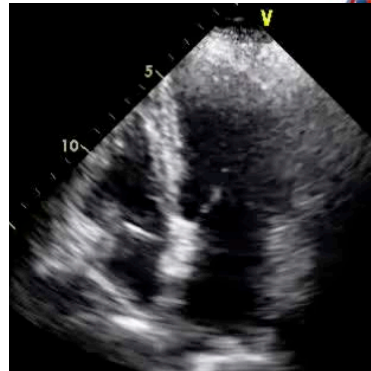
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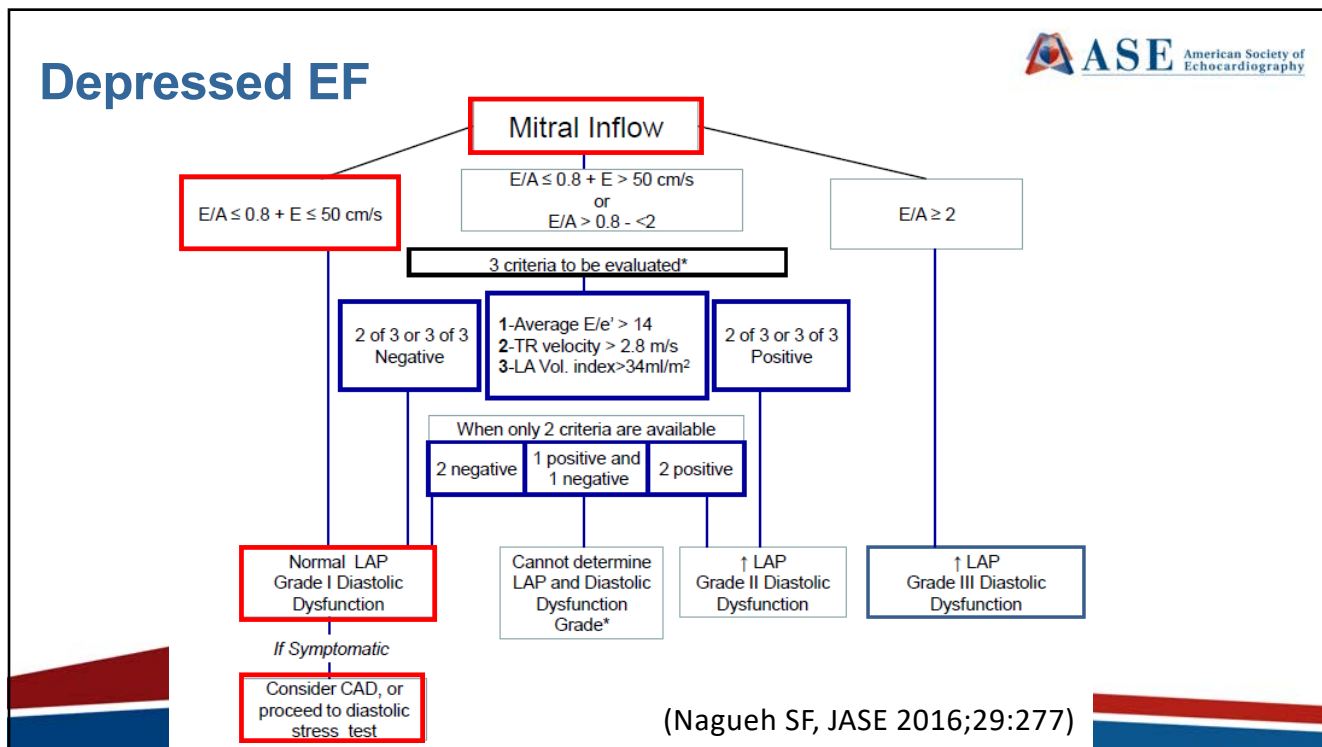
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79 yo, female

- **Dyspnea on exertion**
- **Hx of hypertension, DM and obesity**
- **Knee osteoarthritis**
- **Echo**
 - LVEDD / ESD=52 / 41 mm
 - EF 41%
 - LAVi 36 mL/m²
 - E/A 38/64=0.59
 - Septal e' 5.17
 - E/e' 11.9
 - TRPG 27 mmHg



