

Drugs for Dysuria

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表2 老人施設・病院における老人の尿失禁発現頻度

報告者	調査人数	尿失禁比率(%)	備考
Ouslanderら (1982)	842	49.8	ナーシングホーム 60歳以上
鎌田ら (1986)	551	21.1	老人専門病院 60歳以上
Sierら (1987)	363	35.0	大学救急病院 平均年齢81歳
上田 (1988)	400	87.3	老人病院の寝たきり老人 平均年齢89歳
Resnickら (1989)	605	40.0	老人ホーム
Yuら (1990)	133	90.0	長期療養者 平均年齢85.5歳

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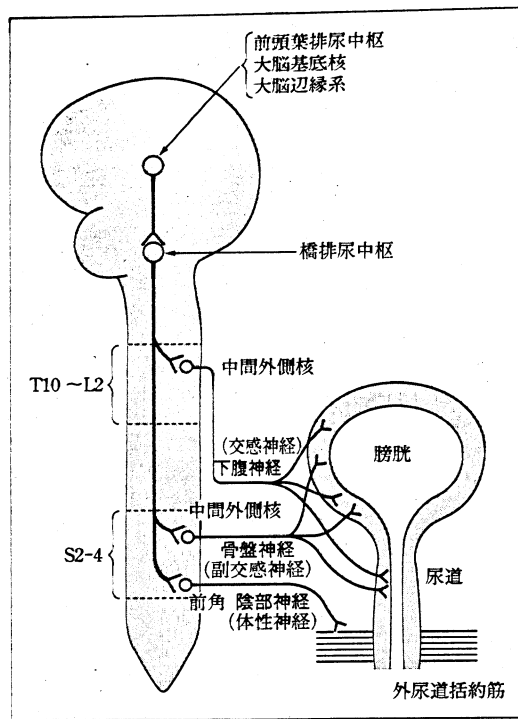
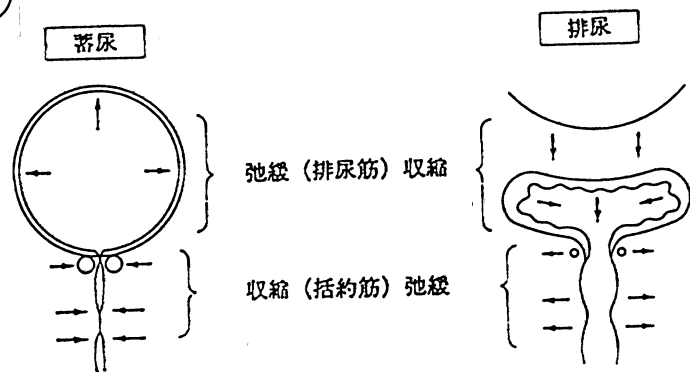


図2. 排尿に関する臓器の解剖と神経支配

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排尿筋と尿道括約筋の協調

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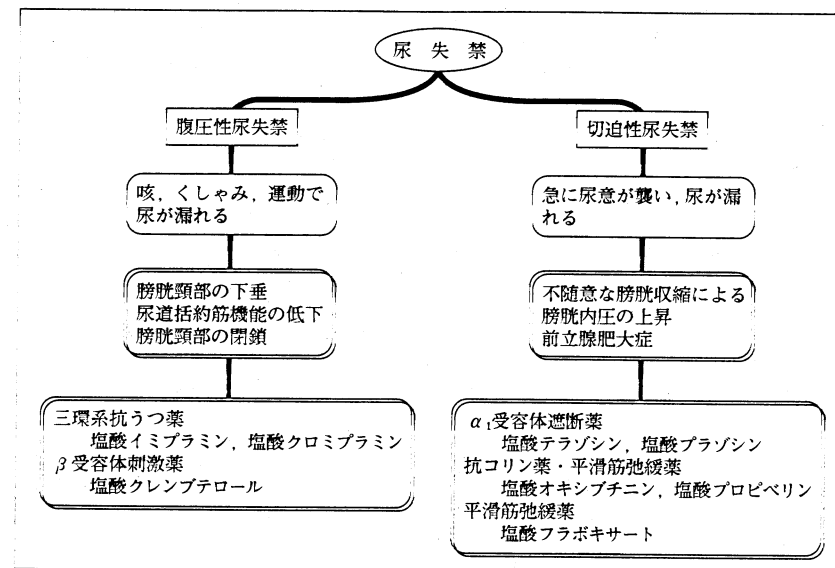
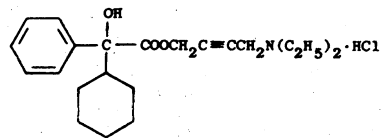


図1. 腹圧性および切迫性尿失禁の病態と治療薬

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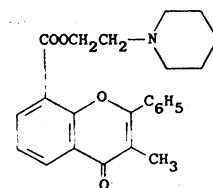
6908. Oxybutynin Chloride. α -Cyclohexyl- α -hydroxybenzeneacetic acid 4-(diethylamino)-2-butynyl ester hydrochloride; α -phenylcyclohexaneglycolic acid 4-(diethylamino)-2-butynyl ester hydrochloride; 4-diethylamino-2-butynyl phenylcyclohexylglycolate hydrochloride; oxybutynina hydrochloride; Ditropan; Dridase; Pollakis; Tropax. $C_{22}H_{32}ClNO_3$; mol wt 393.97. C 67.07%, H 8.19%, Cl 9.00%, N 3.56%, O 12.18%. Prepn: Brit. pat. 940,540 (1963 to Mead Johnson). Toxicity: E. I. Goldenthal, *Toxicol. Appl. Pharmacol.* 18, 185 (1971).



