

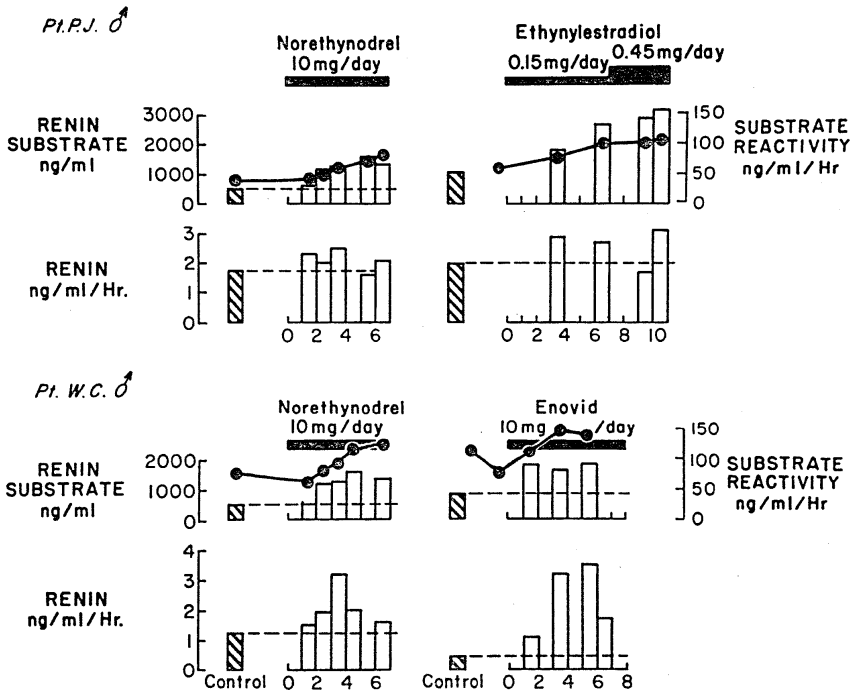


Fig. 5. Relative effects of progestogen and estrogen (norethynodrel, Enovid, or ethinyl estradiol) on renin, renin substrate, and plasma reactivity to renin. Studies made in 2 normal male volunteers receiving a constant regimen. In both subjects renin substrate and plasma reactivity to renin were increased to a greater extent by either estrogen or an estrogen combination. The progestogen exhibited similar but smaller effects.

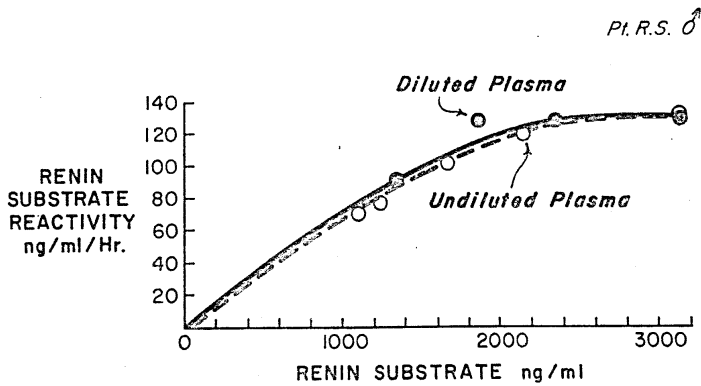


Fig. 6. Effect of dilution of renin substrate on substrate reactivity compared with undiluted samples exhibiting various concentrations. These samples were obtained at other times in the course of oral contraceptive administration. The data strongly suggest that observed changes in the substrate capacity to release angiotensin are directly related to changes in the substrate concentration rather than the result of variation in concentration of an activator or inhibitor.