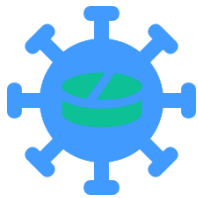


 70 Slides

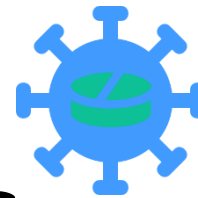
DIN: 20252026

PTALC-FDLQUEST

FDL #1:



Introductory Infectious Diseases



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P-TALC

P

Penicillin V potassium

Beta-lactam Antibiotic

Brand(s):

PEN-VK

Doses/Forms:

Tabs:



300 mg

Indications:

- **Infections caused by susceptible bacteria in:**
 - upper respiratory tract (e.g. otitis media)
 - lower respiratory tract (e.g. bronchitis)
 - skin, bone, and many other tissues

Contraindications:

- **Patients with hypersensitivity to penicillins**

1/4

P-TALC



Ampicillin trihydrate

Beta-lactam Antibiotic

Brand(s):

TEVA-AMPICILLIN

Doses/Forms:

Caps:



250mg



500 mg

Indications:

- **Infections caused by susceptible bacteria in:**
 - upper respiratory tract (e.g. otitis media)
 - lower respiratory tract (e.g. bronchitis)
 - skin, bone, and many other tissues

Contraindications:

- **Patients with hypersensitivity to penicillins**

Pwd for Injection:



0.25g



0.5g



1g



2 g

2/4

P-TALC



Amoxicillin trihydrate

Beta-lactam Antibiotic

Brand(s):

Amoxicillin

Indications:

- Infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - lower respiratory tract (e.g. bronchitis)
 - skin, bone, and many other tissues

Contraindications:

- Patients with hypersensitivity to penicillins

Doses/Forms:

Caps:



250 mg



500 mg

Chew tab:



250 mg

Susp:



125 mg/5 mL



250 mg/5 mL

3/4

P-TALC

P

Amoxicillin trihydrate / clavulanic acid

**Beta-lactam Antibiotic –
β-lactamase Inhibitor**

Brand(s):



Doses/Forms:

See next slide

Indications:

- **Infections caused by susceptible bacteria in:**
 - upper respiratory tract (e.g. otitis media)
 - lower respiratory tract (e.g. bronchitis)
 - skin, bone, and many other tissues

Contraindications:

- **Patients with hypersensitivity to penicillins**

1/2

P-TALC

Amoxicillin trihydrate / clavulanic acid

Beta-lactam Antibiotic - β -lactamase Inhibitor

Orange: only available as generic
Blue: Only available as brand

Green: available as both

Doses/Forms:

Tabs:



250 mg/125 mg



500 mg/125 mg



875 mg/125 mg

Susp (Clavulin): (All per 5 mL)



Amoxi	125 mg	200 mg	250 mg	400 mg
Clav	31.25 mg	28.5 mg	62.5 mg	57 mg

Cloxacillin sodium**Beta-lactam Antibiotic****Brand(s):****Cloxacillin****Indications:**

- Infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - lower respiratory tract (e.g. bronchitis)
 - skin, bone, and many other tissues

Contraindications:

- Patients with hypersensitivity to penicillins

Doses/Forms:**Caps:****250 mg****500 mg****Susp:****125 mg/5 mL****Pwd for injection:****0.5 g****1 g****2 g****10 g****(per vial)**

P

Piperacillin sodium/ tazobactam sodium

**Beta-lactam Antibiotic –
β-lactamase Inhibitor**

Brand(s): **Discontinued**



Indications:

- **Infections caused by susceptible bacteria in:**
 - upper respiratory tract (e.g. otitis media)
 - lower respiratory tract (e.g. bronchitis)
 - skin, bone, and many other tissues

Contraindications:

- **Patients with hypersensitivity to penicillins**

Doses/Forms:

Pwd for injection



2

3

4

12

36

(g/per vial)

2/2

P-TALC

Cephalexin

First Gen Cephalosporin Antibiotic

Brand(s): **Discontinued**



Doses/Forms:

Tab:



250 mg



500 mg

Caps:



250 mg



500 mg

Indications:

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Susp:



125 mg/5 mL



250 mg/5 mL



Cefazolin sodium

First Gen Cephalosporin Antibiotic

Brand(s):

