

Table E-51. Therapies used in trials comparing hormone with hormone

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
Polvani 1991	1	170	EP seq	0.625 mg E + 10 mg P	Oral	conjugated equine estrogens + medroxyprogesterone acetate		Standard
	2	203	EP seq	0.05 mg E + 10 mg P	Patch	estradiol + medroxyprogesterone acetate		Standard
Henriksson 1994	1	106	Est	0.0095mg	VagRin	estradiol	Silastic	Low
	2	51	Est	0.5mg	VagP es	estriol	Ovesterin	Low
Studd 1995	1	104	EP seq	0.625 mg E + 20 mg P	Oral	conjugated estrogen + dydrogesterone	Premarin + Duphaston	Standard
	2	100	EP seq	0.05 mg E + 20 mg P	Patch	estradiol + dydrogesterone	Menorest + Duphaston	Standard
Ayton 1996	1	131	Est	0.0075mg	VagRin	estradiol	Estring	Low
	2	63	Est	0.625mg	VagC rm	conjugated estrogen	Premarin	Standard

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
Hilditch 1996	1	35	EP seq	0.625mg E + 10mg P	Oral	conjugated equine estrogen + medroxyprogesterone acetate	Premarin + Provera	Standard
	2	39	EP seq	0.014mg E + 10mg P	Patch	estradiol + medroxyprogesterone acetate	Estraderm + Provera	UltraLow
Egarter 1996	1	51	EP seq	2mg E + 10mg P	Oral	estradiol valerate + medroxyprogesterone acetate	Dilena or Divina	High
	2	50	EP seq	0.625mg E + 10mg P	Oral	conjugated estrogen + medrogestone	Premarin + Colpron	Standard
Hirvonen 1997	1	60	EP seq	1.0 mg E + 10 mg P	SknGel	estradiol + peroral dydrogesterone	Divigel + Terolut	Low
	2	60	EP seq	0.05 mg E + 10 mg P	Patch	estradiol + peroral dydrogesterone	Estraderm + Terolut	Standard
Hirvonen 1997	1	84	EP seq	1 mg E + 20 mg P	SknGel	estradiol + medroxyprogesterone acetate	Divigel + Provera	Low
	2	32	EP seq	2 mg E + 10 mg P	SknGel	estradiol + medroxyprogesterone acetate	Divigel + Provera	Standard
	3	57	EP seq	2 mg E + 10 mg P	Oral	estradiol valerate + medroxyprogesterone	Divina	High
Rozenberg 1997	1	153	EP comb	0.05 mg E + P (see comment)	Patch	estradiol + dydrogerterone or estradiol + norethisterone		Standard
	2	154	EP comb	0.05 mg E + 0.17 mg P	Patch	estradiol + norethisterone acetate		Standard
	3	158	EP comb	0.05 mg E + 0.35 P	Patch	estradiol + norethisterone acetate		Standard
	4	153	EP seq	0.05 mg E + 0.17 mg P	Patch	estradiol + norethisterone acetate		Standard
	5	156	EP seq	0.05 mg E + 0.35 mg P	Patch	estradiol + norethisterone acetate		Standard
Al-Azzawi 1997	1	129	Est	0.05 mg	Patch	estradiol	Estraderm	Standard

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
	2	134	Est	0.05 mg	Patch	estradiol	Lyrelle 50	Standard
	3	131	Est	0.08 mg	Patch	estradiol	Lyrelle 80	High
Lubbert 1997	1	123	EP comb	0.05 mg E + ? mg P	Patch	estradiol + progestogen	Menorest + progestogen	Standard
	2	122	EP seq	0.05 mg + ? mg P	Patch	estradiol + progestogen	Menorest + progestogen	Standard
Barentsen 1997	1	83	Est	0.0075mg	VayRin	estradiol	Estring	Low
	2	82	Est	0.5mg	VagCrm	estriol	Synapause	Low
Bachmann 1997	1	129	EP comb	0.0075mg	VayRin	estradiol + medroxyprogesterone	Estring	Low
	2	67	Est	0.625 mg	VagCrm	conjugated equine estrogen	Premarin	Standard
Good 1999	1	79	Est	0.625 mg	Oral	conjugated equine estrogen	Premarin	Standard
	2	82	Est	1.25 mg	Oral	conjugated equine estrogen	Premarin	High
	3	80	Est	0.05 mg	Patch	estradiol	Alora	Standard
	4	80	Est	0.1 mg	Patch	estradiol	Alora	High
Mattsson 2000	1	342	EP seq	2 mg E + 10 mg P	Oral	estradiol + dydrogesterone		Standard
	2	317	EP seq	0.3 mg E + 10 mg P	NasSpr	estradiol + dydrogesterone	Aerodiol	Standard
Saure 2000	1	186	EP seq	1.5 mg E + 0.15 P	Oral	estradiol (E2) + desogestrel	Liseta	Standard
	2	190	EP seq	2 mg E + 10 mg P	Oral	estradiol valerate + medroxyprogesterone acetate	Klimalet	High
Graser 2000	1	199	EP	2 mg E + 2 mg P	Oral	estradiol valerate + dienogest	Climodien	High

