

Name of Institution:

Patient-ID:

I. Preoperative Transthoracic Echo:

The etiology of tricuspid regurgitation is predominantly

- Secondary (=functional) _____ primary (=organic)

- Right ventricle (See Figures. 1 & 2!):
 - (1) TAPSE: _____ cm (norm ≥ 1.6 cm)
 - (2) RVD1 (=RV basal diameter): _____ cm (norm > 4.2cm)
 - (3) RVD2 (=RV mid cavity): _____ cm (norm > 4.2cm)
 - (4) RVD3 (=RV longitudinal): _____ cm (norm > 4.2cm)

- Right atrium (See Fig. 3) :
 - (1) Large diameter: _____ cm (Norm: ≤ 5.3 cm)
 - (2) Small diameter: _____ cm (Norm: ≤ 4.4 cm)
 - (3) Area: _____ cm² (Norm: ≥ 18 cm²)

- Systolic PA-Pressure: _____ mmHg

- Peak Velocity TR Jet: _____ m/sec

- LV-Ejection Fraction _____ %

Left Heart Valve Disease:*Aortic:*

Stenosis:

Grad I II III

Insufficiency:

Grad I II III

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Mitral:

Stenosis:

Insufficiency:

Grad I II III

Grad I II III

Abbildung 1: Messung der TAPSE (Tricuspid Annular Plane Systolic Extension)

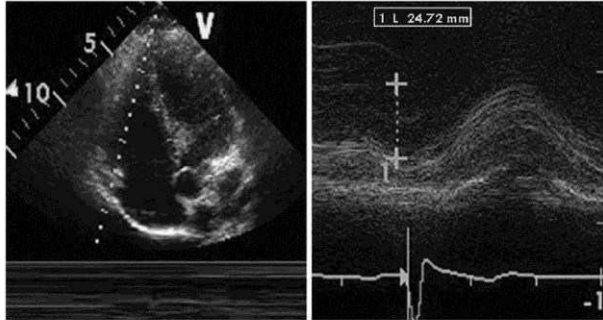


Abbildung 2: Messung der RV-Diameter (basal, midventrikulär und longitudinal)

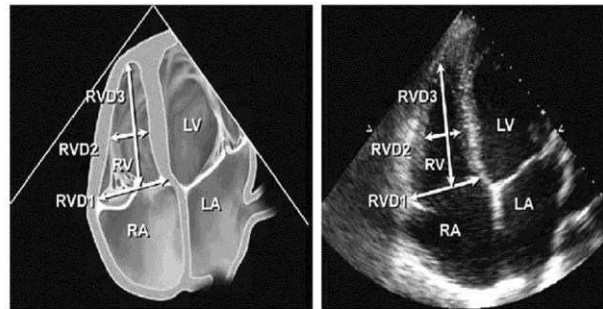


Abbildung 3: RA-Diameter

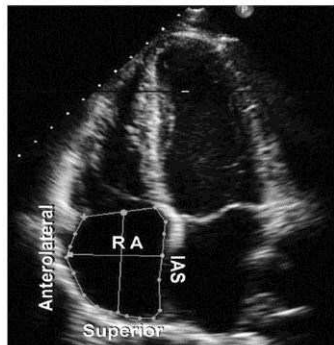
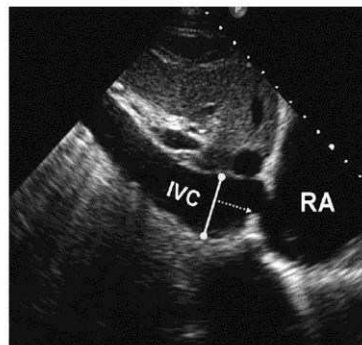


Abbildung 4: Untere Hohlvene



Rudski et al, J Am Soc Echocardiogr 2010;23:685-713 [1]

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2. Functional Status, Clinical Presentation and Lab Values at baseline/ before implantation

Please check box

- NYHA-Class

I II III IV

- Ascites:

Mild – detectabel only by ultrasound

Moderate – moderate symmetrical distention of abdomen

Large – marked abdominal distension

- Peripheral Edema

Mild – slight pitting

Moderate – pit is noticeably deep

Large – pit is very deep

- BNP _____ pg/ml (alternativ NT-pro BNP: _____ pg/ml)

- Distance covered in 6-Minuten walk test: _____ Meter

- Lab values Liver Function

(1) ASAT/ GOT: _____ μ mol/l

(2) ALAT/ GPT: _____ μ mol/l

(3) Cholinesterase: _____ kU/l

(4) Quick: _____ % or INR: _____

(5) Oral anticoagulation: yes no

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II. A. Hemodynamic prior to implantation:

- Arterial Blood pressure / (mmHg) Heart rate beats/min)
- Superior vena cava (measurement 1-2cm to RA inflow):
 - (1) V-Welle: mmHg
 - (2) Mean pressure: mmHg
- Right Atrium (measurement RA middle):
 - (1) V-Welle: mmHg
 - (2) Mean pressure: mmHg
- Inferior vena cava (measurement 1-2cm to RA inflow):
 - (1) V-Welle: mmHg
 - (2) Mean pressure: mmHg

III. CT Angiogram of superior and inferior vena cava according to protocol.