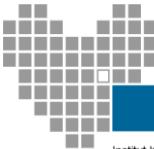


Institut Kardiale Diagnostik und Therapie GmbH

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 Ärztlicher Direktor: Prof. Dr. med. U. M. Gross; Geschäftsführer: Prof. Dr. med. H.-P. Schultheiss (CEO)



IKDT

Institut Kardiale Diagnostik und Therapie



COLLEGE OF AMERICAN PATHOLOGISTS

CAP Nr. 71828-02 since 2003

1. Patient data:

Name:

First name:

Patientenetikett aufkleben

Date of birth:

Address:

Street

Post code

Town

Insurance:

ID number of sender:

2. Submitting Institution:

Consulting physician:

(für Befund)

Hospital:

Department:

Telephone:

Stempel

Fax:

Date:

Signature: -----

2. Material:

Amount

RNAlater

Biopsy was taken from:

Formalin

LV

RV

Other material:

(5 biopsies in formaline by susp. amyloidosis)

Blood:

Volume (ml)

(in EDTA tube, +4°C)

Please specify

3. Clinically suspected diagnosis:

- Acute/active myokarditis (MCA)
- Condition after myocarditis
- Dilated cardiomyopathy (DCM)
- Inflammatory cardiomyopathy (DCMi)
- Toxic cardiomyopathy
- Restriktive cardiomyopathie
- Hypertrophic cardiomyopathy (HCM) (+H2)
- Arrhythmogenic right ventricular cardiomyopathy (+Set IHC2)
- Heart transplantation (HTX) (+Set IHC6)
- Giant cell myocarditis / Cardiac sarcoidosis (+GP)
- Storage disease (+Set H2, please specify)
- Cardiac amyloidosis (+Set IHC5)
- COVID-19 (+Set V2)
- Others

Please specify

Emergency!

(Intra-operative frozen section)

Additional costs

EF (%)

Please specify

Follow-up: yes no

Additional information:

Routine diagnostics (Set V1, Set H1, Set IHC1)

By high inflammation add. gene profile analysis (D)

By suspected Giant cell myocarditis add. Gene profile analysis (D)

Diagnostics (could be requested additionally)

A. Infectious agents:

Set V1 – Cardiotropic viruses (ADV, Cox, B19V, HHV6, EBV)

Set V2 – SARS-CoV-2

Additional cardiotropic viruses

- | | | |
|--|--------------------------|----------------------|
| Human Cytomegalovirus (CMV) | <input type="checkbox"/> | Herpes Simplex (1/2) |
| Influenza virus A und B | <input type="checkbox"/> | Echovirus |
| Varizella-Zoster (VZV) | <input type="checkbox"/> | Measles |
| Hepatitis B (HBV) | <input type="checkbox"/> | Hepatitis C (HCV) |
| Respiratorisches Syncytial virus (RSV) | <input type="checkbox"/> | Borrelia |

C. Immunohistology

Set IHC1 – Heart muscle inflammation CD3, MAC-1, LFA-1, Perforin, CD45RO, HLA-DR

Set IHC2 – ARVD diagnostics Plakoglobin, Connexin 43, N-Cadherin

Set IHC3 – Collagene expression / Fibrosis Kollagen 1 und 3 zzgl. Sirius-Rot-Färbung

Set IHC4 – Endothelium activation CD31, VCAM1

Set IHC5 – Amyloidosis typisation AA, AL-Lambda, AL-Kappa, ATTR

Set IHC6 – HTX / transplant rejection C3d, C4d, CD31, CD3, CD68, HLA-DR

B. Histology

Set H1 – Standard stainings (HE/PAS/Azan/Kongorot)

Set H2 – Special stainings

CD77 / Toluidin (M. Fabry)

Iron staining

v. Kossa staining (Calcium)

D. Myocardial gene profiling

GP – by high inflammation and susp. Giant cell myocarditis