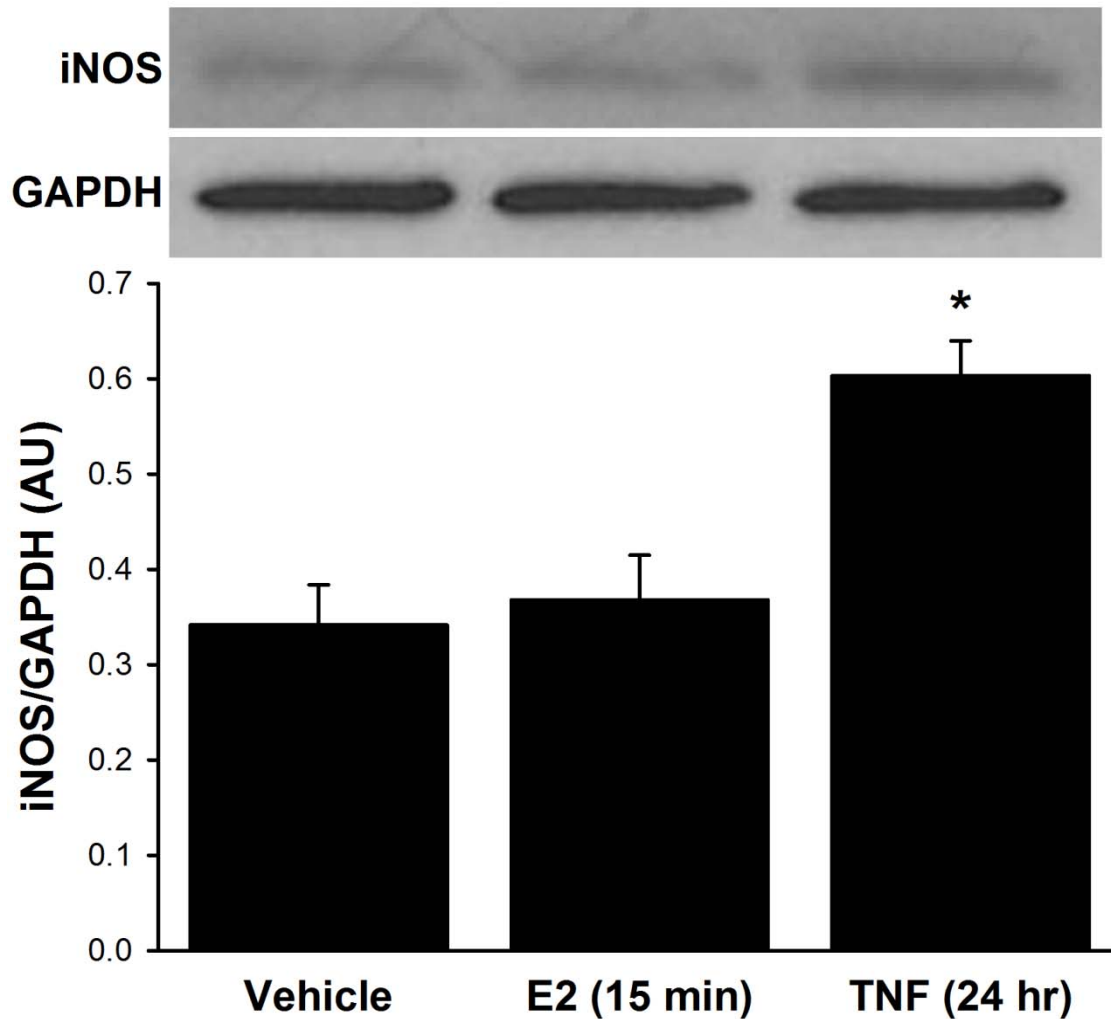


ESTROGEN INCREASES NITRIC OXIDE PRODUCTION IN HUMAN BRONCHIAL EPITHELIUM

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Supplemental Figure 1: iNOS is minimally expressed under basal conditions in BECs. In BECs grown in standard BEGM media, Western analyses showed low expression of iNOS. Treatment of BECs for 15 minutes with 10 nM E₂ (to simulate NO-imaging studies) did not increase iNOS expression. Overnight treatment with the inflammatory cytokine, TNF α (20 ng/ml), substantially increased iNOS expression in BECs. Values are mean densities \pm SE (n=4 patients) * indicates significant difference from vehicle control (p<0.05).