

Reference	year	country	language	type of study	age group	dysfunction	quantification	treatment class	ATC 2nd level	treatment substance	ATC code	dose	treatment period	patient number	treatment consequences	efficacy	side effects	randomization	dose arm 1	dose arm 2	dose arm 3	study quality	remarks
1722: Basile Fasolo C, Mirone V, Gentile V, Parazzini F, Ricci E; Andrology Prevention Week centers; Italian Society of Andrology (SIA). Premature ejaculation: prevalence and associated conditions in a sample of 12,558 men attending the andrology prevention week 2001—a study of the Italian Society of Andrology (SIA).J Sex Med. 2005 May;2(3):376-82	2005	Italy	English	outpatient based cross section study	all ages	diabetes mellitus	ejaculation history	drugs used in diabetes	A10	none				569	premature ejaculation	no association						2-	
1724: Li MK, Garcia LA, Rosen R. Lower urinary tract symptoms and male sexual dysfunction in Asia: a survey of ageing men from five Asian countries. BJU Int. 2005 Dec;96(9):1339-54.	2005	Singapore	English	population based cross section study	50-80	cardiac disease	ejaculation history	cardiac therapy	C01	cardiac therapy	C01			1155	abnormal ejaculation	OR 1.98 (95% CI 1.28–3.06)						2+	
1994: Kohn FM, Schill WB. The alpha-sympathomimetic midodrin as a tool for diagnosis and treatment of sperm transport disturbances. Andrologia. 1994 Sep-Oct;26(5):283-7.	1994	Germany	English	prospective	young	oligozoospermia	semen parameters	cardiac therapy	C01	midodrine	C01CA17	5-15 mg	single dose	140	semen parameters, improvement	In 23/140 patients, sperm count was improved by more than 10.10(6) spermatozoa per ml.		no				3	
1733: Blanchard-Dauphin A, Rigot JM, Thevenon A. Treatment of ejaculation disorders by midodrine (Gutron) per os. Retrospective study of about 16 subjects. Ann Readapt Med Phys. 2005 Feb;48(1):34-40.	2005	France	French	retrospective	36 mean	retrograde ejaculation	ejaculation history	cardiac therapy	C01	midodrine	C01CA17	2.5-20 mg	single dose	16	antegrade ejaculation, induction	ineffective in 8 patients	exceptional	no				3	
1782: Staerman F, Bryckaert PE, Youinou Y, Colin J, Brandt B, Lardennois B. Pharmacologic stimulation of ejaculation with midodrine hydrochloride (Gutron) for medically assisted reproduction in spinal injury. Prog Urol. 2001 Dec;11(6):1264-8.	2001	France	French	prospective	25.8 mean	retrograde ejaculation in spinal injury	ejaculation history	cardiac therapy	C01	midodrine	C01CA17	10-30 mg as infusion		14	antegrade ejaculation, induction	10 of 14 patients						3	
1995: Jonas D, Linzbach P, Weber W. The use of Midodrin in the treatment of ejaculation disorders following retroperitoneal lymphadenectomy. Eur Urol. 1979;5(3):184-7.	1979	Germany	English	prospective	young	retroperitoneal lymphadenectomy	ejaculation history	cardiac therapy	C01	midodrine	C01CA17	10-30 mg/d	n.g.	12	antegrade ejaculation, induction	1 of 12 patients		no				3	
1979: Riley AJ, Riley EJ. Partial ejaculatory incompetence: the therapeutic effect of midodrine, an orally active selective alpha-adrenoceptor agonist. Eur Urol. 1982;8(3):155-60.	1982	USA	English	prospective	young	retrograde ejaculation	ejaculation history	cardiac therapy	C01	midodrine	C01CA17	n.g.	n.g.	6	ejaculation volume, increased	in most cases		cross-over				2+	
1722: Basile Fasolo C, Mirone V, Gentile V, Parazzini F, Ricci E; Andrology Prevention Week centers; Italian Society of Andrology (SIA). Premature ejaculation: prevalence and associated conditions in a sample of 12,558 men attending the andrology prevention week 2001—a study of the Italian Society of Andrology (SIA).J Sex Med. 2005 May;2(3):376-82	2005	Italy	English	outpatient based cross section study	all ages	cardiac disease	ejaculation history	cardiac therapy	C01	none				569	premature ejaculation	no association						2-	
1721: Stulhofer A, Bajic Z. Prevalence of erectile and ejaculatory difficulties among men in Croatia. Croat Med J. 2006 Feb;47(1):114-24	2006	Croatia	English	population based cross section study	>36	low physical activity	sexual function questionnaire	cardiac therapy	C01	none				30;208	premature ejaculation	OR 0.5 (95% CI 0.2-1.5)						2+	
1763: Ichiyanagi O, Sasagawa I, Suzuki Y, Matsuki S, Itoh K, Miura M, Tomita Y. Successful treatment of retrograde ejaculation with amezinium. Arch Androl. 2003 May-Jun;49(3):215-7.	2003	Japan	English	prospective	young	retrograde ejaculation	ejaculation history	antihypertensives	C02	amezinum	Not listed	10 mg/d	n.g.	3	antegrade ejaculation, induction	in all cases up to 28.7 mill/ml sperm	none	no				3	
