



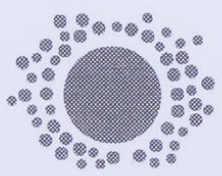
Tasnim
Pharmaceutical Co.

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PROTRAL OPAS[®]

TAMSULOSIN EXTENDED RELEASE

Each Tablet contains:
Tamsulosin Hydrochloride 0.4mg



30 Extended
Release Tablet
Oral Prolonged Absorption System (OPAS)

0.4

ERX : 60798

Start



Click Here To Start

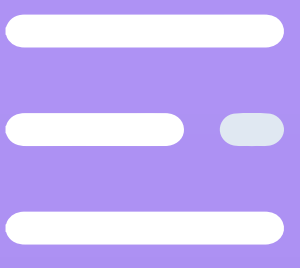
CONTACT US

GUIDE

If you can't use the buttons, you can scroll down to the bottom of document to view the guide.

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Designed & Executed in ClickBan Co.



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Protral OPAS[®]
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Protral OPAS[®]



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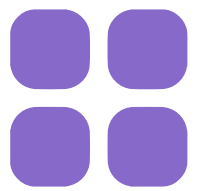
Protral OPAS[®]

ERX : 60798



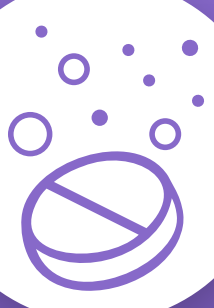
Drug Brand

Protral Opas[®]



Generic Name

Tamsulosin



Drug form

Tablet E.R 0.4mg



Package

30 Tab in 3 blisters



[Start Exploring](#)

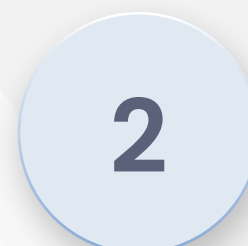
Problem with buttons? [View Guide](#)



What is Protral Opas[®] ?

Extended-release tablet contains the active substance tamsulosin hydrochloride

The oral prolonged absorption system (OPAS[®]) is a new improved formulation/delivery system of tamsulosin, called Protral OPAS[®].



What is Protral Opas[®] ?

Protral Opas gels rapidly and hydrates completely in the upper gastro-intestinal (GI) tract which ensures continuous and consistent Drug release throughout the entire length of the GI Tract, also in the colon where water is poorly available.



Adverse Effects

Dizziness, Abnormal ejaculation, reduced blood pressure, Headache, palpitations, runny or blocked nose (rhinitis), diarrhea, feeling sick and vomiting, constipation, weakness (asthenia), rashes, itching and hives (urticarial).



Category & Indication

Alpha₁-adrenoceptor antagonists

For the treatment of the complaints of the lower urinary tract associated with an enlarged prostatic gland (benign prostatic hyperplasia)



Mechanism Of Action

Protral OPAS binds selectively and competitively to the postsynaptic α 1-adrenoceptors, in particular to subtypes α 1A and α 1D. It brings about the relaxation of prostatic and urethral smooth muscle.



Articles

Leaflet

PDF

About OCAS

PDF

Pharmacokinetic Profile Of
Tamsulosin OCAS

PDF

Development Of OCAS

PDF

Oral Controlled Absorption System

PDF

Impact Of Tamsulosin OCAS

PDF

EU Orology Supplements

PDF



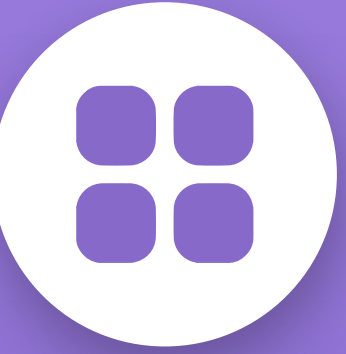
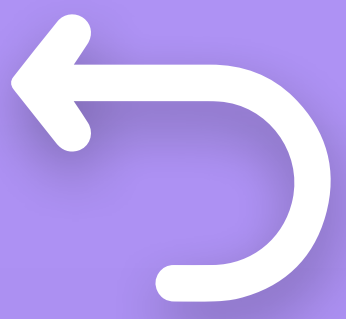
Other Details

Dosage & Administration

Interactions

Breast feeding & pregnancy

More information



Dosage & Administration

Oral use. One tablet daily.

