

Fallvorstellung Lungenembolie

Dr. med. Stephanie Dörflinger
Kardiologie KSBL Liestal



Herr L. 62j

Vorstellung NFS

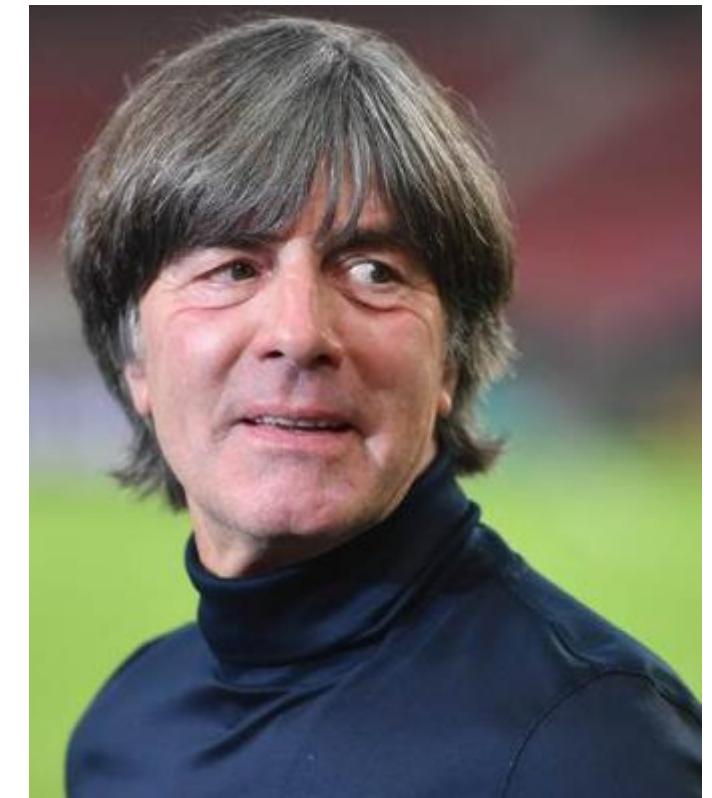
- Plötzliche Dyspnoe und Thoraxschmerzen

