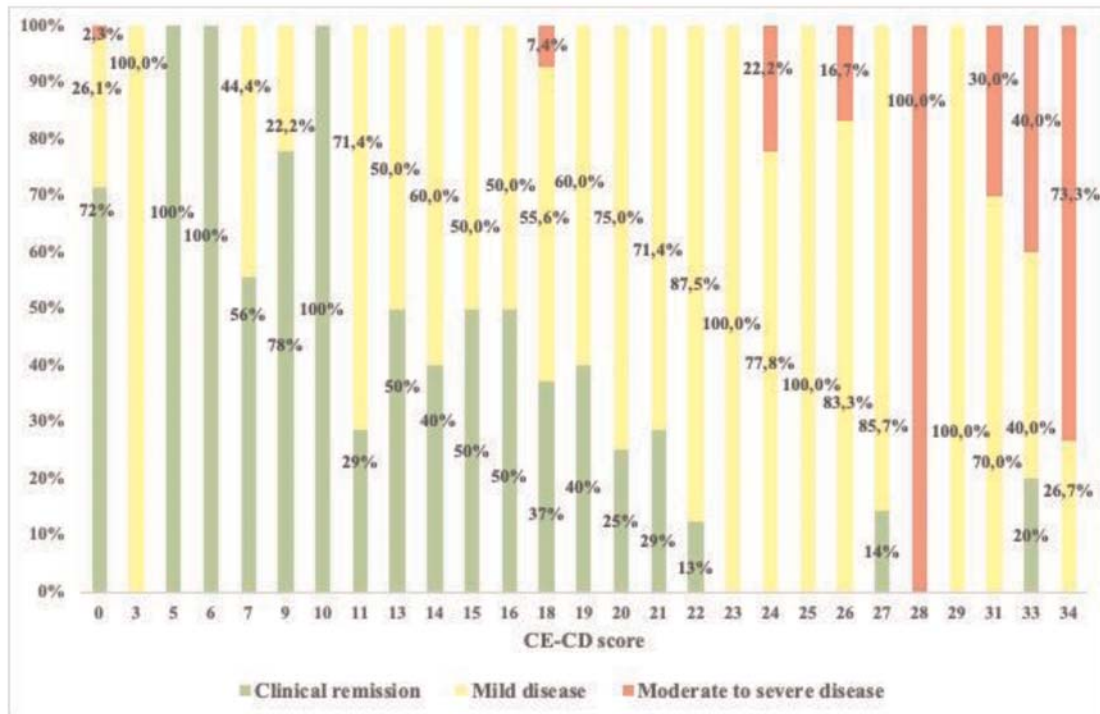
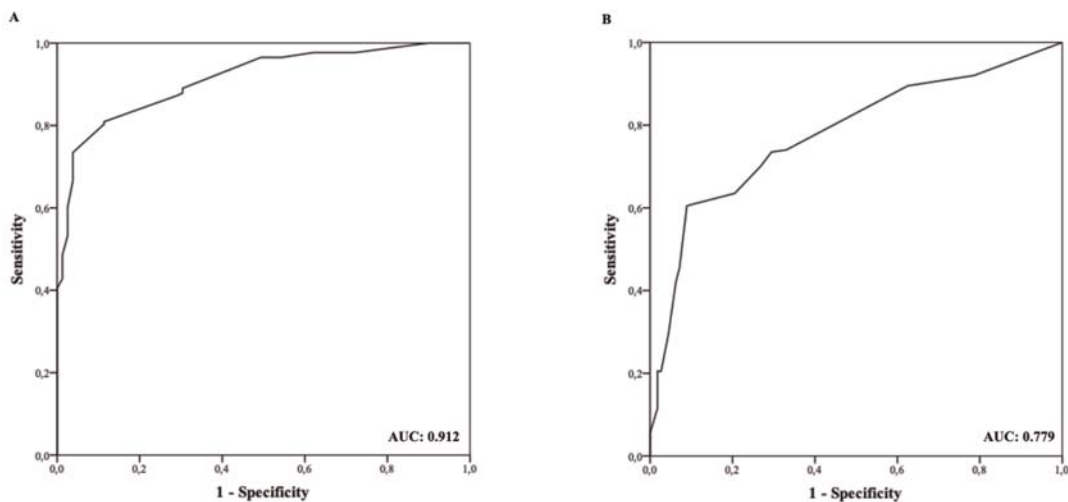


Supplementary material

Supplementary Fig. 1 CE-CD score of patients in clinical remission (green), with mild (yellow) or moderate to severe (red) inflammation according to PCDAI.



Supplementary Fig. 2 Receiver operating characteristic (ROC) curves for a FC and b PCDAI assessing the presence of SB inflammation (CE-CD ≥ 9).



Supplementary material

Supplementary Table 1 – Correlations among capsule endoscopy scores and clinical and laboratory data in the entire population and in patients with isolated small-bowel involvement.

Entire population								
	CE-CD	Lewis score	CECD AI	PCDAI	Hemoglobin	Albumin	CRP	FCP
CE-CD	-	r = 0.581	r = 0.909	r = 0.624	r = -0.751	r = 0.702	r = 0.685	r = 0.561
Lewis score	r = 0.581	-	r = 0.724	r = 0.633	r = -0.537	r = 0.512	r = 0.537	r = 0.636
CECD AI	r = 0.909	r = 0.724	-	r = 0.651	r = -0.746	r = 0.664	r = 0.679	r = 0.642
SB isolated involvement								
	CE-CD	Lewis score	CECD AI	PCDAI	Hemoglobin	Albumin	CRP	FCP
CE-CD	-	r = 0.610	r = 0.906	r = 0.734	r = -0.782	r = 0.714	r = 0.721	r = 0.620
Lewis score	r = 0.610	-	r = 0.772	r = 0.728	r = -0.595	r = 0.604	r = 0.558	r = 0.703
CECD AI	r = 0.906	r = 0.772	-	r = 0.759	r = -0.778	r = 0.689	r = 0.713	r = 0.734

CE-CD, capsule endoscopic-Crohn's Disease; CECD AI, Capsule Endoscopy Crohn's Disease Activity Index; PCDAI, pediatric Crohn's Disease Activity Index; CRP: C-reactive protein; FCP: fecal calprotectin; SB: small bowel. All correlations were statistically significant at < 0.001 level.

Supplementary material

Supplementary Table 2 - Comparison of median time (months) of occurrence of endoscopic or clinical relapse, in patients in clinical remission (PCDAI<10) with or without mucosal inflammation.

	CE-CD<9	CE-CD ≥9	P value
Endoscopic relapse	18 (15-21)	12 (9-15)	<0.001
Clinical relapse	17 (12.5-21)	11 (8-13)	<0.001

Supplementary Table 3 – Diagnostic accuracy of FC and PCDAI for presence of inflammation (CE-CD ≥9) at CE

	Sn	Sp	PPV	NPV	Accuracy
FC ≥110µg/g	89%	69,6%	86.5%	74.3%	83%
FC ≥75µg/g	97.7%	38%	77.5%	88.2%	79%
PCDAI ≥15	60.5%	90.1%	91.7%	56.1%	71.2%
PCDAI ≥7.5	73.5%	29.5%	65%	38.8%	57.7%

Sn: sensitivity; Sp: specificity; PPV: positive predictive value; NPV: negative predictive value.