Protral OPAS 0.4 mg is Prolonged Release Tablet; May be taken with or without food.



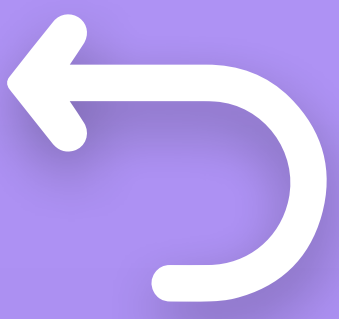
Interactions

Tamsulosin is extensively metabolized, mainly by CYP3A4 and CYP2D6. Interaction studies have only been performed in adults. No interactions have been seen when tamsulosin hydrochloride was given concomitantly with either atenolol, enalapril, nifedipine or theophylline.



Interactions

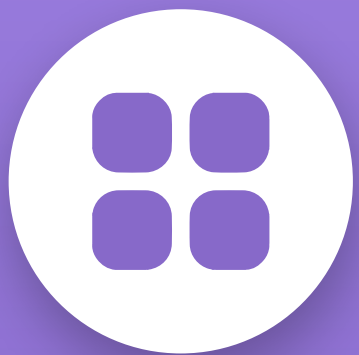
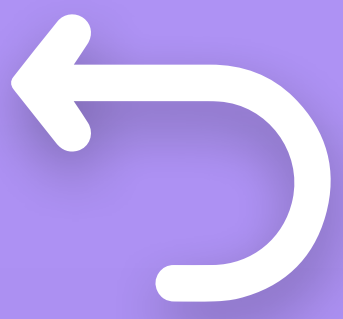
Concomitant cimetidine brings about a rise in plasma levels of tamsulosin, whereas furosemide a fall, but as levels remain within the normal range posology need not be adjusted.



Breast Feeding & Pregnancy

This medication falls into category B

It is not known if Tamsulosin will harm your unborn baby. This medication should not be taken during pregnancy.



More Information

Comparative Dissolution profile

Tamsulosin profiles

Schematic representation of OPAS[®]