1949: Homonnai ZT, Shilon M, Paz GF. Phenoxybenzamine—an effective male contraceptive pill. Contraception. 1984 May;29(5):479-91.	1984	Israel	English	prospective	young	contraception	ejaculation history	peripheral vasodilators	C04	phenoxybenzamine	C04AX02	20 mg/d	n.g.	n.g.	ejaculation after orgasm, blockade	after 2-3 days						3	
1919: O'Meara J, White WB. Ejaculatory failure and urinary dysfunction secondary to labetalol. J Urol. 1988 Feb;139(2):371-2.	1988	UK	English	retrospective	old	hypertension	ejaculation history	beta blocking agents	C07	labetalol	C07AG01	n.g.	continuous	3	anejaculation, induction	slow development						3	

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1722: Basile Fasolo C, Mirone V, Gentile V, Parazzini F, Ricci E; Andrology Prevention Week centers; Italian Society of Andrology (SIA). Premature ejaculation: prevalence and associated conditions in a sample of 12,558 men attending the andrology prevention week 2001—a study of the Italian Society of Andrology (SIA).J Sex Med. 2005 May;2(3):376-82	2005	Italy	English	outpatient based cross section study	all ages	hypertension	ejaculation history	antihypertensives	C02	none				569	premature ejaculation	no association						2-	
1724: Li MK, Garcia LA, Rosen R. Lower urinary tract symptoms and male sexual dysfunction in Asia: a survey of ageing men from five Asian countries. BJU Int. 2005 Dec;96(9):1339-54.	2005	Singapore	English	population based cross section study	50-80	hypercholesterolemia	ejaculation history	lipid modifying agents	C10	various	C10A			1155	abnormal ejaculation	OR 0.84 (95% CI 0.59–1.19)						2+	
1708: McMahon CG, Stuckey BG, Andersen M, Purvis K, Koppiker N, Haughie S, Boolell M. Efficacy of sildenafil citrate (Viagra) in men with premature ejaculation. J Sex Med. 2005 May;2(3):368-75.	2005	Australia	English	prospective, randomized	18-65	premature ejaculation	IELT	urologicals	G04	sildenafil	G04BE03	50mg	8w	n.g.	ejacula-tion latency, improvement	no increase of latency, but increased perception of ejaculatory control		yes	placebo	sildenafil		1-	
1724: Li MK, Garcia LA, Rosen R. Lower urinary tract symptoms and male sexual dysfunction in Asia: a survey of ageing men from five Asian countries. BJU Int. 2005 Dec;96(9):1339-54.	2005	Singapore	English	population based cross section study	50-80	LUTS	ejaculation history	urologicals	G04	urologicals	G04C			1155	abnormal ejaculation	OR 1.44 (95% CI 1.06–1.96), increasing with LUTS severity						2+	
1726: Sak SC, Hussain Z, Johnston C, Eardley I. What is the relationship between male sexual function and lower urinary tract symptoms (LUTS)? Eur Urol. 2004 Oct;46(4):482-7.	2004	USA	English	outpatient based cross section study	63 mean	LUTS	sexual func-tion inven-tory (SFI)	urologicals	G04	various	G04C			696	abnormal ejaculation	correlation with age, cor-relation with IPSS						2-	
1730: van Moorselaar RJ, Hartung R, Emberton M, Harving N, Matzkin H, Elhilali M, Alcaraz A, Vallancien G; ALF-ONE Study Group. Alfuzosin 10 mg once daily improves sexual function in men with lower urinary tract symptoms and concomitant sexual dysfunction. BJU Int. 2005 Mar;95(4):603-8.	2005	The Netherlands	English	prospective	65.9 mean	LUTS	IPSS	urologicals	G04	alfuzosin	G04CA01	10mg/d	continuous	3076	IPSS, rigidity, ejaculation, improvement	good	no side effects in real life practice	no				3	
1701: Giuliano F. Impact of medical treat-ments for benign prostatic hyperplasia on sexual function. BJU Int. 2006 Apr;97 Suppl 2:34-8; discussion 44-5.	2006	France	English	prospective	18-36	healthy	ejaculation history	urologicals	G04	alfuzosin	G04CA01	10mg/d	5d	48	ejaculation vol-ume, increase	by 0.3ml		yes, crossover				1-	
1701: Giuliano F. Impact of medical treat-ments for benign prostatic hyperplasia on sexual function. BJU Int. 2006 Apr;97 Suppl 2:34-8; discussion 44-5.	2006	France	English	prospective	18-36	healthy	ejaculation history	urologicals	G04	tamsulosin	G04CA02	0.8mg/d	5d	48	ejaculate volume, decrease	by 2.4ml		yes,crossover				1-	
