

Tissue	Delta T (sec)	C1 (kPa)	Pearson's correlation (r= [95% IC]); p-value
Skin (n=10)	79 ± 105	46 ± 15	0.4 [-0.3 ;0.8] ; 0.2
Vagina (n=10)	69 ± 86	165 ± 60	0.7 [0.2 ;0.9] ; 0.02
EAS (n=10)	146 ± 168	27 ± 10	0.2 [-0.6 ;0.7] ; 0.7
IAS (n=10)	151 ± 162	19 ± 13	0.2 [-0.5 ;0.7] ; 0.6
Anal mucosa (n=10)	166 ± 108	145 ± 28	0.2 [-0.4 ;0.7] ; 0.5

Table 3. Correlation between C1 hyperelastic coefficient and the duration (Delta T) between the first microfailure and the complete rupture of each tissue (Yeoh model)

Delta T : duration between the first microfailure and the complete rupture

Results are expressed as mean ± standard deviation