CEFAZOLIN
FOR INJECTION, USP

Indications:

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Doses/Forms:

Pwd for injection

0.5 1 2 10
(g/vial)



100g/bag

2/2

P-TALC

Cefprozil

Second Gen Cephalosporin Antibiotic

Brand(s): Discontinued



Indications:

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Doses/Forms:

Tabs:



250 mg



500 mg

Susp:



125 mg/5 mL



250 mg/5 mL

Cefuroxime sodium**Second Gen Cephalosporin Antibiotic****Brand(s):** **Discontinued****KEFUROX****Doses/Forms:****Pwd for injection****Indications:**

- Infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

**0.75g/vial 1.5g/vial****2/3**



Cefuroxime axetil

Second Gen Cephalosporin Antibiotic

Brand(s):



Doses/Forms:

Tabs:



250 mg



500 mg

(Generic)

Indications:

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Susp:



(Brand)

125 mg/5 mL

3/3

P-TALC

Cefixime**Third Gen Cephalosporin Antibiotic****Brand(s):**

Once-a-day
Suprax[®]
cefixime

Indications:

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Doses/Forms:**Tabs:****400 mg****Susp:****100 mg/5 mL**

Ceftriaxone sodium

Third Gen Cephalosporin Antibiotic

Brand(s): **Discontinued****Indications:**

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Doses/Forms:**Pwd for injection**

0.25 1 2 10
(g/vial)

2/3



Ceftazidime pentahydrate

Third Gen Cephalosporin Antibiotic

Brand(s): Discontinued

Fortaz[®]
(ceftazidime for injection)

Indications:

- infections caused by susceptible bacteria in:
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- Patients with hypersensitivity to cephalosporins
- Use with caution in patients with allergies to penicillins

Doses/Forms:

Pwd for injection



1, 2, 6 g/vial

3/3

P-TALC



Cefepime hydrochloride

Fourth Gen Cephalosporin Antibiotic

Brand(s): Discontinued



Indications:

- **infections caused by susceptible bacteria in:**
 - upper respiratory tract (e.g. otitis media)
 - skin, urinary tract and other tissues

Contraindications:

- **Patients with hypersensitivity to cephalosporins**
- **Use with caution in patients with allergies to penicillins**

Doses/Forms:

Pwd for injection



1, 2 g/vial

P-TALC

P

Imipenem /cilastatin sodium

**Carbapenem Antibiotic –
Dehydropeptidase Inhibitor**

Brand(s): Discontinued



Indications:

- **Infections caused by susceptible bacteria in:**
 - lower respiratory tract
 - urinary tract
 - intra-abdominal cavity
 - other tissues

Contraindications:

- patients with hypersensitivity

Doses/Forms:

Pwd for injection



500 mg/vial

P-TALC

P

Meropenem trihydrate

Carbapenem Antibiotic

Brand(s): **Discontinued**



Indications:

- **Infections caused by susceptible bacteria in:**
 - lower respiratory tract
 - urinary tract
 - intra-abdominal cavity
 - other tissues

Contraindications:

- **patients with hypersensitivity**
- **Meropenem is contraindicated in those who have allergies to beta-lactam antibiotics**

Doses/Forms:

Pwd for injection



0.5, 1 g/vial

P-TALC



Erythromycin

Macrolide Antibiotic

Brand(s): Discontinued

ERYC

Indications:

- Infections caused by susceptible bacteria in:
 - upper and lower respiratory tract
 - genitourinary tract
 - skin
 - other tissues

Contraindications:

- patients with hypersensitivity to macrolides

Doses/Forms:

Ophthalmic Ointment:



0.5% w/w

Pwd for injection:



0.5, 1 g/vial

1/4

P-TALC

Azithromycin dihydrate

Macrolide Antibiotic

Brand(s):



Indications:

- infections caused by susceptible bacteria in:
 - upper and lower respiratory tract
 - genitourinary tract
 - skin
 - other tissues

Contraindications:

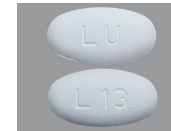
- patients with hypersensitivity to macrolides

Doses/Forms:

Tabs



250 mg*



600 mg

Pwd for inj



Suspension



100 mg/5mL



200 mg/5 mL*

*brand (as well as generic)

