

Saint's Syndrome

Caecal - Gastric Aspecific Reflex (Ca. G . A. R.) “intense” digital pressure on caecal region (caecal trigger points)

Latency time (Lt) in seconds	Latency time after preconditioning (pause of 5 sec.)	MFR in seconds	fD & equilibria	EBD	Preconditioning	Intensity – I Duration – in sec.	Diagnosis
Lt = 10	Lt = 20	3 < MFR < 4 normal MFR, associated activation, outcome +	fD ≥ 3 (ideal value fD=3.81) strange attractor	Normal EBD physiological function	Type I Physiological tissue microvascular unit	Intensity < 1 cm	Health
Lt = 3 (first reflex)	Lt < 6	4 < MFR ≤ 5 growing compromised MFR, dissociated activation, outcome ±	2 < fD < 3 limit cycle	Modified EBD function, increasing number of pathological EBD	Type II Intermediate tissue microvascular unit	Intensity = 1 cm	Colonic Diverticulosis
Lt = 6 (second reflex)	Lt < 12	MFR > 5 absent MFR, dissociated activation, outcome –	fD = 1 fix point	Normal EBD function pathological, large number of pathological EBD	Type III Pathological tissue microvascular unit	Intensity ≈ 1-2 cm	Lythiasic reflex If positive tonic Gastric Contraction – tGC - there is Cancer If absent tGC there is Cholelithiasis
Lt = 9 (third reflex)	Lt < 18 sec.	MFR > 5 absent MFR, dissociated activation, outcome –	fD = 1 fix point	Normal EBD function pathological, large number of pathological EBD	Type III Pathological tissue microvascular unit	Intensity ≈ 2-3 cm	Hiatal Hernia

Table 1. Legend: MFR (Microcirculatory Functional Reserve); EBD (Endoarteriolar Blocking Device); CAD (Coronary Artery Disease); fD (fractal Dimension); Lt (Latency time)