1986: Hellstrom WJ, Sikka SC. Effects of acute treatment with tamsulosin versus alfuzosin on ejaculatory function in normal volunteers. J Urol. 2006 Oct;176(4 Pt 1):1529-33.	2006	USA	English	prospective, randomized	middle-aged	healthy	ejaculation history	urologicals	G04	tamsulosin	G04CA02	0.8 mg/d	5d	48	seminal volume, decreased by more than 20%	89% in tamsulosin, 20% in alfuzosin, 12% in placebo	none	yes	tamsu-losin	alfuzosin	placebo	1+	
1777: Demyttenaere K, Huygens R. Painful ejaculation and urinary hesitancy in associa-tion with antidepressant therapy: relief with tamsulosin. Eur Neuropsychopharmacol. 2002 Aug;12(4):337-41.	2002	Belgium	English	case report	young	depression	ejaculation history	urologicals	G04	tamsulosin	G04CA02	n.g.	n.g.	2	ejaculation qual-ity, improvement	prompt and complete resolution of pain						3	
1981: Schulman CC. Lower urinary tract symptoms/benign prostatic hyperplasia: minimizing morbidity caused by treatment. Urology. 2003 Sep;62(3 Suppl 1):24-33.	2003	Belgium	English	review	old	LUTS	ejaculation history	urologicals	G04	tamsulosin	G04CA02	n.g.	n.g.	n.g.	retrograde ejacu-lation, induction	4-11%		no				4	
1747: Roehrborn CG, Marks LS, Fenter T, Freedman S, Tuttle J, Gittleman M, Morrill B, Wolford ET. Efficacy and safety of dutasteride in the four-year treatment of men with benign prostatic hyperplasia. Urology. 2004 Apr;63(4):709-15.	2004	USA	English	retrospective	old	benign prostatic hyperplasia	IPSS	urologicals	G04	dutasteride	G04CB02	n.g.	2y	2802	sexual functions, impairment	in 6.1% of dutasterid group, in 3% of placebo group		yes	dutaste-ride	placebo		1+	
1812: Hofner K, Claes H, De Reijke TM, Folkes-tad B, Speakman MJ. Tamsulosin 0.4 mg once daily: effect on sexual function in patients with lower urinary tract symptoms suggestive of benign prostatic obstruction. Eur Urol. 1999 Oct;36(4):335-41.	1999	Germany	English	retrospective	old	LUTS	sexual func-tion score	urologicals	G04	α adrenoreceptor agonists	G04CX	n.g.	12w	830	abnormal ejacula-tion, induction	similar rate in different α-blockers		yes	tamsu-losin	alfuzosin	placebo	1+	

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1725: Milani S, Djavan B. Lower urinary tract symptoms suggestive of benign prostatic hyperplasia: latest update on alpha-adrenoceptor antagonists. BJU Int. 2005 Jun;95 Suppl 4:29-36.	2005	Austria	English	review	old	LUTS	IPSS	urologicals	G04	α adrenoreceptor agonists	G04CX	n.g.	continuous	n.g.	abnormal ejaculation	similar rate in different α-blockers						4	
1783: Walch K, Eder R, Schindler A, Feichtinger W. The effect of single-dose oxytocin application on time to ejaculation and seminal parameters in men. J Assist Reprod Genet. 2001 Dec;18(12):655-9.	2001	Austria	English	prospective, randomized	young	healthy	semen parameters	pituitary and hypothalamic hormones and analogues	H01	oxytocin	H01BB02	16IU intranasally	prior to ejaculation	103	seminal parameters, alteration	ineffective	none	yes	oxytocin	placebo		1+	
1985: Byrne MM, Rolf C, Depenbusch M, Cooper TG, Nieschlag E. Lack of effect of a single i.v. dose of oxytocin on sperm output in severely oligozoospermic men. Hum Reprod. 2003 Oct;18(10):2098-102.	2003	Germany	English	prospective, randomized	young	infertility	semen parameters	pituitary and hypothalamic hormones and analogues	H01	oxytocin	H01BB02	0.75 IU i.v.	prior to ejaculation	49	seminal parameters, alteration	ineffective	none	yes	oxtocin	placebo		1+	
1717: Carani C, Isidori AM, Granata A, Carosa E, Maggi M, Lenzi A, Jannini EA. Multicenter study on the prevalence of sexual symptoms in male hypo- and hyperthyroid patients. J Clin Endocrinol Metab. 2005 Dec;90(12):6472-9. Epub 2005 Oct 4.	2005	Italy	English	retrospective	middle-aged	thyroid diseases	sexual function score	thyroid therapy	H03	thyroid hormones	H03AA	various	16w	48	sexual functions, improvement	with thyroid hormone treatment						3	
1830: Denys P, Mane M, Azouvi P, Chartier-Kastler E, Thiebaut JB, Bussel B. Side effects of chronic intrathecal baclofen on erection and ejaculation in patients with spinal cord lesions. Arch Phys Med Rehabil. 1998 May;79(5):494-6.	1998	France	English	retrospective	38.2 mean	spinal cord injury	ejaculation history	muscle relaxants	M03	baclofen intrathecal	M03BX01	290+/-68mg/d	continuous	3	anejaculation, induction	in 2 of 3 patients		no				3	
1745: Busato W, Galindo CC. Topical anaesthetic use for treating premature ejaculation: a double-blind, randomized, placebo-controlled study. BJU Int. 2004 May;93(7):1018-21.	2004	Brazil	English	prospective, randomized	18-45	premature ejaculation	IELT	anaesthetics	N01	lidocaine locally	N01BB02	not mentioned	60d	42	ejaculation latency, improvement	from 1:49 min to 8:45 min in verum, none in placebo		yes	lidocaine	placebo		1-	