2/4



Azithromycin monohydrate hemiethanolate

Macrolide Antibiotic

Brand(s): Discontinued

Doses/Forms:

AZITHROMYCIN

Indications:

- infections caused by susceptible bacteria in:
 - the upper and lower respiratory tract
 - genitourinary tract
 - skin
 - other tissues

Contraindications:

- patients with hypersensitivity to macrolides

Tabs:



250 mg

3/4

P-TALC

^l = mg azithromycin, but actual form present is azithromycin monohydrate hemiethanolate

Clarithromycin

Macrolide Antibiotic

Brand(s):



Biaxin BID

Indications:

- infections caused by susceptible bacteria in :
 - the upper and lower respiratory tract
 - genitourinary tract, skin and other tissues
- Clarithromycin is used (in combination with other drugs) for H. pylori eradication in peptic ulcer disease

Contraindications:

- Patients with hypersensitivity to macrolides
- Clarithromycin is contraindicated in patients taking pimozide, ergotamine or dihydroergotamine

Doses/Forms:

Tabs:
(Biaxin BID)



250 mg



500 mg

ER Tabs:
(Generic)



500 mg

Susp: (Biaxin)



125 mg/5 mL



250 mg/5 mL

4/4



Ciprofloxacin

Fluoroquinolone Antibiotic

Brand(s):



Indications:

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues
 - Prostate (ciprofloxacin only)

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)
- Ciprofloxacin is contraindicated in patients taking tizanidine

Doses/Forms:

Susp:



500 mg/5 mL

IV Soln



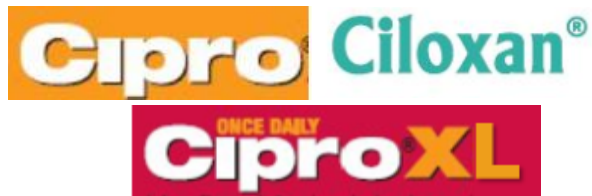
2 mg/mL

1/7

P-TALC

Ciprofloxacin hydrochloride

Fluoroquinolone Antibiotic

Brand(s):Indications:

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues
 - Prostate (ciprofloxacin only)

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)
- Ciprofloxacin is contraindicated in patients taking tizanidine

Doses/Forms:

Tabs:

250 mg^m

Tabs (Cipro):



500 mg

750 mg^m

ER Tabs (Cipro XL):

500 mgⁿ

Ciloxan:*

Ophth. sol:

0.3% w/w^m

Ophth. oint:

0.3% w/v^m

* = Generic for ophthalmic soln only

2/7

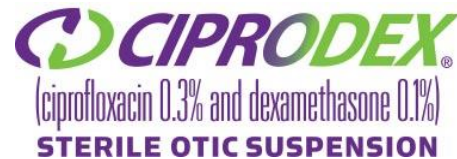
P-TALC

^m = mg ciprofloxacin, but actual form present is ciprofloxacin HClⁿ = mg ciprofloxacin, but actual form present is a combination of ciprofloxacin & ciprofloxacin HCl

Ciprofloxacin HCl / dexamethasone

Fluoroquinolone Antibiotic -
Corticosteroid

Brand(s):



Indications:

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues
 - Prostate (ciprofloxacin only)

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)
- Ciprofloxacin is contraindicated in patients taking tizanidine

Doses/Forms:

Otic suspension:



0.3% w/v ciprofloxacin^o

0.1% w/v dexamethasone

P-TALC

^o = mg ciprofloxacin, but actual form present is ciprofloxacin HCl

Levofloxacin

Fluoroquinolone Antibiotic

Brand(s): Discontinued**Doses/Forms:****Tabs:**

250 mg



500 mg



750 mg

Indications:

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)

Injection Soln:

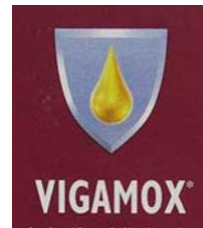
5 mg/mL

3/7

Moxifloxacin hydrochloride

Fluoroquinolone Antibiotic

Brand(s):



Doses/Forms:

Avelox:

Tab:



400 mg

Injection soln:



400 mg/250 ml

Indications:

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)