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
			comb					
	2	186	EP comb	2 mg E + 3 mg P	Oral	estradiol valerate + dienogest		High
	3	196	EP comb	2 mg E + 1 mg Estriol + 1.0 mg P	Oral	estradiol + estriol + norethisterone acetate	Kliogest	Standard
Rioux 2000	1	80	Est	0.025 mg	VagTab	estradiol	Vagifem	Low
	2	79	Est	1.25 mg	VagCrm	conjugated equine estrogen	Premarin	Standard
Dugal 2000	1	48	Est	0.025 mg	VagTab	estradiol	Vagifem	Low
	2	48	Est	0.5 mg	VagPes	estriol	Ovesterin	Low
Parsey 2000	1	95	Est	0.025mg	Patch	estradiol	Climara	UltraLow
	2	98	Est	0.3mg	Oral	conjugated equine estrogen	Premarin	UltraLow
Meuwissen 2001	1	314	EP seq	2mg E + 0.5mg P	Oral	estradiol valerate + norgestrel	Cyclocur	High
	2	320	EP seq	2mg E + 0.5mg P	Oral	estradiol + trimegestone		Standard
Lopes 2001	1	185	EP seq	0.05 mg E + 10 or 20 mg P	Patch	estradiol + dydrogesterone	Estraderm + dydrogesterone	Standard
	2	176	EP seq	0.3 mg E + 10 or 20 mg P	NasSpr	estradiol + dydrogesterone	Aerodiol + dydrogesterone	Standard
Ozsoy 2002	1	100	EP seq	2 mg E + 5 mg P	Oral	estradiol + medroxyprogesterone acetate		Standard
	2	101	EP seq	0.300 mg E + 5 mg P	NasSpr	estradiol + medroxyprogesterone acetate	Aerodiol + medroxyprogesterone acetate	Standard

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
Loh 2002	1	48	EP comb	1mg E + 0.5mg P	Oral	estradiol + norethisterone acetate		Low
	2	48	EP comb	2mg E + 1mg P	Oral	estradiol + norethisterone acetate		Standard
Buckler (d) 2003	1	75	EP seq	1 mg E + 1 mg P	Oral	estradiol + norethisterone	Elleste Solo + Micronor-HRT	Low
	2	84	EP seq	0.05 mg E + 1 mg P	VayRin	estradiol acetate + norethisterone	Menoring + Micronor-HRT	High
Lobo 2003	1	111	EP comb	0.625 mg	Oral	esterified estrogens	Estratab	Standard
	2	107	ET comb	0.625 mg E + 1.25 mg T	Oral	esterified estrogens + methyltestosterone	Estratest-HS	Standard
Pornel 2005	1	387	EP seq	1 mg E + 0.25 P	Oral	estradiol + trimegestone	Totelle	Low
	2	377	EP seq	1 mg E + 1 mg P	Oral	estradiol valerate + norethisterone	Climagest	Standard
Gambacciani 2005	1	432	EP comb	1 mg E + 0.125 mg P	Oral	estradiol + trimegestone		Low
	2	242	EP comb	1 mg E + 0.5 mg P	Oral	estradiol + norethisterone		Low
	3	176	EP comb	2 mg E + 1 mg P	Oral	estradiol + norethisterone		Standard
Utian 2005	1	79	EP comb	0.9 mg	Oral	estradiol acetate + progestin	Femtrace	Standard
	2	85	EP comb	0.625 mg	Oral	conjugated equine estrogens + progestin	Premarin	Standard
	3	84	EP comb	1 mg	Oral	estradiol + progestin	Estrace	Low
Davis 2005	1	60	Est	0.05 mg	Patch	estradiol	Estraderm	Standard
	2	60	Est	0.30 mg	NasS	estradiol	Aerodiol	Standard

