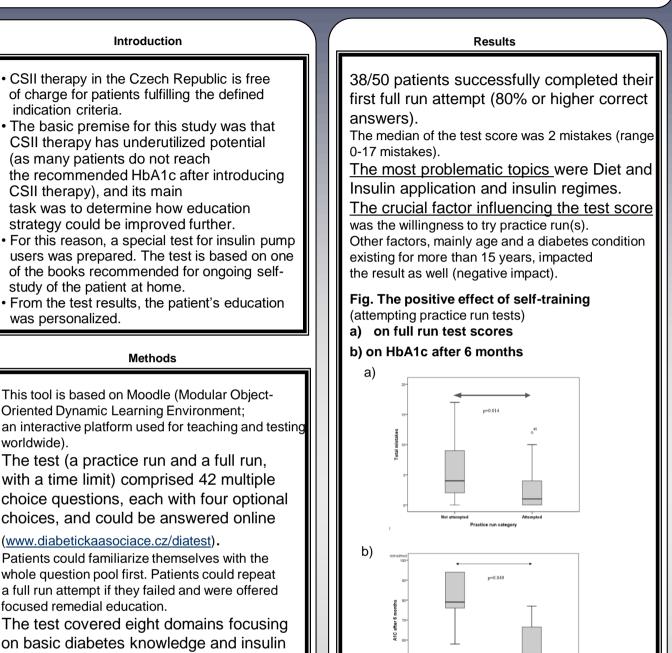
TEST FOR INSULIN PUMP USERS - THE TOOL TO TAILOR EDUCATION AND CHECK PATIENT'S KNOWLEDGE

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Domain No.	Domain description	Question pool size
1	General knowledge on diabetes	13
2	Insulin application and insulin regimes	16
3	Introduction to insulin pump therapy	10
	(what the insulin pump is, how to wear the pump etc.)	
4	Insulin pump operation (how to handle the pump)	11
5	Diet	32
6	Bolus doses	20
7	Basal doses	11
8	CGM and handling special situations	28
	(travelling, sick-day management, sport, alcohol consumption)	

pump therapy specifically.

The study group comprised 27 females and 23 males, 47/50 treated for T1DM and 3/50 for T2DM. The median of diabetes duration was 13 years (range 2-52 years), median of HbA1c was 65.5 mmol/mol (range 39-107 mmol/mol), respectively 8.1% according to DCCT (range 5.7-11.9%), median of total daily insulin dose was 40 IU (range 22-74 IU), median of BMI was 25 (range 18-37). Nineteen patients were newly introduced to CSII therapy. The most frequent reason (in 52% of cases) for starting/continuing CSII therapy was suboptimal diabetes stabilization (despite the patient's maximum efforts when using MDII).

Data were processed by SPSS sw.v.24.

Conclusions

The type of test introduced is a good tool for checking a patient's theoretical knowledge and indirectly revealing a patient's level of motivation.

We suggest that everyone prior to starting this therapy should be psychologically evaluated, with a special emphasis on adjusting the educational strategy accordingly to the patient's personality type.

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