



## Center for Diagnosis, Therapy and Research in Psychomotor Therapy

The Center for Diagnosis, Therapy and Research in Psychomotor Therapy (CDSP) is an integral part of the Institute of Psychomotor Therapy (IPM) in its clinical, academic and research dimensions.

In terms of its clinical aspect, it serves as a diagnosis and therapy center, offering services at reduced rates to the community. It caters to patients of various ages and specializes in the assessment, diagnosis and treatment of psychomotor disorders. Additionally, CDSP provides guidance to patients regarding appropriate treatments, medical consultations, and academic and professional structures tailored to their needs.

On the academic level, it also serves as a training ground for Master's students, where a series of theoretical and practical courses are taught by IPM instructors. These include discussions with parents, multidisciplinary meetings, care protocols, refining diagnostic approaches, conducting assessments, and treatment techniques. This series of reflections and analyses helps students optimize their professional practice in psychomotor therapy, consolidate their professional identity and experience the importance of the effectiveness of care.

Regarding research, the CDSP team, in collaboration with the IT team, has developed a software to digitize data collection and keep track of the treatment provided for various complex cases. With this data, instructors and students evaluate techniques and validate protocols for psychomotor treatment and psychomotor tests. CDSP specializes in:

- Motor skills rehabilitation through a combination of personalized cognitive-bodily approach with elaborate and individualized protocols tailored to specific needs, utilizing artificial intelligence (AI), notably virtual reality (Kinect X-Box);
- The study of handwriting using digital tablets (Arabic writing, biscriptality, dysgraphia);
- The application of biofeedback (work-related stress, anxiety, writer's cramp, generalized contractions);
- Rehabilitation through the motor imagery (MI) technique (motor coordination, movement planning, etc.)

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