

Management of Chronic Mucocutaneous Candidiasis

Mellinghoff SC^{1, 2}, Cornely OA^{1, 2}

¹ Department I of Internal Medicine, University of Cologne, Germany, ² CECAD Cluster of Excellence, University of Cologne, Germany

Chronic, non-invasive Candidiasis of

- Skin
- Nails
- Mucous membranes

Screening for primary/secondary immunodeficiency

- B- and T-cell subsets*
- Complete blood count
- Differential Ig levels (incl. IgE)

*2 EDTA tubes > Studienzentrum Infektiologie

Screening for endocrine and autoimmune diseases [1, 2]

- ACTH stimulation test
- Transaminases
- TSH

Screening for genetic disorders [3-8]

- CARD9
- DOCK 8
- STAT1**
- Dectin-1
- IL17 Receptor**

1 EDTA tube > Molekulare Diagnostik Ulm

Continuous therapy with one of the following [9, 10]

- Fluconazole 50-400 mg/d
- Itraconazole 100-400 mg/d
- Posaconazole 100-400 mg/d

** In case of STAT/IL17 defect

Examination of T-cells producing

- IL17A
- IL17F
- IL22

1 EDTA tube > Studienzentrum Infektiologie

Details for sample shipment

Klinisches **Studienzentrum Infektiologie II**
Klinik I für Innere Medizin
Uniklinik Köln, Ebene 15
Kerpener Straße 62, 50937 Köln

MVZ DRK-Blutspendedienst Ulm
Ärztl. Leiter Dr. P. Schauwecker
Molekulare Diagnostik
Helmholtzstraße 10, 89081 Ulm

> „Einsendeschein MG Analyse“

References

[1] Kirkpatrick AJM 1979 [2] Perheentupa JCEM 2006 [3] Lanternier COP 2013 [4] van de Veerdonk NEJM 2011 [5] Liu JEM 2011 [6] Ferwerda NEJM 2009 [7] Puel Science 2011 [8] Li COM 2017 [9] Groll CJ 2011 [10] Pappas CID 2016