Crystals, mp 129-130°. LD₅₀ orally in rats: 1220 mg/kg (Goldenthal).
THERAP CAT: Anticholinergic. Treatment of symptoms in neurogenic bladder.

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4033. Flavoxate. 3-Methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylic acid 2-(1-piperidiny)ethyl ester; 3-methylflavone-8-carboxylic acid β -piperidinoethyl ester; 2-piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate; 2-piperidinoethyl 3-methylflavone-8-carboxylate. $C_{24}H_{25}NO_6$; mol wt 391.45. C 73.63%, H 6.44%, N 3.58%, O 16.35%. Smooth muscle relaxant.



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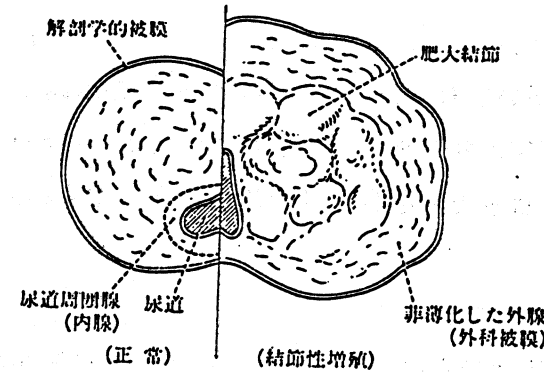


図2 正常および肥大症前立腺断面図 (Wilson・1980, Am. J. Med. 68, 745)

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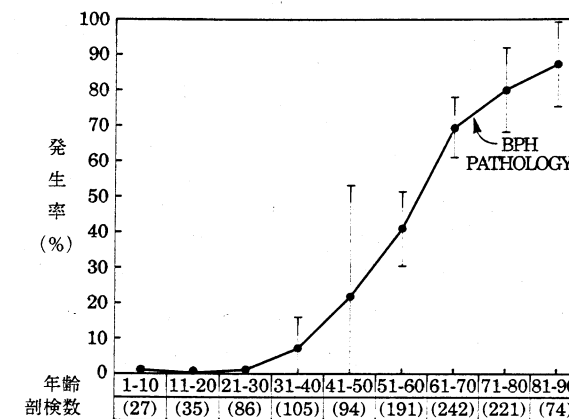


図1. 病学的な前立腺肥大症の発生率 (Berry, S. J. et al.: J. Urol., 132: 1984)

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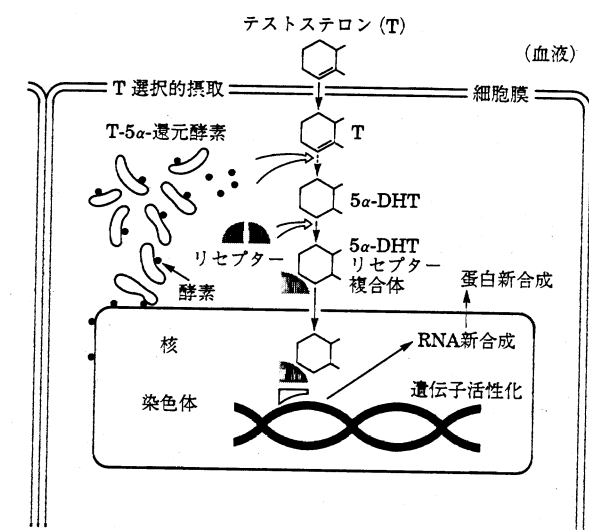
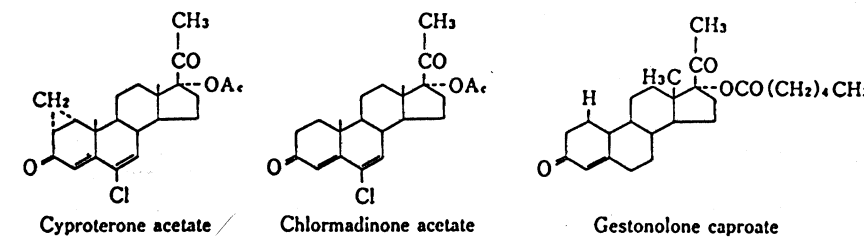
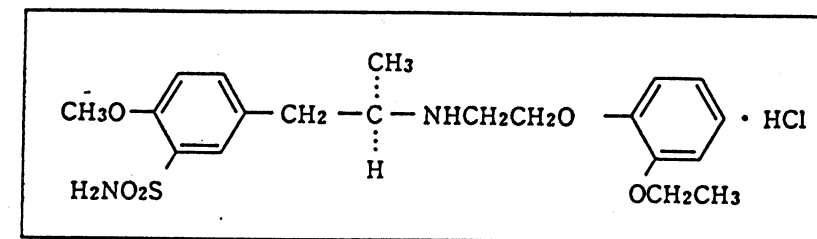


図1. アンドロゲンの作用機序⁶⁾

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各種抗アンドロゲン剤の化学構造式



塩酸タムスロシン (YM-617) の構造式