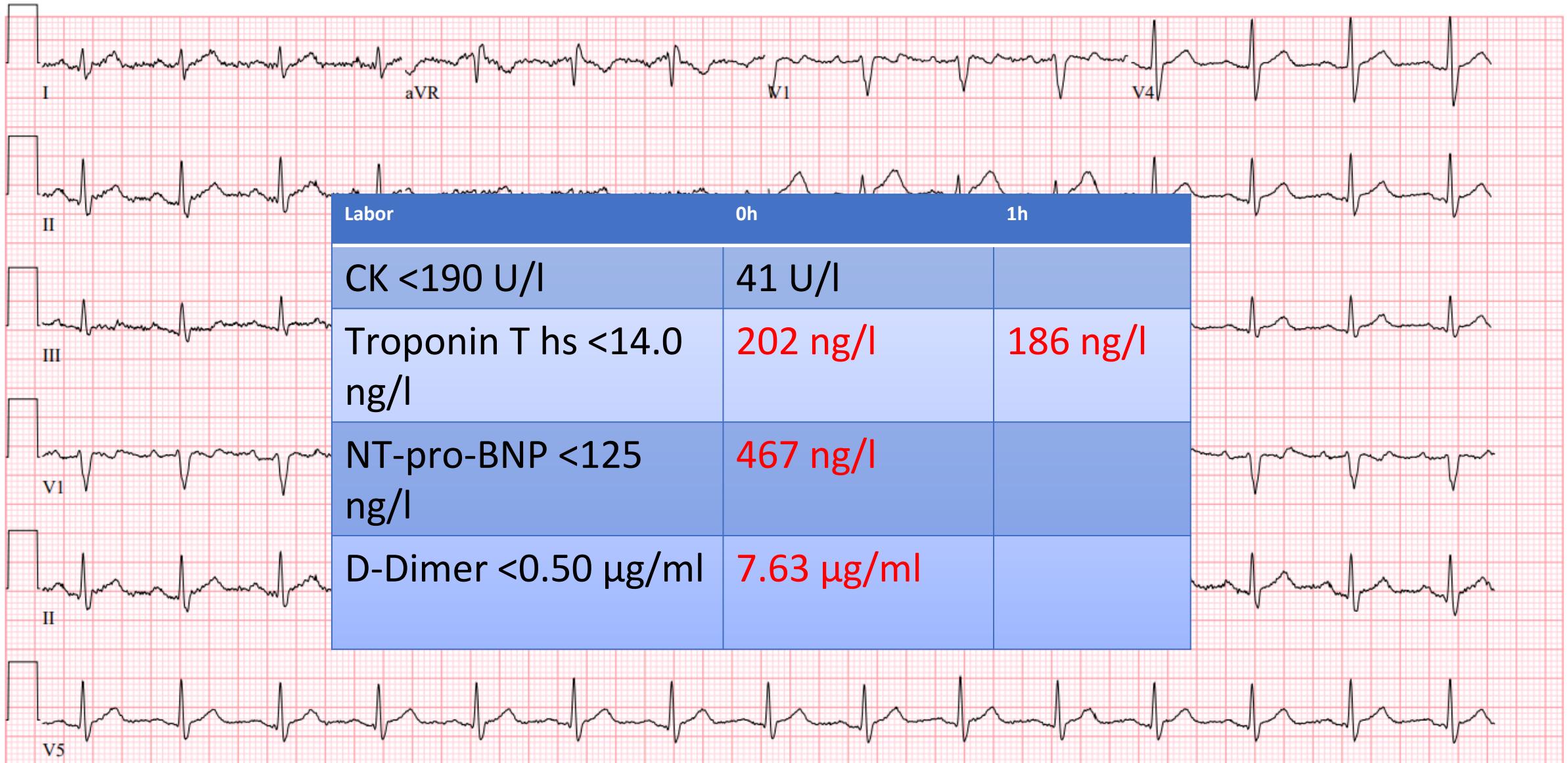
Diagnosen

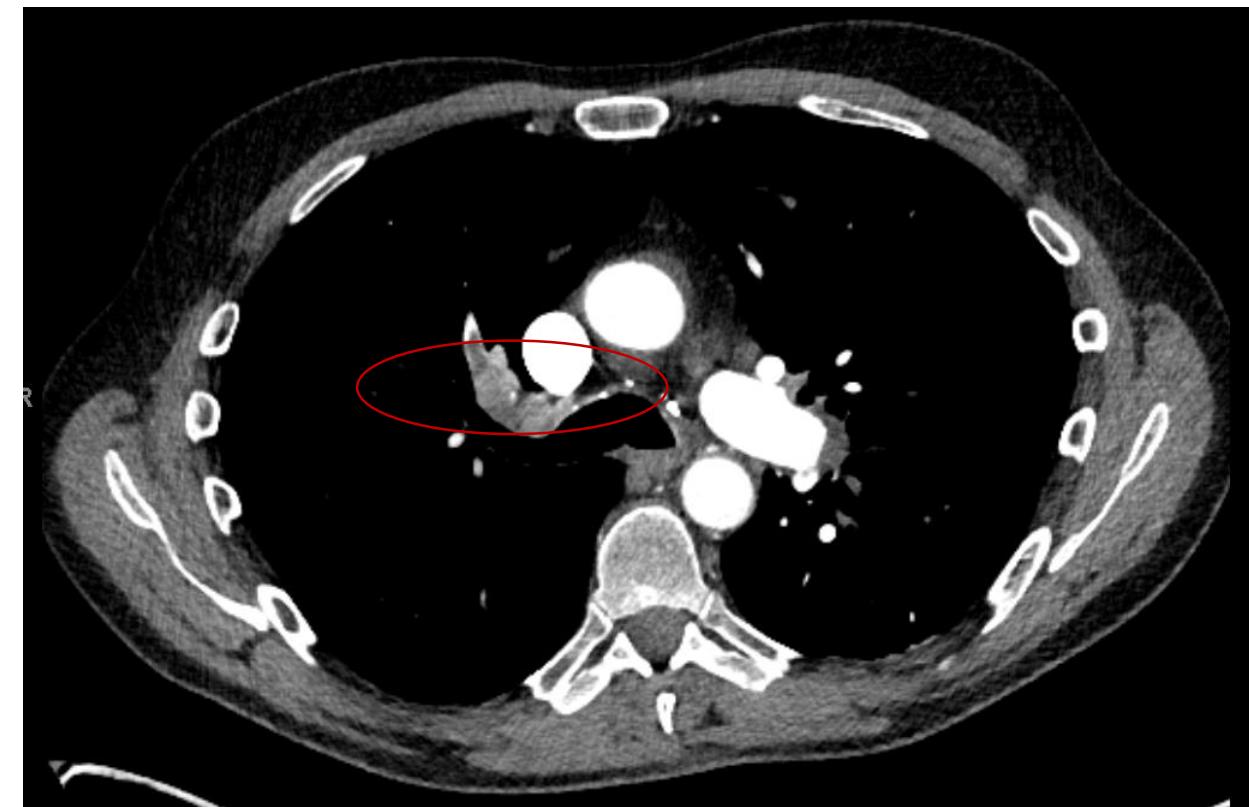
1. Koronarsklerose

- cvRF: keine

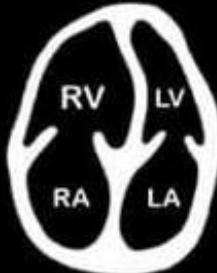
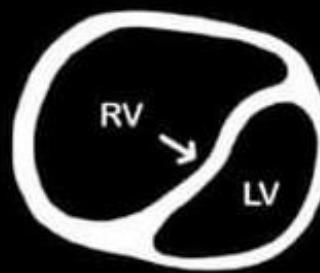
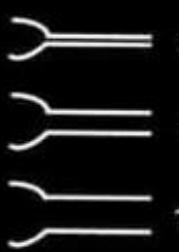
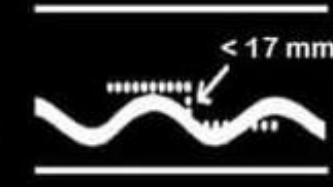
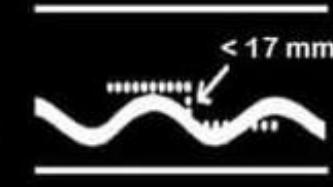
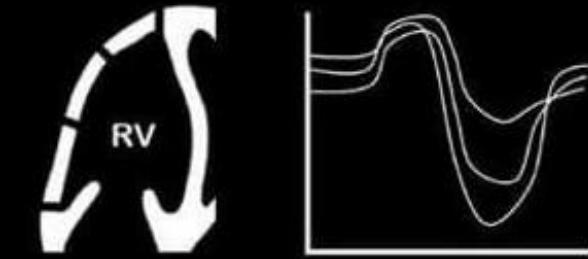
2. GERD