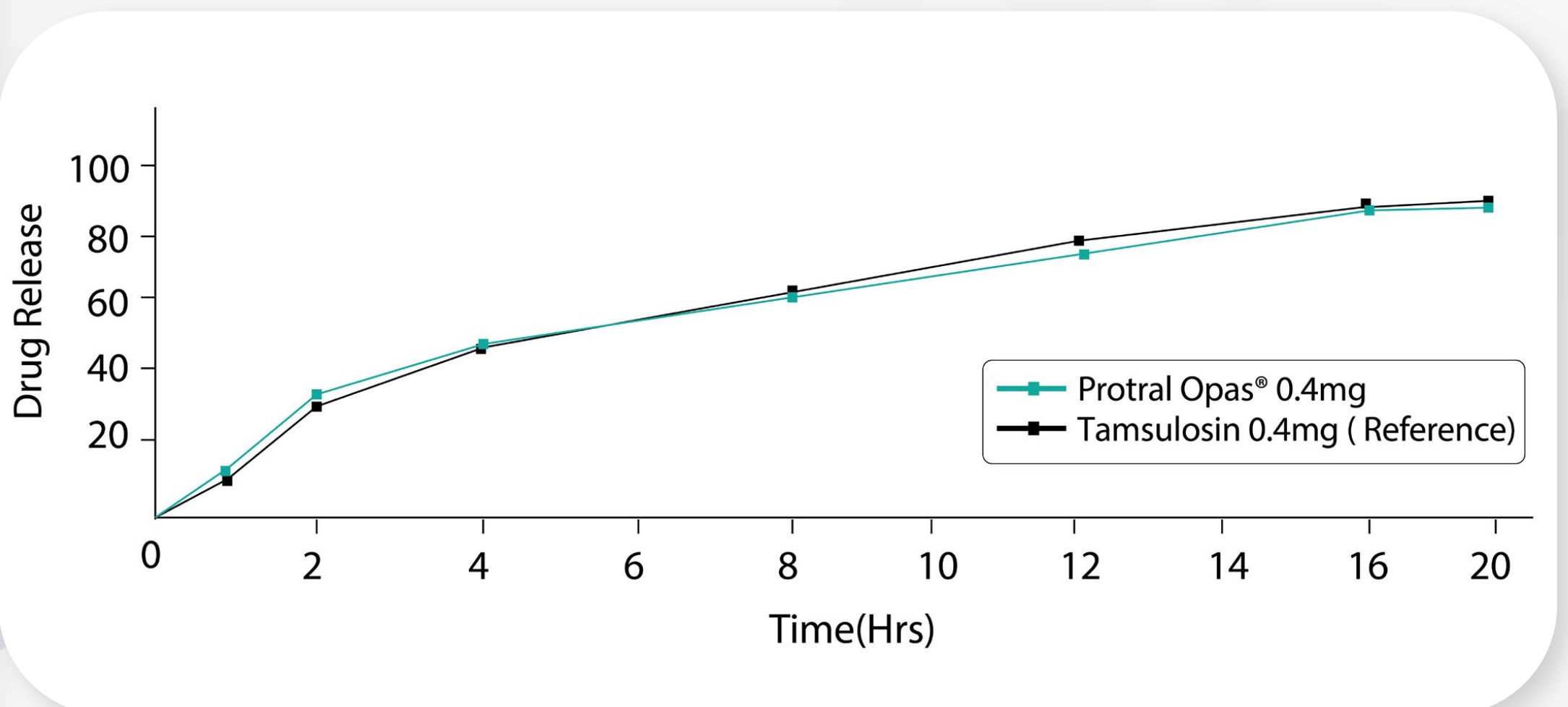
Adverse effect comparison

Benign Prostatic Hyperplasia Medication



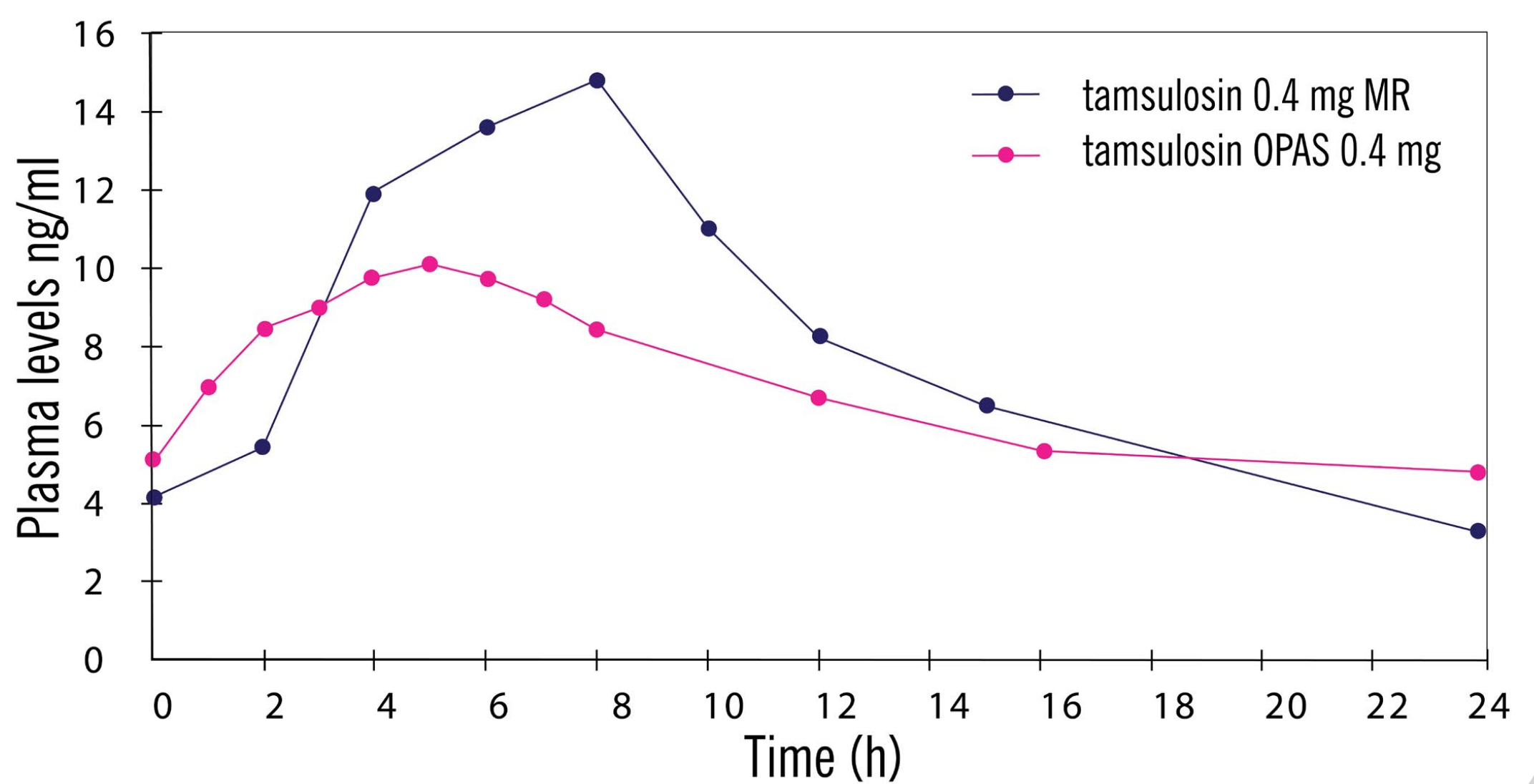
Comparative Dissolution profile

Comparative Dissolution profile of
