

Table VIII.—Data on Papanicolaou smears during use of oral contraceptives

Reference	Compound	Number women treated	Total cycles studied	Number smears treated women	Number smears control women	Number smears positive	Number positive expected
Pincus, 1959.....	Enovid.....	830	8, 133	(¹)	-----	0	-----
Goldzieher et al., 1962....	Ortho-Novum.....	210	6, 232	(²)	-----	0	-----
Rice-Wray et al., 1962....	do.....	364	6, 062	(²)	-----	0	-----
Rice-Wray et al., 1963....	Enovid.....	2, 040	³ 22, 948	(²)	-----	0	11. 8
						Positive smears in treated women (percent)	Positive smears in control women (percent)
Pincus, 1961.....	do.....			412	⁴ 11, 664	0. 2	1. 1
Tyler, 1961.....	Enovid, Ortho-Novum.....	1, 004	⁵ 33, 132	-----	-----	. 4	. 6
Tyler, 1964.....	Enovid, Ortho-Novum and other.	-----	-----	6, 746	2, 510	. 77	1. 23

¹ Number not stated.² Number not stated; smear taken at annual pelvic examinations.³ Enovid and Ortho-Novum used in 85 percent of cycles.⁴ Data of Lee, for Puerto Rico.⁵ Calculated on basis of 31 months average duration of treatment.From Drill, V. A., *Pacific Medical and Surgical*, 75: November-December 1964.

Table IX.—Cases of cancer during use of oral contraceptives

Reference	Compound	Number of women treated	Total cycles studied	Number of cases of cancer observed during treatment	
				Genital	Mammary
Pincus, 1959.....	Enovid.....	830	8, 133	0	0
Cook et al., 1961.....	do.....	550	6, 743	2	0
Pincus, 1961.....	do.....	-----	20, 442	1	0
Tyler, 1961.....	Enovid, Ortho-Novum.....	1, 004	¹ 33, 132	(²)	0
Goldzieher et al., 1962....	Ortho-Novum.....	210	6, 232	0	0
Rice-Wray et al., 1962....	Ortho-Novum.....	364	6, 062	0	0
Rice-Wray et al., 1963....	Enovid, Ortho-Novum.....	2, 040	³ 22, 948	0	0

¹ Calculated on basis of 31 months average duration of treatment.² No cases reported based on physical examination, pelvic or biopsy.³ Enovid or Ortho-Novum employed in about 85 percent of cycles.

Table X.—The rate of development of suspicious Papanicolaou smears in subjects with negative smears before the use of contraceptives

Contraceptive used	Number of subjects	Number/1,000 with suspicious smears	Average number of years of use
Vaginal.....	208	72. 1±18. 0	1. 3
Enovid.....	580	¹ 26. 2± 6. 6	3. 4
Ovulen.....	188	21. 3±10. 5	1. 8
Orthonovum.....	105	28. 6±16. 4	1. 6
Intrauterine devices.....	500	54. 0±10. 0	1. 1

¹ *Italic values differ significantly from those for vaginal contraceptives.*

From data submitted by Dr. Gregory Pincus (Jan. 6, 1966).