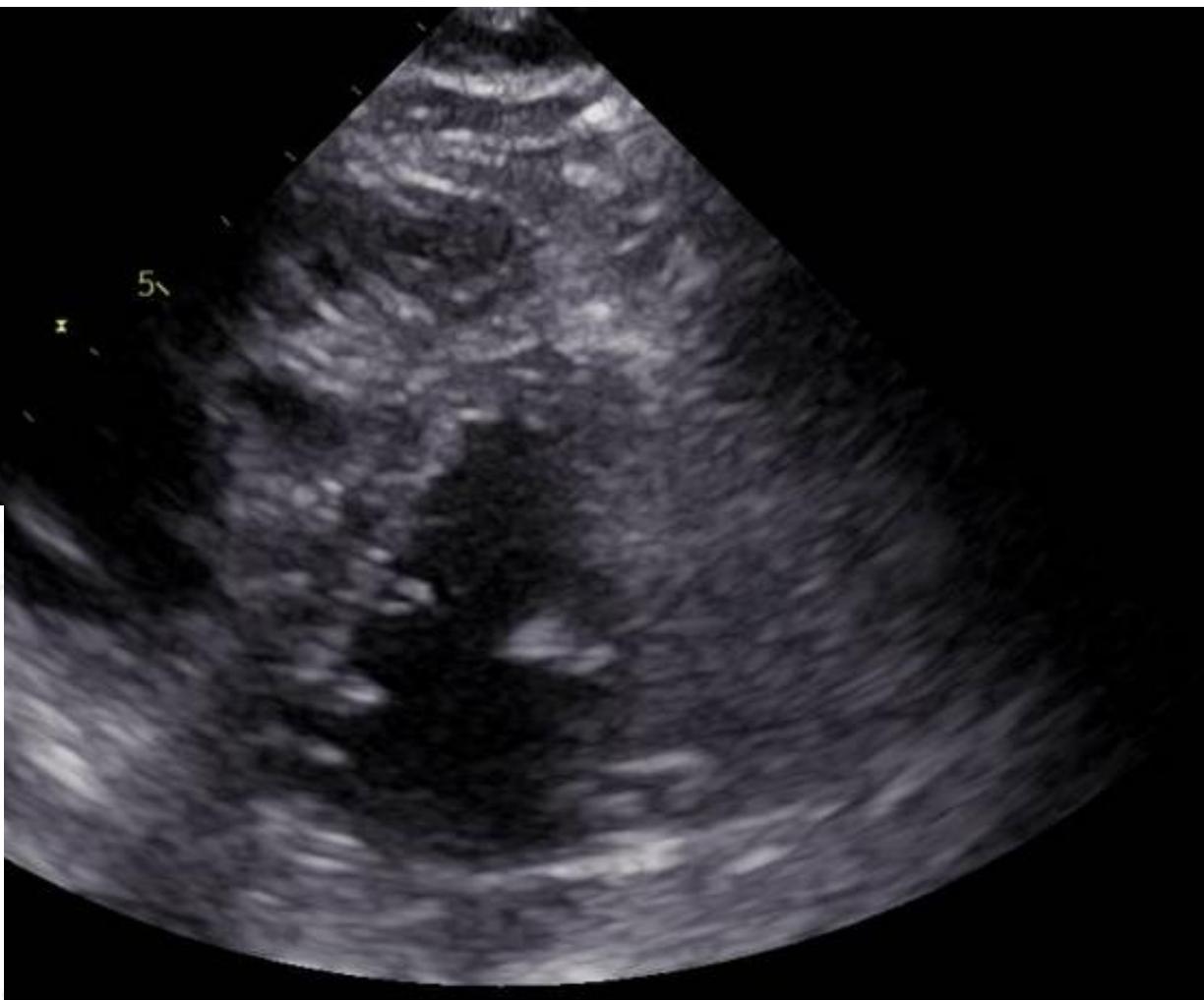
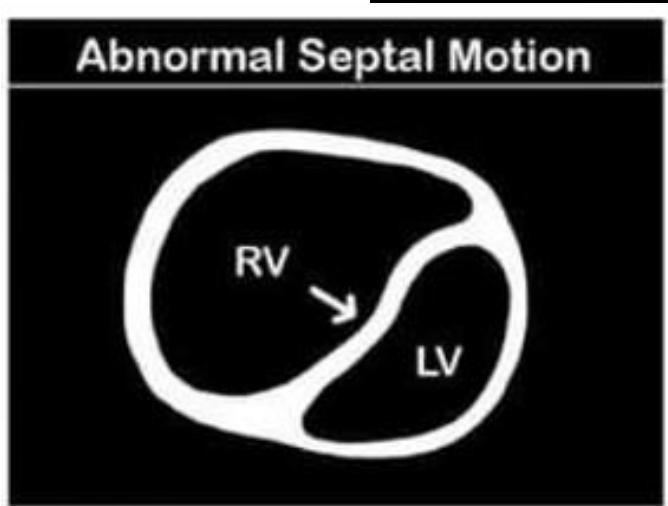
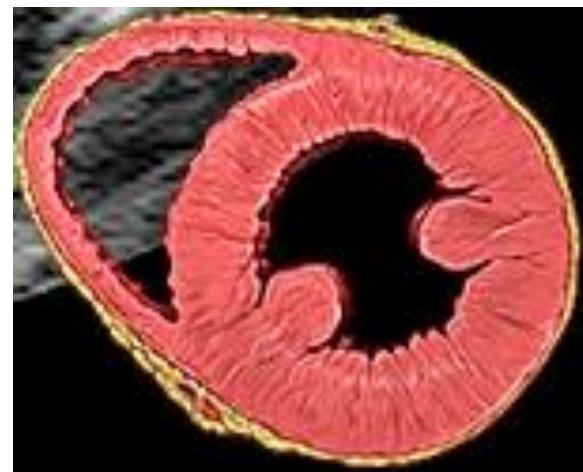