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
Raynaud 2005	1	136	EP seq	0.05 mg + 1.2mg P	Patch	estradiol + norethisterone acetate	Oesclim + Milligynon	Standard
	2	134	EP seq	0.04 mg + 1.2mg P	Patch	estradiol + norethisterone acetate	Estrapatch + Milligynon	Low
	3	135	EP seq	0.06 mg E + 1.2m P	Patch	estradiol + norethisterone acetate	Estrapatch + Milligynon	High
Braunstein 2005	1	119	Est		Patch			
	2	106	ET comb	? mg E + 0.15 mg T	Patch	estrogen + testosterone		
	3	110	ET comb	? mg E + 0.3 mg T	Patch	estrogen + testosterone		
	4	111	ET comb	? mg E + 0.45 mg T	Patch	estrogen + testosterone		
Simon 2005	1	279	Est		Patch			
	2	283	Test	0.3 mg	Patch	testosterone		
Weisberg 2005	1	126	Est	0.008mg	VayRin	estradiol	ESTring	Low
	2	59	Est	0.025mg	VagTab	estradiol	Vagifem	Low
Buster 2005	1	266	Est		Patch			
	2	266	Test	0.3 mg	Patch	testosterone		
Akhila 2006	1	35	EP comb	0.625 mg E + 2.5 mg P	Oral	conjugated equine estrogen + depomedroxyprogesterone acetate	Premarin + MPA	Standard
	2	25	EP comb	1.5 mg E + 2.5 mg P	SknGel	estradiol + depomedroxyprogesterone acetate	Estrogel + MPA	Standard
	3	28	EP	0.05 mg E + 2.5	Patch	estradiol +	Estraderm + MPA	Standard

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
			comb	mg P		depomedroxyprogesterone acetate		d
Serrano 2006	1	55	EP seq	0.625 mg E + 10 mg P	Oral	conjugated estrogens + medroxyprogesterone acetate	Premarin + medroxyprogesterone acetate	Standard
	2	59	EP seq	0.05 mg + 10 mg P	Patch	estradiol + medroxyprogesterone acetate	Climara + medroxyprogesterone acetate	Standard
Cieraad 2006	1	98	EP seq	1 mg E + 10 mg P	Oral	estradiol + dydrogesterone		Low
	2	91	EP seq	0.625 mg E + 0.15 mg P	Oral	conjugated equine estrogens + norgestrel		Standard
Davis 2006	1	39	Est		Patch			
	2	37	comb	?mg E + 0.3 mg T	Patch			
Long 2006	1	37	Est	0.625mg	Oral	conjugated equine estrogen		Standard
	2	36	Est	0.625mg/1g cream	VagCrm	conjugated equine estrogen	Premarin	Standard
Shifren 2006	1	273	EP comb	?mg E	Patch			
	2	276	ET comb	?mg E + 0.3 mg T	Patch	testosterone		
Limpaphayom (m) 2006	1	342	EP comb	0.3 mg E + 1.5 mg P	Oral	conjugated estrogens + medroxyprogesterone acetate		UltraLow
	2	342	EP comb	0.45 mg E + 1.5 mg P	Oral	conjugated estrogens + medroxyprogesterone acetate		Low
	3	344	EP comb	0.625 mg E + 2.5 mg P	Oral	conjugated estrogens + medroxyprogesterone acetate		Standard
Odabasi 2007	1	32	EP comb	0.3mg E + 90mg P	NasSpr	estradiol + progesterone	Aerodiol + Crinone	Standard

Study	Arm	N	RxCat	Dose	Route	Generic	Trade	Est Dose
	2	29	EP comb	0.050mg E + 90mg P	Patch	estradiol + progesterone	Climara + Crinone	Standard
Pitkin (d) 2007	1	152	EP comb	1 mg E + 2.5 mg P	Oral	estradiol valerate (E2V) + medroxyprogesterone acetate (MPA)		Standard
	2	153	EP comb	1 mg E + 5 mg P	Oral	estradiol valerate (E2V) + medroxyprogesterone acetate (MPA)		Standard
	3	154	EP comb	2 mg E + 5 mg P	Oral	estradiol valerate (E2V) + medroxyprogesterone acetate (MPA)		High
Penteado 2008	1	27	EP comb	0.625 mg E + 2.5 mg P	Oral	conjugated equine estrogens + medroxyprogesterone acetate		Standard
	2	29	ET comb	0.625 mg E + 2.5 mg P + 2.0 mg T	Oral	conjugated equine estrogens + medroxyprogesterone acetate + methyltestosterone		Standard
Panay 2010	1	142	Est		Patch			
	2	130	ET comb	0.30 mg	Patch			

(d): duplicate patient population with other included article; EP comb: estrogen plus progestin combined; EP seq: estrogen plus progestin sequential; Est: estrogen alone; ET comb: estrogen plus testosterone combine; (m): trial contains data from multiple publications; NasSpr: nasal spray; RxCat: treatment category; SknGel: skin gel; VagCrm: vaginal cream; VagOvu: vaginal ovule; VagPes: vaginal pessary; VagRin: vaginal ring; VagTab: vaginal tablet