

Esophageal - Gastric Aspecific Reflex (Es. G. A. R.) “mean intensity” digital pressure on right or left of the sternum in relation to the projection area of the esophagus (esophageal trigger points)

Latency time (Lt) in seconds	Latency time after preconditioning (pause of 5 sec.)	MFR in seconds	fD & equilibria	EBD	Preconditioning	tCG	Diagnosis
Lt = 8	Lt = 16 [Lt = 16 if intense digital pressure on cutaneous projection of epiphysis – negative Rinaldi’s Sign – absence of OT]	3 < MFR < 4 normal MFR, associated activation, outcome +	fD ≥ 3 (ideal value fD=3.81) stange attractor	Normal EBD physiological function	Type I Physiological tissue microvascular unit	Absent	Health
Lt = 8	Lt < 16 [Lt = 0 if intense digital pressure on cutaneous projection of epiphysis – positive Rinaldi’s Sign –OT]	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	tonic Gastric Contraction - tGC - local autoimmune syndrome - accompanied by gallbladder - and splenic contraction - decongestion: positive tCG	Esophageal Cancer Inherited Real Risk
7 < Lt < 8	14 < Lt < 16 [Lt = 0 if intense digital pressure on cutaneous projection of epiphysis – positive Rinaldi’s Sign –OT]	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	tonic Gastric Contraction - tGC - local autoimmune syndrome - accompanied by gallbladder - and splenic contraction - decongestion: positive tCG	Esophageal Cancer Inherited Real Risk in evolution
Lt ≤ 7	Lt < 14 [Lt = 0 if intense digital pressure on cutaneous projection of epiphysis – positive Rinaldi’s Sign –OT]	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	tonic Gastric Contraction - tGC - local autoimmune syndrome - accompanied by gallbladder - and splenic contraction - decongestion: positive tCG	Overt Esophageal Cancer

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