Protral OPAS[®] 0.4mg VS Omnic
OCAS[®] 0.4mg



Tamsulosin Profiles

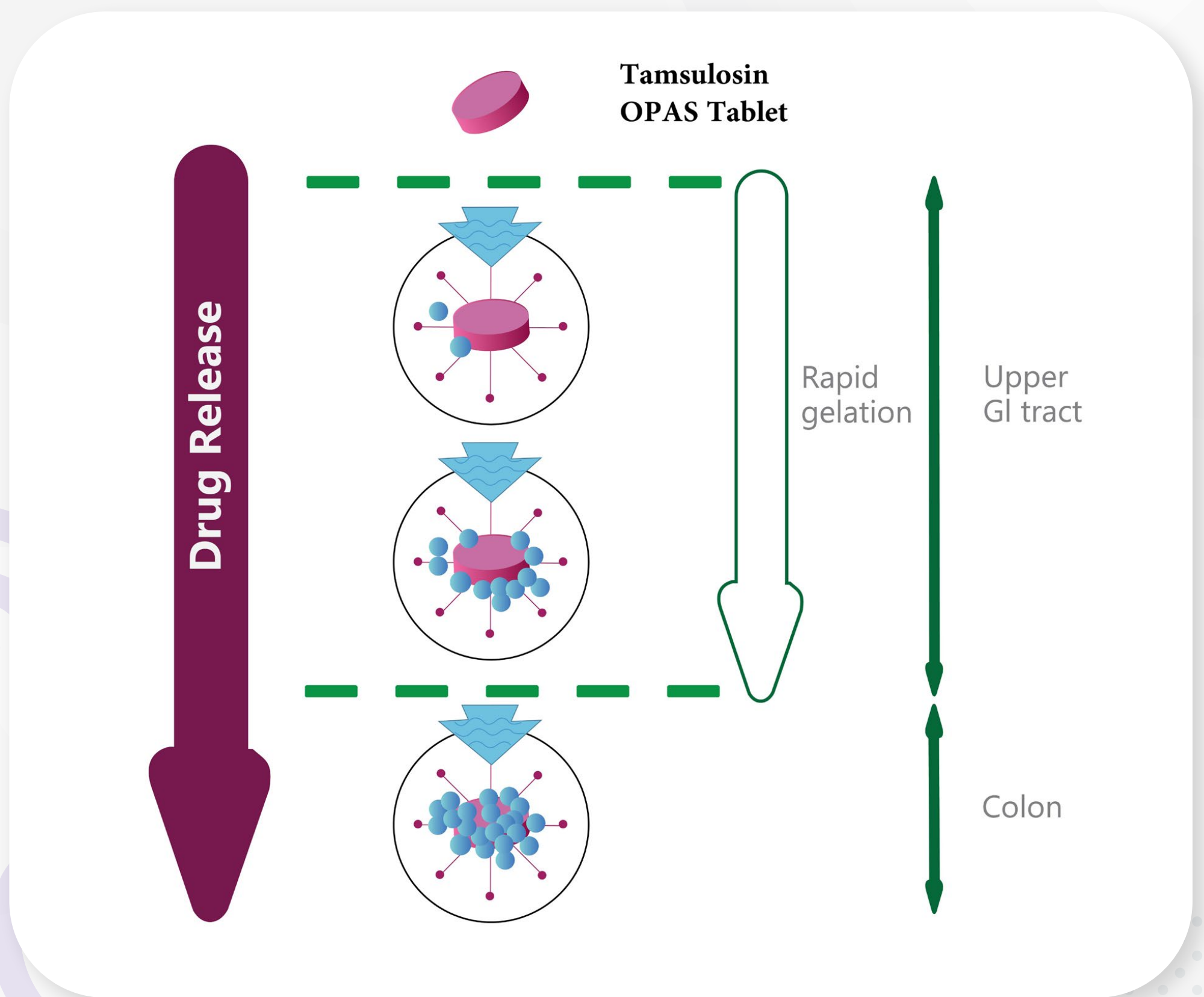
Tamsulosin pk profiles of tamsulosin OPAS[®] steady state and tamsulosin modified release steady state