1771: Atikeler MK, Gecit I, Senol FA. Optimum usage of prilocaine-lidocaine cream in premature ejaculation. Andrologia. 2002 Dec;34(6):356-9.	2002	Turkey	English	prospective, randomized	young	premature ejaculation	IELT	anaesthetics	N01	lidocaine locally	N01BB02	n.g.	local	40	ejaculation latency, improvement	to 6-8min	six patients loss of erection	yes	20 min prior to coitus	30 min prior to coitus	placebo	1-	
1703: Atan A, Basar MM, Tuncel A, Ferhat M, Agras K, Tekdogan U. Comparison of efficacy of sildenafil-only, sildenafil plus topical EMLA cream, and topical EMLA-cream-only in treatment of premature ejaculation. Urology. 2006 Feb;67(2):388-91.	2006	Turkey	English	prospective	32.5 mean	premature ejaculation	ejaculation history	anaesthetics	N01	lidocaine locally	N01BB02	n.g.	15 min before coitus	22	ejaculation latency, improvement	in 86% of patients		yes	sildenafil	sildenafil + EMLA	placebo	1-	
1757: Henry R, Morales A. Topical lidocaine-prilocaine spray for the treatment of premature ejaculation: a proof of concept study. Int J Impot Res. 2003 Aug;15(4):277-81.	2003	USA	English	prospective	young	premature ejaculation	IELT	anaesthetics	N01	lidocaine locally	N01BB02	n.g.	on demand	14	ejaculation latency, improvement	from 1:24 min to 11:21 mins		no				2+	
1813: Labbate LA, Rubey RN. Gabapentin-induced ejaculatory failure and anorgasmia. Am J Psychiatry. 1999 Jun;156(6):972.	1999	.	English	case report	young	epilepsy	sexual function score	antiepileptics	N03	gabapentin	N03AX12	900-1800mg/d	1m	1	anejaculation, anorgasmia, induction	during treatment						4	
1990: Lewis R, Bagnall A-M, Leitner M: Sertindole for schizophrenia. The Cochrane Database of Systematic Reviews 2006 Issue 4	2006	UK	English	review	young	schizophrenia	ejaculation history	psycholeptics	N05	sertindole	N05AE03	24mg/d	n.g.	282	ejaculation volume, decreased	33/282, in haloperidol 6/252		yes	sertindole	haloperidole		1+	
1761: Holtmann M, Gerstner S, Schmidt MH. Risperidone-associated ejaculatory and urinary dysfunction in male adolescents. J Child Adolesc Psychopharmacol. 2003 Spring;13(1):107-9.	2003	Germany	English	retrospective	young	schizophrenia	ejaculation history	psycholeptics	N05	risperidone	N05AX08	n.g.	continuous	2	retrograde ejaculation, induction	during treatment		no				3	risperidone has also α adrenergic blocking effects
1746: Loh C, Leckband SG, Meyer JM, Turner E. Risperidone-induced retrograde ejaculation: case report and review of the literature. Int Clin Psychopharmacol. 2004 Mar;19(2):111-2.	2004	USA	English	case report	51	schizophrenia	retrograde ejaculation	psycholeptics	N05	risperidone	N05AX08	8mg/d	continuous	1	retrograde ejaculation, induction	during treatment	n.g.					3	
1810: Raja M. Risperidone-induced absence of ejaculation. Int Clin Psychopharmacol. 1999 Sep;14(5):317-9.	1999	Italy	English	case report	young	schizophrenia	ejaculation history	psycholeptics	N05	risperidone	N05AX08	n.g.	n.g.	1	anejaculation, development	slow development						3	

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1972: Girgis SM, El-Haggag S, El-Hermouzy S. A double-blind trial of clomipramine in premature ejaculation. Andrologia. 1982 Jul-Aug;14(4):364-8.	1982	n.g.	English	prospective, randomized	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	clomipramine	N06AA04	20mg/d	6w	50	ejacula-tion latency, improvement	significantly		yes	clomip-ramine	placebo		1+	
1980: Strassberg DS, de Gouveia Brazao CA, Rowland DL, Tan P, Slob AK. Clomipramine in the treatment of rapid (prema-ture) ejaculation. J Sex Marital Ther. 1999 Apr-Jun;25(2):89-101.	1999	USA	English	prospective	young	premature ejaculation	sexual func-tion score	psychoanaleptics	N06	clomipramine	N06AA04	25mg	2w	34	ejaculation latency, improve-ment; control over orgasm, improvement	good; poor		yes	clomip-ramine	placebo		1-	
1996: Monteiro WO, Noshirvani HF, Marks IM, Lelliott PT. Anorgasmia from clomipramine in obsessive-compulsive disorder. A controlled trial. Br J Psychiatry. 1987 Jul;151:107-12.	1987	UK	English	prospective, randomized	young	obsessive-compul-sive disorder	sexual func-tion score	psychoanaleptics	N06	clomipramine	N06AA04	25mg	continuous	33	orgasm, delayed	24/24 total or partial anorgasmia in verum group		yes	clomip-ramine	placebo		1-	
