

Supplementary Table 1.

Correlation Between the Presence of the Apoptotic Biomarkers in GCF and PD.

| | Fas (n = 1,154) | | | FasL (n = 1,203) | | | Active FasL (n = 1,203) | | | ProCas 70 (n = 1,155) | | | ProCas 35 (n = 1,155) | | | Active Cas (n = 1,155) | | |
|---------|-----------------|--------------|---------|------------------|--------------|---------|-------------------------|--------------|---------|-----------------------|--------------|---------|-----------------------|--------------|---------|------------------------|--------------|---------|
| | OR | 95% CI | P Value | OR | 95% CI | P Value | OR | 95% CI | P Value | OR | 95% CI | P Value | OR | 95% CI | P Value | OR | 95% CI | P Value |
| Smoking | 0.8 | 0.32 to 1.96 | 0.62 | 1.19 | 0.56 to 2.3 | 0.74 | 1.11 | 0.48 to 2.6 | 0.804 | 0.5 | 0.22 to 1.13 | 0.094 | 1.06 | 0.53 to 2.10 | 0.875 | 1.16 | 0.63 to 2.11 | 0.635 |
| PD (mm) | 1.19 | 1.07 to 1.32 | 0.001* | 1.11 | 0.99 to 1.23 | 0.056 | 1.16 | 0.99 to 1.34 | 0.056 | 1.17 | 1.05 to 1.3 | 0.002* | 1.27 | 1.12 to 1.44 | <0.001* | 1.27 | 1.13 to 1.44 | <0.001* |

* Stastical significance.

CI = confidence interval.

Output from the GEE model after controlling for smoking, showing the odds of Fas, FasL, sFasL, procaspase 70 and 35, and active caspase-3 of being expressed in relation to PD. The odds of all the apoptotic biomarkers being present is significantly greater with every 1-mm increase in PD, except for FasL and sFaL, which were not significant ($P = 0.05$).