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MEDTECH OUTLOOK



Holistically Addressing Chronic Pain with Impactful Neuromodulation

When working with patients experiencing chronic pain, depression, and addiction, healthcare professionals must effectively understand the complex relationship and underlying mechanisms across these conditions to effectively address care needs.

However, as these bi-directional associations are often overlooked, existing therapy options struggle to deliver desired patient outcomes.

Dr. Peter Tamme bridges this gap through his Praxis für Neuromodulation at Leuphana Uni-Campus. Through his pain therapy approach, he recognises that trauma is not solely a somatic disease but an intricate interplay of biological, psychological, and social factors. Equipped with this insight, the Praxis fuer Neuromodulation aims to support individuals in navigating social issues and ensure patient well-being and the welfare of their families.



Dr. Peter Tamme,
Medical Director

therapy over a concentrated 10-day treatment period before patients can return home," says Dr. Tamme.

Delving into the focus on pain therapy, Dr. Tamme notes how he pursued an education in neuromodulation and established a practice focused on rTMS, tDCS, Ketamine therapy, rPMS, and more to better help his patients. During these endeavours, he discovered that certain types of addiction could be addressed through neuromodulation. He then developed a combined therapy for patients struggling with cocaine addiction, which has historically been difficult due to the lack of targeted psychotherapy and pharmacological interventions.

Exploring the 'why?' behind cocaine addiction, Dr. Tamme remarks how users often excel at their demanding and creative professions and turn to cocaine to reduce stress. Within just a few instances of consumption, profound biological changes occur in their brain's reward centre and cognitive thinking systems, which cannot be reversed through talk therapy or willingness alone.

Without the appropriate intervention, these individuals risk facing the heart-breaking consequences of losing their careers, financial stability, and families; and witnessing talented personalities like actors, lawyers, and creative professionals fall into these distressing circumstances is profoundly disheartening. Fortunately, Dr. Tamme's Praxis fuer Neuromodulation can offer guidance to help them revert to their normal, fulfilling lives. Above all, he considers witnessing his patients regain their footing and reclaim happiness to be the beauty of his profession as a reliable caregiver.

The practice's success in delivering exceptional patient care can be attributed to its remarkable team comprising a small, tightly-knit group of five experts, some of whom have been working with Dr. Tamme for over two decades. This harmonious integration of experienced colleagues and enthusiastic assistant doctors creates a dynamic and cohesive team that provides the highest level of care and support throughout a patient's therapeutic journey.

Praxis fuer Neuromodulation's goal is to empower patients to rebuild their lives, reclaim their careers, and rediscover joy and fulfillment through targeted neuromodulation and holistic care. 🇩🇪

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We combine psychological interventions with somatic treatments such as epidural injections, medication management, and neuromodulation therapies to deliver an effective short-term therapy over a concentrated 10-day treatment period before patients can return home

He and his team understand that psychological issues, including anxiety and depression, can significantly impact pain perception and management. They also acknowledge the social challenges many patients face, including difficulties maintaining employment due to chronic pain.

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