Schematic

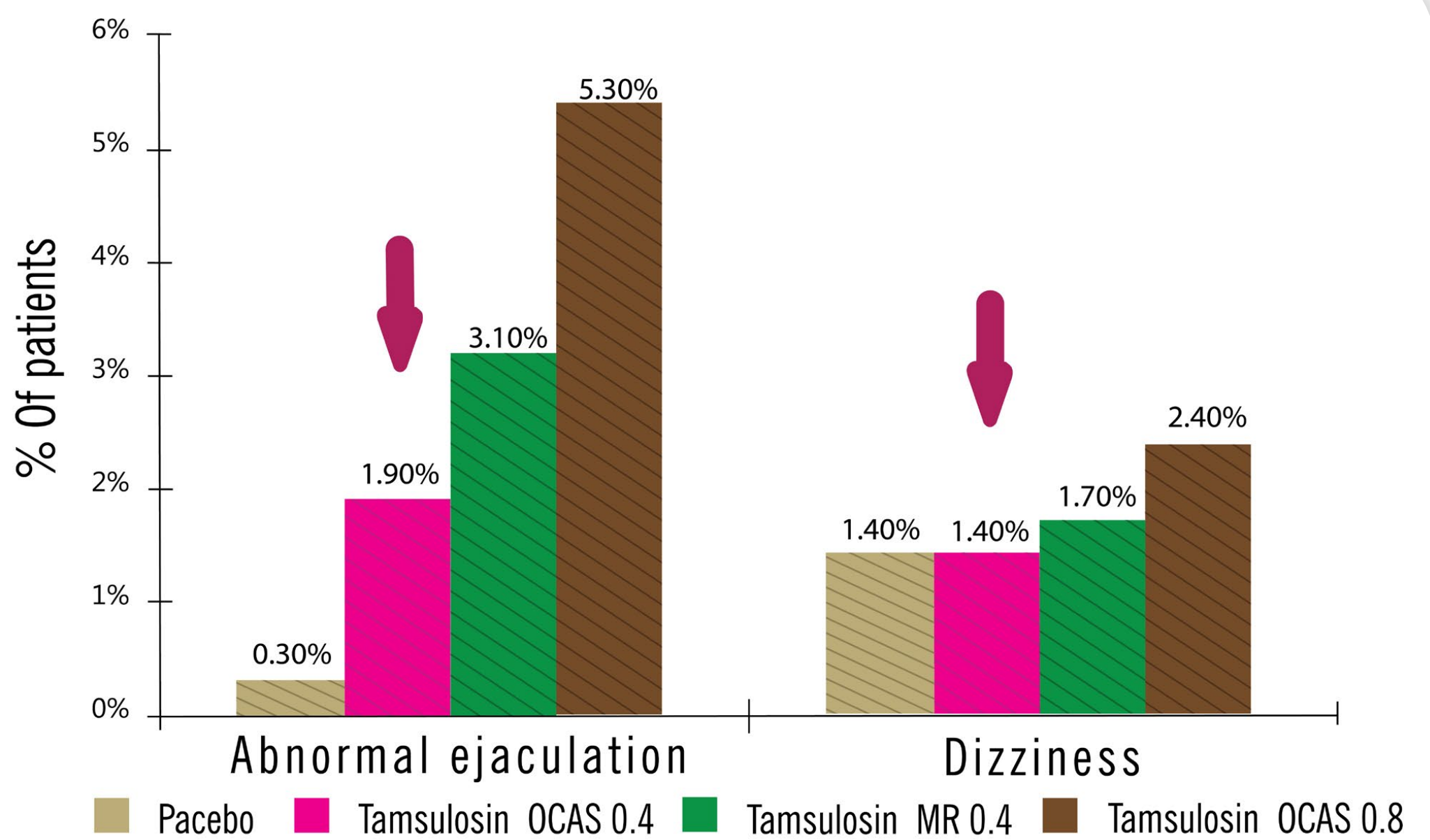
Representation of OPAS[®]

