

Heart Specific Gastric Reflex (H. A. G. R.) mean intensity digital pressure on cardiac trigger points (precordium)

Latency time (Lt) in seconds	Latency time after preconditioning (pause of 5 sec.)	MFR in seconds	fD & equilibria	EBD	Preconditioning	Diagnosis
Lt = 8	Lt = 16 [Lt = 16 if intense digital pressure – negative Caotino’s Sign]	3 < MFR < 4 normal MFR, associated activation, outcome +	fD ≥ 3 (ideal value fD=3.81) stange attractor	Normal EBD phisiological function	Type I Physiological tissue microvascular unit	Health
Lt = 8	Lt < 16 [Lt = 0 if intense digital pressure – positive Caotino’s Sign]	MFR = 4 compromised MFR, dissociated activation, outcome ±	2 < fD < 3 limit cycle	Normal, slightly modified EBD function, small number of pathological EBD	Type II A Intermediate tissue microvascular unit	CAD Inherited Real Risk
7 < Lt < 8	Lt < 16 [Lt = 0 if intense digital pressure – positive Caotino’s Sign]	4 < MFR ≤ 5 growing compromised MFR, dissociated activation, outcome ±	1 < fD ≤ 2 limit cycle	Modified EBD function, increasing number of pathological EBD	Type II B Intermediate tissue microvascular unit	CAD Inherited Real Risk in evolution
Lt ≤ 7	Lt < 14 [Lt = 0 if intense digital pressure – positive Caotino’s Sign]	MFR > 5 absent MFR, dissociated activation, outcome – (MFR ≈ 8 angina pectoris)	fD = 1 fix point	Normal EBD function pathological, large number of pathological EBD	Type III Pathological tissue microvascular unit	Overt CAD

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