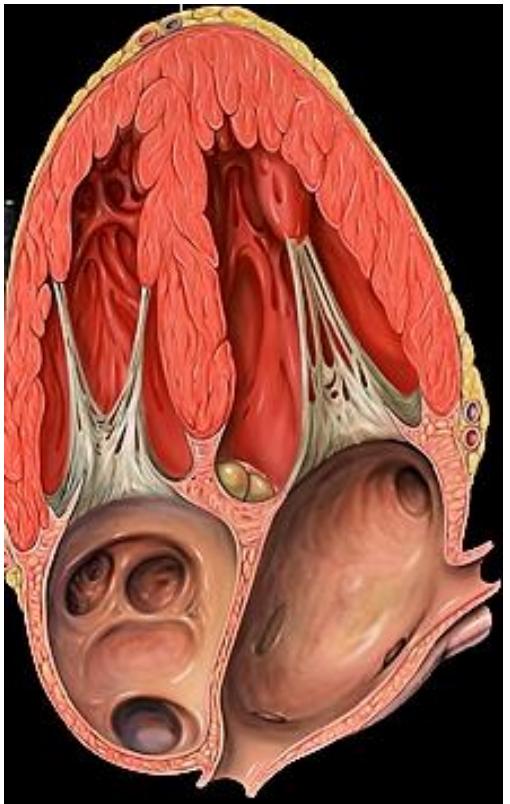




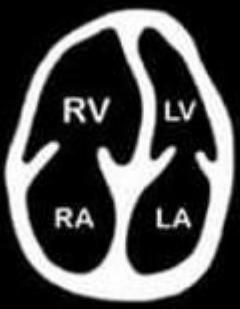
| Increased RV:LV Size Ratio | Abnormal Septal Motion | McConnell's Sign | Tricuspid Regurgitation |
|---|---|---|---|
|  |  |  |  |
| Elevated Pulmonary Artery Systolic Pressure | Decreased TAPSE | Decreased S' | |
|    $\text{PASP} = (4 \times \text{TRV}_{\text{max}}^2) + \text{RAP} > 35 \text{ mmHg}$ |   |   |   |
| Pulmonary Artery Mid-Systolic Notching | 60/60 Sign | Speckle Tracking: Decreased Free Wall Strain | |
|  |   $(4 \times \text{TRV}_{\text{max}}^2) < 60 \text{ mmHg}$ $\text{PAAT} < 60 \text{ ms}$ |  | |