1977: Schwarcz G. Case report of inhibition of ejaculation and retrograde ejaculation as side effects of amoxapine. Am J Psychiatry. 1982 Feb;139(2):233-4.	1982	USA	English	case report	33	depression	ejaculation history	psychoanaleptics	N06	amoxapine	N06AA17	150mg/d	7d	1	ejaculation after orgasm, blockade	significantly						3	
1707: Waldinger MD, Schweitzer DH, Olivier B. On-demand SSRI treatment of premature ejaculation: pharmacodynamic limitations for relevant ejaculation delay and consequent solutions. J Sex Med. 2005 Jan;2(1):121-31.	2005	The Netherlands	English	review	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	on demand	n.g.	ejacula-tion latency, improvement	on-demand SSRI treat-ment has less ejaculation-delaying effects than daily SSRI treatment						4	
1842: Montejo AI, Llorca G, Izquierdo JA, Ledesma A, Bousono M, Calcedo A, Carrasco. Sexual dysfunction secondary to SSRIs. A comparative analysis in 308 patients. Actas Luso Esp Neurol Psiquiatr Cienc Afines. 1996 Nov-Dec;24(6):311-21.	1996	Spain	Spanish	retrospective	41 mean	depression	sexual func-tion score	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	continous	139	ejacula-tion latency, improvement	in 22.6%		no				3	
1824: Waldinger MD, Hengeveld MW, Zwinderman AH, Olivier B. Effect of SSRI antidepressants on ejaculation: a double-blind, randomized, placebo-controlled study with fluoxetine, fluvoxamine, paroxetine, and sertraline. J Clin Psychopharmacol. 1998 Aug;18(4):274-81.	1998	The Netherlands	English	prospective, randomized	young	premature ejaculation	IELT	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	6w	60	ejacula-tion latency, improvement	best in paroxetine		yes	parox-etine	fluoxetin	placebo	1+	
1825: Kim SC, Seo KK. Efficacy and safety of fluoxetine, sertraline and clomipramine in patients with premature ejaculation: a double-blind, placebo controlled study. J Urol. 1998 Feb;159(2):425-7.	1998	Korea	English	prospective, randomized	44 mean	premature ejaculation	IELT	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	4w	36	ejacula-tion latency, improvement	from 0:36min to 5:45 min in chlorpromazine	high num-ber of side effects in chlomip-ramine	yes	fluoxetine	chlomip-ramine	placebo	1+	
1737: Waldinger MD, Zwinderman AH, Olivier B. On-demand treatment of premature ejac-ulation with clomipramine and paroxetine: a randomized, double-blind fixed-dose study with stopwatch assessment. Eur Urol. 2004 Oct;46(4):510-5; discussion 516.	2004	The Netherlands	English	prospective, randomized	young	premature ejaculation	IELT	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	4w	30	ejacula-tion latency, improvement	5.04 fold by clopmipra-mid, 1.41 by placebo	nausea the day after coitus	yes	clomip-ramide 25mg	parox-etine 20mg		1+	
1752: Waldinger MD, Zwinderman AH, Olivier B. Antidepressants and ejaculation: a double-blind, randomized, fixed-dose study with mirtazapine and paroxetine. J Clin Psycho-pharmacol. 2003 Oct;23(5):467-70.	2003	The Netherlands	English	prospective, randomized	young	premature ejaculation	IELT	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	6w	24	ejacula-tion latency, improvement	from 15 to 119 seconds in paroxetine, from 23 to 28s in mirtazapine		yes	parox-etine 20mg/d	mir-tazapine 30mg/d		1+	
1992: Montague DK, Jarow J, Broderick GA, Dmochowski RR, Heaton JP, Lue TF, Nehra A, Sharlip ID; AUA Erectile Dysfunction Guide-line Update Panel. AUA guideline on the pharmacologic management of premature ejaculation. J Urol. 2004 Jul;172(1):290-4.	2004	USA	English	guideline	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	selective serotonin reuptake inhibitor (SSRI)	N06AB	various	continuous		ejacula-tion latency, improvement	significantly	headache, nausea, sweating, dizziness	guideline				1+	
1991: Haensel SM, Klem TM, Hop WC, Slob AK. Fluoxetine and premature ejaculation: a double-blind, crossover, placebo-con-trolled study. J Clin Psychopharmacol. 1998 Feb;18(1):72-7.	1998	The Netherlands	English	prospective	young	premature ejaculation	sexual function	psychoanaleptics	N06	fluoxetine	N06AB03	10mg/d	2w	40	ejaculation la-tency, increase		no maior	yes	fluoxetine	placebo		1-	