Schematic representation of OPAS[®] hydration and drug release in Upper GI track and colon



Adverse Effects Comparison

Comparison the adverse effect of dizziness and abnormal ejaculation in 4 groups (tamsulosin OCAS[®] 0.4 mg vs placebo vs tamsulosin, MR 0.4 mg vs. Tamsulosin OCAS[®] 0.8 mg)



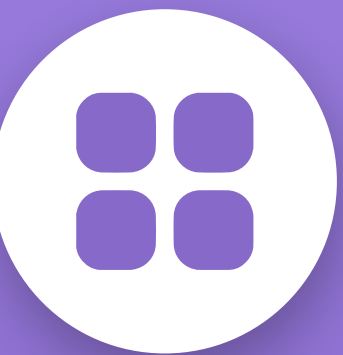
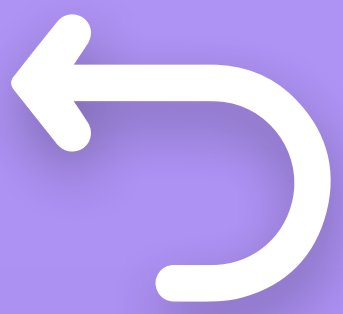
Benign Prostatic Hyperplasia Medication

Editors-in-Chief • Yuliya Lytvyn & Maleeha A. Qazi

Table 28. Benign Prostatic Hyperplasia Medications

Drug	Class	Mechanism	Adverse Effects
terazosin doxazosin	α_1 blockers	α -adrenergic antagonists reduce stromal smooth muscle tone Reduce dynamic component of bladder outlet obstruction	Presyncope Leg edema Retrograde ejaculation Headache Asthenia Nasal congestion
tamsulosin alfuzosin silodosin	α_{1A} selective		
finasteride dutasteride	5- α reductase inhibitor	Blocks conversion of testosterone to DHT Reduces static component of bladder outlet obstruction Reduces prostatic volume	Sexual dysfunction PSA decreases

*Ref: TORONTO NOTES 2022



Protral OPAS[®]

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TAP FOR DIRECTIONS 



GUIDE

If you have conflixtions while interacting with this catalog, this guide will help you.

If you are using iPhone, Mac OS or Windows, you probably won't have any problem with the buttons.

But if you are using an Android device, you must have [Google Drive](#) installed and

Drug updated.

In the next steps you'll see the frequently used buttons that are important.

SKIP

NEXT STEP



Protral OPAS®



Here you can see the navigation bar which is fixed on left in the document.



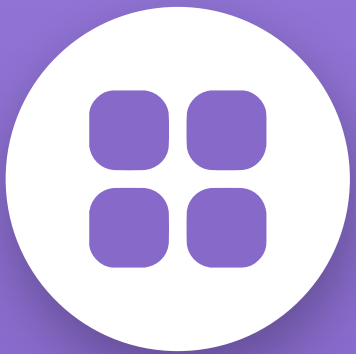
Protral OPAS®

ERX : 75785



Drug Brand | Protral Opas®

You can tap on each of these icons to navigate to its page.



Generic Name | Tamsulosin



Drug form | Tablet E.R 0.4mg



Package | 30 Tab in 3 blisters



SKIP

NEXT STEP



Start Exploring



Protral OPAS®

Tap this icon to go back to previous page or menu.

Protral OPAS®

ERX : 75785

Drug Brand | Protral Opas®

GO BACK TO THE CATALOG

Drug form | Tablet E.R 0.4mg

Tap this icon to go to the next page.

Package | 30 Tab in 3 blisters

Start Exploring