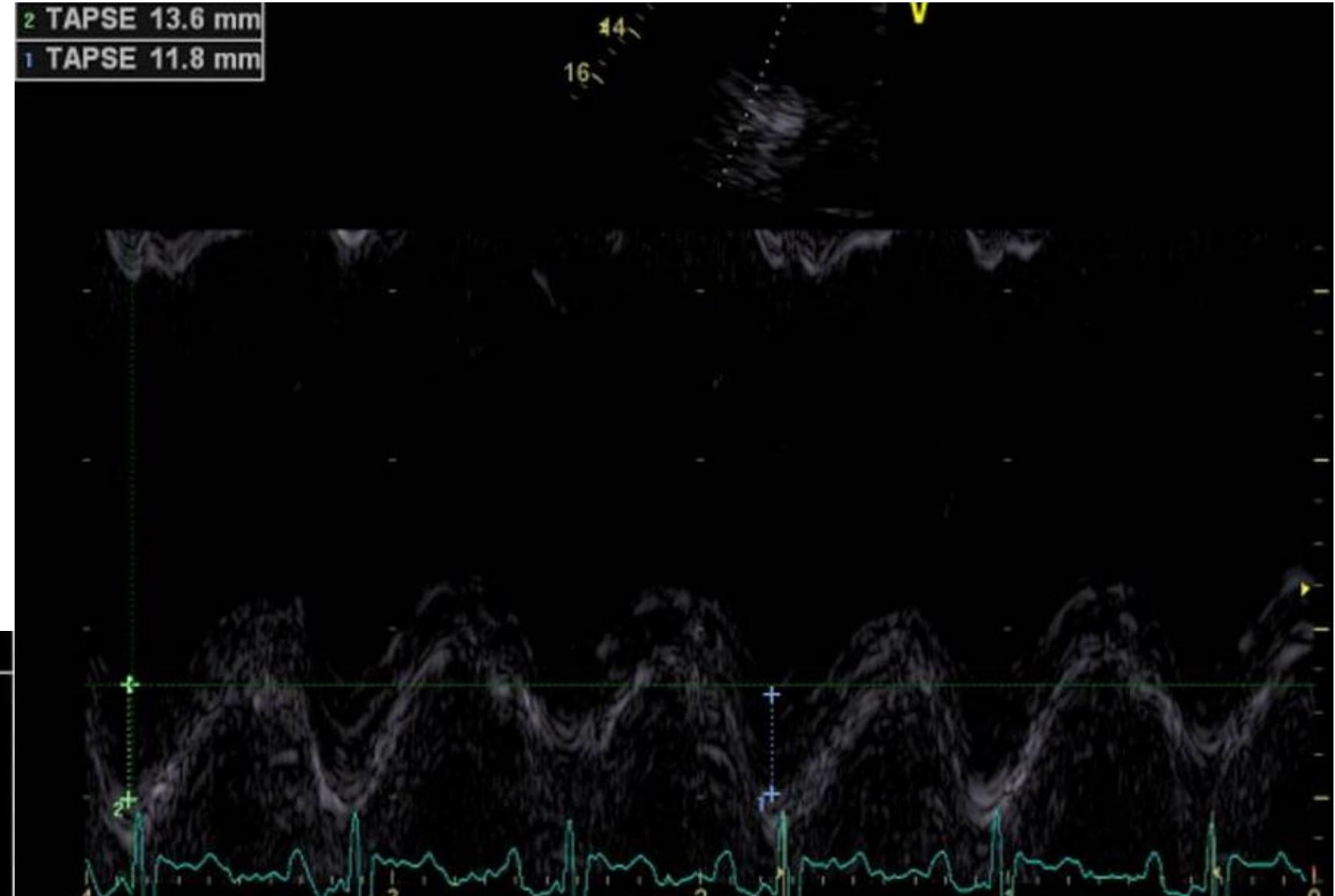
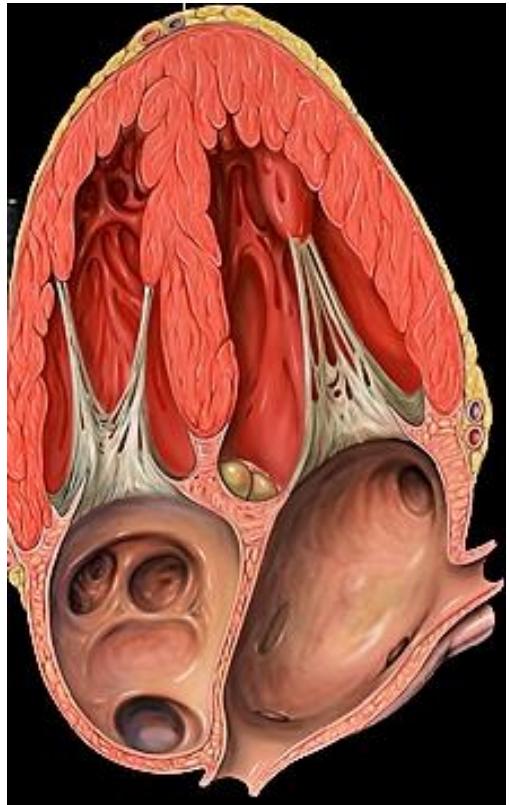






Increased RV:LV Size Ratio





Pulmonary Embolism Severity Index (PESI)



Predicts 30-day outcome of patients with pulmonary embolism using 11 clinical criteria.

When to Use ▾ Pearls/Pitfalls ▾ Why Use ▾

Age 62 years

Sex Female 0 Male +10

History of cancer No 0 Yes +30

History of heart failure No 0 Yes +10

History of chronic lung disease No 0 Yes +10

Heart rate ≥110 No 0 Yes +20

Systolic BP <100 mmHg No 0 Yes +30

Respiratory rate ≥30 No 0 Yes +20

Temperature <36°C/96.8°F No 0 Yes +20

Altered mental status (disorientation, lethargy, stupor, or coma) No 0 Yes +60

O₂ saturation <90% No 0 Yes +20

92 points

Class III, Intermediate Risk: 3.2-7.1% 30-day mortality in this group.

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92 points

Class III, Intermediate Risk: 3.2-7.1% 30-day mortality in this group.

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1. Zentrale Lungenembolie beidseits (intermediate high risk)



Akute Therapie?
medikamentös
vs EKOS Lyse
vs Inari?

