



**UNIVERSITÄTS
KLINIKUM** FREIBURG

WEBINAR:

Tractography assisted Deep Brain Stimulation surgery – TractDBS

FIRST WEBINAR:

MARCH 24TH 2021

5 PM-6.30 P.M. (CET)

Dear colleagues,

The sophisticated use of tractographic techniques for the planning, evaluation and steering of Deep Brain Stimulation (DBS) has reached the operation rooms everywhere. Therapy application for certain indications (tremor, depression) have become a focus of this technology. It is important to understand the benefits, limitations and pitfalls of this technology.

This program is a workshop hosted in Freiburg but because of the CoVid19 pandemic, this year has to start as a web-based event. We have designed a three-part webinar program that aims at helping to understand the DTI technology and its applications in the stereotactic and functional neurosurgical context from the basics to clinical applications.

This webinar/workshop addresses young Stereotactic and Functional Neurosurgeons, Neurologists, Psychiatrists and Neuroscientists with a special interest in image guided DBS.

A warm welcome to Freiburg (virtual) for learning, discussing and hands-on training of DTI – assisted Deep Brain Stimulation.

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UPCOMING WEBINARS:

March 24th Tractography assisted Deep Brain Stimulation surgery

tbd Single subject DBS planning for Tremor

tbd Single subject DBS planning for psychiatric indications

TIMETABLE:

5.00h pm	Welcome and short introduction
5.10h pm	Introduction to Diffusion MRI and Structural Connectivity (in the neurosurgical context) Marco Reisert, Ph.D.
5.40h pm	Q&A
5.50h pm	Principles of Stereotactic planning including tractographic imaging Volker A. Coenen, M.D.
6.20h pm	Q&A
6.30h pm	End of Scientific program

SPONSORING:



Brainlab Sales GmbH (600€*)
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*for all Webinars in 2021

REGISTRATION: www.uniklinik-freiburg.de/anmeldung-veranstaltungen/tractdb.html
CME points are requested.