1762: Manasia P, Pomerol J, Ribe N, Gutierrez del Pozo R, Alcover Garcia J. Comparison of the efficacy and safety of 90 mg versus 20 mg fluoxetine in the treatment of premature ejaculation. J Urol. 2003 Jul;170(1):164-5.	2003	Spain	English	prospective, randomized	36 mean	premature ejaculation	IELT	psychoanaleptics	N06	fluoxetine	N06AB03	n.g.	3m	80	ejacula-tion latency, improvement	from 0.5 to 3.57min in both groups		yes	fluox-etine 20mg/d	fluox-etine 90mg/w		1+	

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1714: Metin A, Kayigil O, Ahmed SI. Does lidocaine ointment addition increase fluoxetine efficacy in the same group of patients with premature ejaculation? Urol Int. 2005;75(3):231-4.	2005	Turkey	English	prospective	young	premature ejaculation	IELT	psychoanaleptics	N06	fluoxetine	N06AB03	n.g.	3m	78	ejacula-tion latency, improvement	better when lidocain gel added						2+	
1805: Murat Basar M, Atan A, Yildiz M, Baykam M, Aydoganli L. Comparison of sertraline to fluoxetine with regard to their efficacy and side effects in the treatment of premature ejaculation. Arch Esp Urol. 1999 Nov;52(9):1008-11.	1999	Turkey	English	prospective, randomized	27 mean	premature ejaculation	ejaculation history	psychoanaleptics	N06	fluoxetine	N06AB03	40 mg/d	8w	57	ejacula-tion latency, improvement	in 72%	23% (nausea, headache, insomnia)	yes	fluoxetine	placebo		1+	
1797: Atan A, Basar MM, Aydoganli L. Comparison of the efficacy of fluoxetine alone vs. fluoxetine plus local lidocaine ointment in the treatment of premature ejaculation. Arch Esp Urol. 2000 Nov;53(9):856-8.	2000	Turkey	English	prospective, randomized	19-48	premature ejaculation	ejaculation history	psychoanaleptics	N06	fluoxetine	N06AB03	20mg/d	8w	26	ejacula-tion latency, improvement	in 31% with fluoxetine, in 53% with fluoxetine + local anaesthetic	6%	yes	fluoxetine	fluox-etine + local anaeth-etic		1+	
1984: Safarinejad MR, Hosseini SY. Safety and efficacy of citalopram in the treatment of pre-mature ejaculation: a double-blind placebo-controlled, fixed dose, randomized study. Int J Impot Res. 2006 Mar-Apr;18(2):164-9.	2006	Iran	English	prospective, randomized	young	premature ejaculation	ejaculation history, IELT, IIEF	psychoanaleptics	N06	citalopram	N06AB04	20 mg/d	12w	58	IELT, increase	in verum 32 to 268 s, in placebo from 28 to 38 s	12 adverse events	yes	citalo-pram	placebo		1+	
1769: Atmaca M, Kuloglu M, Tezcan E, Semercioz A. The efficacy of citalopram in the treatment of premature ejaculation: a placebo-controlled study. Int J Impot Res. 2002 Dec;14(6):502-5.	2002	Turkey	English	prospective, randomized	young	premature ejaculation	IELT	psychoanaleptics	N06	citalopram	N06AB04	n.g.	4w	26	ejacula-tion latency, improvement	in 70% in citalopram, in 7.7% in placebo		yes	citalo-pram	placebo		1+	
1750: Adson DE, Kotlyar M. Premature ejacu-lation associated with citalopram withdrawal. Ann Pharmacother. 2003 Dec;37(12):1804-6.	2003	USA	English	case report	43	depression	ejaculation history	psychoanaleptics	N06	citalopram	N06AB04	n.g.	discon-tinuation	1	premature ejaculation	as a consequence of discontinuation						3	
1772: Salonia A, Maga T, Colombo R, Scattoni V, Briganti A, Cestari A, Guazzoni G, Rigatti P, Montorsi F. A prospective study comparing paroxetine alone versus paroxetine plus silde-nafil in patients with premature ejaculation. J Urol. 2002 Dec;168(6):2486-9.	2002	Italy	English	prospective, randomized	34 mean	premature ejaculation	IELT	psychoanaleptics	N06	paroxetine	N06AB05	10-20mg/d	6m	80	ejacula-tion latency, improvement	better in group with addi-tion of sildenafil		no	paroxetin	p + sildenafil	placebo	2+	
1790: Abdel-Hamid IA, El Naggar EA, El Gilany AH. Assessment of as needed use of pharma-cotherapy and the pause-squeeze technique in premature ejaculation. Int J Impot Res. 2001 Feb;13(1):41-5.	2001	Egypt	English	prospective, randomized	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	paroxetine, clomip-ramine, sertraline	N06AB05	n.g.	3-5 h prior to coitus	31	ejacula-tion latency, improvement	best in paroxetine		yes	parox-etine	sildenafil	pause-squeeze technique	1+	
1785: Waldinger MD, Zwinderman AH, Olivier B. SSRIs and ejaculation: a double-blind, ran-domized, fixed-dose study with paroxetine and citalopram. J Clin Psychopharmacol. 2001 Dec;21(6):556-60.	2001	The Netherlands	English	prospective, randomized	young	premature ejaculation	IELT	psychoanaleptics	N06	paroxetine and citalopram	N06AB05	20mg/d	5w	30	ejacula-tion latency, improvement	8.9 fold with prilocaine, 1.8 fold in citalopram		yes	parox-etine	citalo-pram		1+	