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3

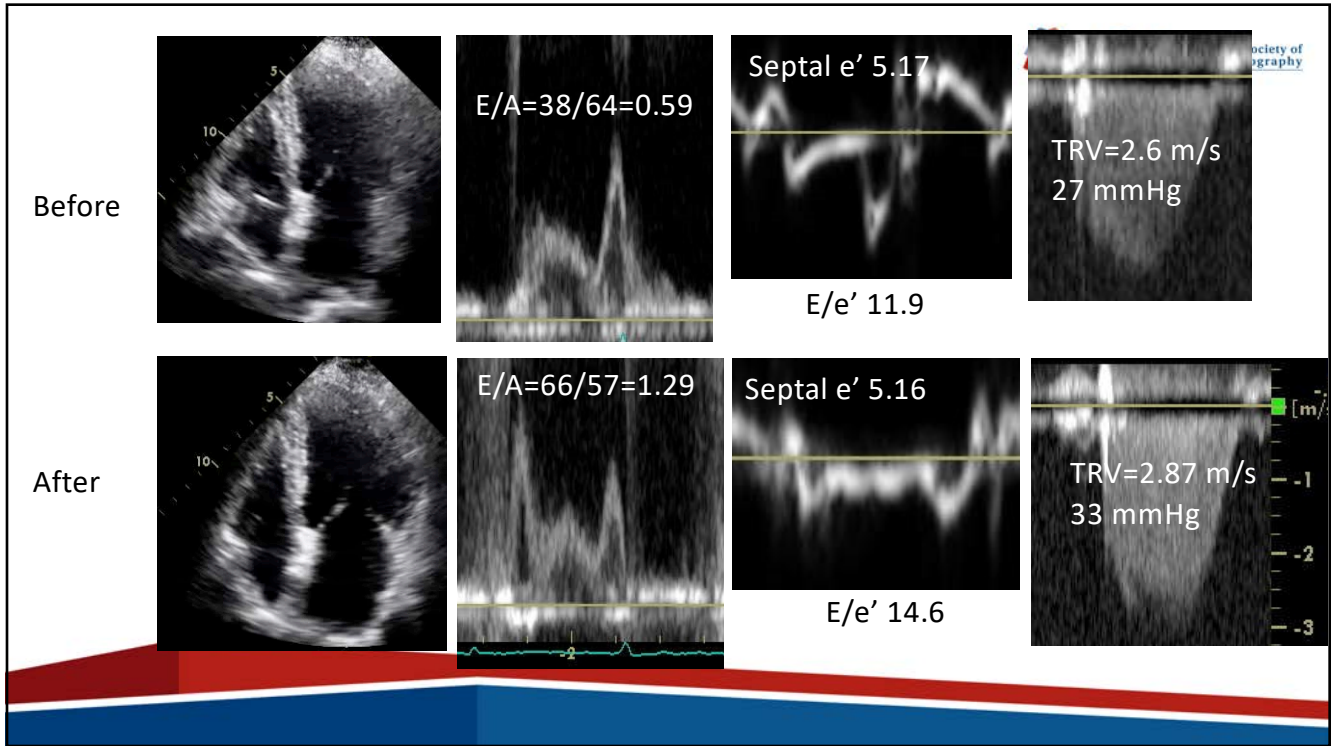
Exercise echocardiography

She could not do a treadmill test because of her osteoarthritis of the knee.

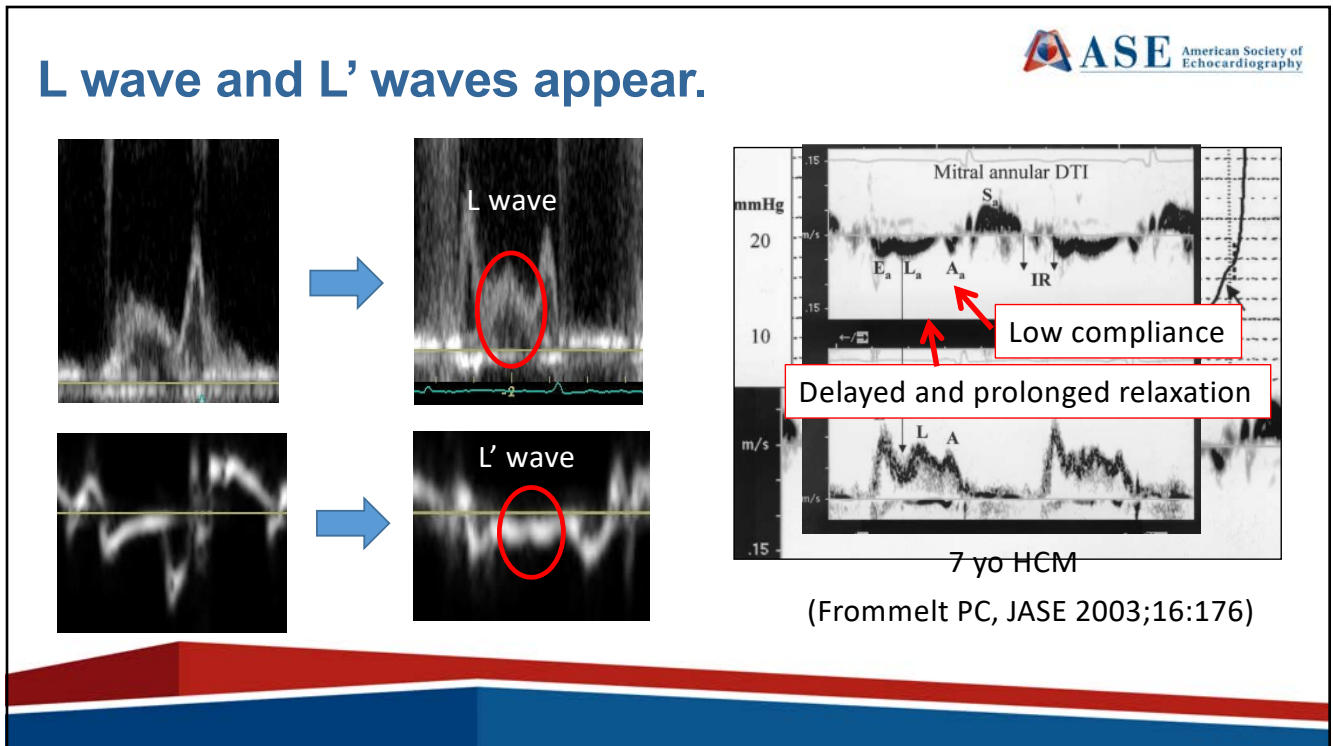
Walking exercise was performed.

She stopped walking after 2 minutes because of dyspnea.

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Take home message



- **Walking test is useful for a patient who is unable to do a treadmill test.**
- **L wave and L' wave appeared after exercise are signs of significant diastolic dysfunction and may be useful to consider treatment.**

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