

- 1 **Supplementary Table 1.** Study schedule. The order of treatment (A/B) will be decided at randomization (allocation step). Names of visits corresponding to
 2 Figure 1 are included.

		STUDY PERIOD								
		Enroll	PT	Allocate	Post-allocation					
DURATION		1 week	10-22 weeks	1 week	First treatment (6 months)			Second treatment (6 months)		
ENROLLMENT	Eligibility screen	X		X			X			
	Informed consent	X								
	Randomization (to A/B)			X						
INTERVENTION	Parent training in behaviour management		X							
	Cross-over	MPH			A	A	A	B	B	B
		LDX				B	B	B	A	A
ASSESSMENTS	Conners 3, PedsQL questionnaires	Psychological evaluation 1		Psychological evaluation 2		Psychological evaluation 3	Psychological evaluation 4		Psychological evaluation 5	Psychological evaluation 6
	Diabetes control (HbA1c, CGM)	Diabetological visit 1		Diabetological visit 2		Diabetological visit 3	Diabetological visit 4		Diabetological visit 5	Diabetological visit 6
	Anthropometric, BP, HR measurement									
	Urine tests, ECG with QT segment assessment, ophthalmologic consultation									
	Psychiatric consultation			LDX/MPH qualification	Dose optimization	*Additional dose adjustment		Dose optimization	*Additional dose adjustment	Referral to care under National Health Fund

- 3 *optional, up to the Investigator, only lowering of dose allowed