1814: McMahon CG, Touma K. Treatment of premature ejaculation with paroxetine hydro-chloride as needed: 2 single-blind placebo controlled crossover studies. J Urol. 1999 Jun;161(6):1826-30.	1999	Australia	English	prospective, randomized	40.5 mean	premature ejaculation	IELT	psychoanaleptics	N06	paroxetine	N06AB05	10mg/d + 20mg on demand	3w	42	ejacula-tion latency, improvement	0.3 to 3.5min; placebo 0.3 to 0.6min			parox-etine	placebo		1+	
1814: McMahon CG, Touma K. Treatment of premature ejaculation with paroxetine hydro-chloride as needed: 2 single-blind placebo controlled crossover studies. J Urol. 1999 Jun;161(6):1826-30.	1999	Australia	English	prospective, randomized	39.5 mean	premature ejaculation	IELT	psychoanaleptics	N06	paroxetine	N06AB05	20mg	on demand	26	ejacula-tion latency, improvement	0.3 to 3.2min; placebo 0.3 to 0.45min		yes	parox-etine	placebo		1+	
1719: Rivera P, Gonzalez R, Gonzalez F, Storme O. Use of paroxetine on-demand in premature ejaculation. Actas Urol Esp. 2005 Apr;29(4):387-91.	2005	Spain	Spanish	prospective, crossover	young	premature ejaculation	IELT	psychoanaleptics	N06	paroxetine	N06AB05	n.g.	3w	14	ejacula-tion latency, improvement	from 0.4 to 5.8 min in paroxetine on demand		no	parox-etine daily 20mg	parox-etine on demand	placebo	2+	
1819: Biri H, Isen K, Sinik Z, Onaran M, Kupeli B, Bozkirli I. Sertraline in the treatment of premature ejaculation: a double-blind placebo controlled study. Int Urol Nephrol. 1998;30(5):611-5.	1999	Turkey	English	prospective, randomized	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	sertraline	N06AB06	50mg	4w	37	ejacula-tion latency, improvement	significantly	none	yes	sertraline	placebo		1-	

Reference	year	country	language	type of study	age group	dysfunction	quantification	treatment class	ATC 2nd level	treatment substance	ATC code	dose	treatment period	patient number	treatment consequences	efficacy	side effects	randomization	dose arm 1	dose arm 2	dose arm 3	study quality	remarks
1895: Aizenberg D, Zemishlany Z, Hermesh H, Karp L, Weizman A. Painful ejaculation associated with antidepressants in four patients. J Clin Psychiatry. 1991 Nov;52(11):461-3.	1991	Israel	English	retrospective	young	depression	ejaculation history	psychoanaleptics	N06	antidepressants, tricyclic	N06AX	n.g.	3w	4	ejaculation quality, painful	resolving of pain after withdrawal of medication						3	
1982: Modi NB, Dresser MJ, Simon M, Lin D, Desai D, Gupta S. Single- and multiple-dose pharmacokinetics of dapoxetine hydrochloride, a novel agent for the treatment of premature ejaculation. J Clin Pharmacol. 2006 Mar;46(3):301-9.	2006	USA	English	prospective	18-45	premature ejaculation	ejaculation history	psychoanaleptics	N06	dapoxetine	not listed	30 mg/d	single dose	42	ejaculation latency, improvement	rapid onset, rapid clearance after orgasm	no serious adverse events	yes	dapoxetine 30mg	dapoxetine 60mg		1-	
1705: Andersson KE, Mulhall JP, Wyllie MG. Pharmacokinetic and pharmacodynamic features of dapoxetine, a novel drug for 'on-demand' treatment of premature ejaculation. BJU Int. 2006 Feb;97(2):311-5.	2006	UK	English	retrospective	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	dapoxetine	not listed	n.g.	on demand	n.g.	ejaculation latency, improvement	rapid onset, rapid clearance after orgasm		no				3	
1983: Dresser MJ, Desai D, Gidwani S, Seftel AD, Modi NB. Dapoxetine, a novel treatment for premature ejaculation, does not have pharmacokinetic interactions with phosphodiesterase-5 inhibitors. Int J Impot Res. 2006 Jan-Feb;18(1):104-10.	2006	USA	English	prospective	young	premature ejaculation	ejaculation history	psychoanaleptics	N06	dapoxetine	not listed	60 mg/d	4w	24	pharmacokinetic in the combination with sildenafil and tadalafil	sildenafil increased AUC of dapoxetine by 22%	clinically irrelevant side effects	cross-over	dapoxetine +tadalafil	dapoxetine +sildenafil	dapoxetine	1+	
1946: Jones SD. Ejaculatory inhibition with trazodone. J Clin Psychopharmacol. 1984 Oct;4(5):279-81.	1984	USA	English	case report	middle-aged	depression	ejaculation history	psychoanaleptics	N06	tradozone	not listed	n.g.	n.g.	1	„dry orgasm“	during treatment						3	
1735: Bernik M, Vieira AH, Nunes PV. Bethanechol chloride for treatment of clomipramine-induced orgasmic dysfunction in males. Rev Hosp Clin Fac Med Sao Paulo. 2004 Dec;59(6):357-60. Epub 2005 Jan 11.	2004	Brazil	English	prospective	young	panic disorder, clomipramine-treated	ejaculation history	other nervous system drugs	N07	bethanechol	N07AB02	20mg	14d	12	ejaculation delay induced by clomipramine	improvement	no side effects	yes	bethanechol	placebo		1-	
1736: Yager J. Bethanechol chloride can reverse erectile and ejaculatory dysfunction induced by tricyclic antidepressants and mazindol: case report. J Clin Psychiatry. 1986 Apr;47(4):210-1.	1986	USA	English	retrospective	43	bulimia, treated with antidepressants	ejaculation history	other nervous system drugs	N07	bethanechol	N07AB02	20mg	on demand	1	ejaculation delay induced by antidepressants	improvement						3	
1721: Stulhofer A, Bajic Z. Prevalence of erectile and ejaculatory difficulties among men in Croatia. Croat Med J. 2006 Feb;47(1):114-24	2006	Croatia	English	population based cross section study	>36	healthy	sexual function questionnaire	other nervous system drugs	N07	nicotine	N07BA01			17; 240	premature ejaculation	OR 0.9 (95% CI 0.5-2.3)					2+		
1721: Stulhofer A, Bajic Z. Prevalence of erectile and ejaculatory difficulties among men in Croatia. Croat Med J. 2006 Feb;47(1):114-24	2006	Croatia	English	population based cross section study	>36	healthy	sexual function questionnaire	all other therapeutic products	V03	alcohol	V03AZ01			7; 178	premature ejaculation	OR 0.2 (95% CI 0.1-0.6)					2+		
1837: Xin ZC, Choi YD, Lee SH, Choi HK. Efficacy of a topical agent SS-cream in the treatment of premature ejaculation: preliminary clinical studies. Yonsei Med J. 1997 Apr;38(2):91-5.	1997	Korea	English	prospective	young	premature ejaculation	IELT	plant extract		SS cream	not listed	0.1g	1h before coitus	186	ejaculation latency, improvement	significantly prolonged to more than 10min	5.9% local irritation	no				3	
1803: Xin ZC, Choi YD, Lee WH, Choi YJ, Yang WJ, Choi HK, Kim DK. Penile vibratory threshold changes with various doses of SS-cream in patients with primary premature ejaculation. Yonsei Med J. 2000 Feb;41(1):29-33.	2000	Korea	English	prospective, randomized	37.3 mean	premature ejaculation	vibratory threshold	plant extract		SS cream	not listed	various concentrations	1 h prior to vibration	53	ejaculation latency, improvement	dose-dependent		yes	SS cream	placebo		1-	
1941: Brenner J, Vugrin D, Whitmore WF Jr. Effect of treatment on fertility and sexual function in males with metastatic nonseminomatous germ cell tumors of testis. Am J Clin Oncol. 1985 Apr;8(2):178-82.	1985	USA	English	retrospective	young	testicular cancer	ejaculation history	surgery		retroperitoneal lymph node dissection				61	„dry orgasm“	in 54 of 61 patients					3		
1988: Castelli E, Terrone C, De Luca S, Rossetti SR. Retroperitoneal lymphadenectomy for testicular cancer and genito-sexual conditions: retrospective study. Prog Urol. 2000 Sep;10(4):578-82. (Italy)	2000	Italy	French	retrospective	young	testicular cancer	ejaculation history	surgery		retroperitoneal lymph node dissection				39	ejaculation disorder	in none of 14 patients after nerve sparing	operation				2+		
1943: Porst H, Altwein JE, Mayer R, Bach D. Erection and ejaculation disorders following retroperitoneal lymphadenectomy in non-seminomatous testicular tumors. Urologe A. 1984 Nov;23(6):324-8.	1984	Germany	German	retrospective	young	testicular cancer	ejaculation history	surgery		retroperitoneal lymph node dissection				38	„dry orgasm“	in 50% of patients					3		

Reference	year	country	language	type of study	age group	dysfunction	quantification	treatment class	ATC 2nd level	treatment substance	ATC code	dose	treatment period	patient number	treatment consequences	efficacy	side effects	randomization	dose arm 1	dose arm 2	dose arm 3	study quality	remarks
1940: Fossa SD, Ous S, Abyholm T, Loeb M. Post-treatment fertility in patients with testicular cancer. I. Influence of retroperitoneal lymph node dissection on ejaculatory potency. Br J Urol. 1985 Apr;57(2):204-9.	1985	Norway	English	retrospective	young	testicular cancer	ejaculation history	surgery		retroperitoneal lymph node dissection				15	„dry orgasm“	in 51 of 61 patients						3	
1987: Arai Y, Ishitoya S, Okubo K, Aoki Y, Okada T, Maeda H, Suzuki Y. Nerve-sparing retroperitoneal lymph node dissection for metastatic testicular cancer. Int J Urol. 1997 Sep;4(5):487-92. (Japan)	1997	Japan	English	retrospective	young	testicular cancer	ejaculation history	surgery		retroperitoneal lymph node dissection				6	ejaculation disorder	1 of 6 after nerve sparing operation						2+	