Ophthalmic soln (Vigamox):



0.5% w/v

Gatifloxacin**Fluoroquinolone Antibiotic****Brand(s):****Indications:**

- **infections caused by susceptible bacteria in:**
 - **Upper and lower respiratory tract**
 - **Urinary tract, skin and other tissues**

Contraindications:

- **Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)**

Doses/Forms:**Ophthalmic soln:****0.3% w/v**

P

Norfloxacin

Fluoroquinolone Antibiotic

Brand(s): Discontinued



Indications:

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)

Doses/Forms:

Tabs:



400 mg

6/7

P-TALC

Ofloxacin**Fluoroquinolone Antibiotic****Brand(s):****Indications:**

- infections caused by susceptible bacteria in:
 - Upper and lower respiratory tract
 - Urinary tract, skin and other tissues

Contraindications:

- Patients with hypersensitivity to fluoroquinolones or benzalkonium chloride (eye drops only)

Doses/Forms:**Ophthalmic soln:****0.3% w/v**



Tetracycline hydrochloride

Tetracycline antibiotic

Brand(s):

Tetracycline

Indications:

- Infections caused by susceptible bacteria in:
 - upper and lower respiratory tract
 - GI tract
 - urinary tract
 - skin and other tissues

Contraindications:

- hypersensitivity
- severe renal or hepatic dysfunction
- pregnancy or lactation
- children less than 8 years of age

Doses/Forms:

Caps:



250 mg

1/4

P-TALC

Minocycline Hydrochloride

Tetracycline antibiotic

Brand(s):

Minocycline

Indications:

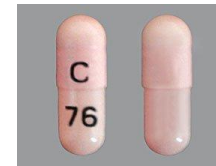
- Infections caused by susceptible bacteria in:
 - upper and lower respiratory tract
 - GI tract
 - urinary tract
 - skin and other tissues

Contraindications:

- hypersensitivity
- severe renal or hepatic dysfunction
- pregnancy or lactation
- children less than 8 years of age

Doses/Forms:

Caps:



50 mg



100 mg



Doxycycline hyclate

Tetracycline antibiotic

Brand(s):

Discontinued

APO-DOXY

[®] Periostat[®]

Doses/Forms:

Indications:

- Treatment of acne vulgaris
- Infections caused by susceptible bacteria in:
 - upper and lower respiratory tract
 - GI tract
 - urinary tract
 - skin and other tissues

Contraindications:

- hypersensitivity
- severe renal or hepatic dysfunction
- pregnancy or lactation
- children less than 8 years of age
- Doxycycline is contraindicated in patients with myasthenia gravis

Periostat:

Caps



20 mg

Apo-Doxy:

Tab



100 mg

Caps



100 mg

3/4

P-TALC

P

Doxycycline monohydrate

Tetracycline antibiotic

Brand(s):

 APPRILON™

Doses/Forms:

Indications:

- Treatment of acne vulgaris
- Infections caused by susceptible bacteria in:
 - upper and lower respiratory tract
 - GI tract
 - urinary tract
 - skin and other tissues

Contraindications:

- hypersensitivity
- severe renal or hepatic dysfunction
- pregnancy or lactation
- children less than 8 years of age
- Doxycycline is contraindicated in patients with

Caps:



40mg

4/4

P-TALC

Tigecycline

Glycylcycline antibiotic

Brand(s):



Doses/Forms:

Pwd for injection

Indications:

- **Infections caused by susceptible bacteria in:**
 - upper and lower respiratory tract
 - GI tract
 - urinary tract
 - skin and other tissues



50 mg/vial

Contraindications:

- hypersensitivity
- severe renal or hepatic dysfunction
- pregnancy or lactation
- children less than 8 years of age



Sulfamethoxazole (SMX) / Trimethoprim (TMP)

Combination antibiotic

Brand(s): **Discontinued (Tabs & Susp)**

SULFATRIM



Indications:

- Infections caused by susceptible bacteria in:
 - the urinary tract (e.g. cystitis)
 - upper and lower respiratory tract
 - many other tissues

Contraindications:

- patients with hypersensitivity to sulfonamides or to trimethoprim
- infants < 2 months old
- patients with megaloblastic anemia/ other selected blood disorders

Doses/Forms:

Generic:

Tabs:



100 mg SMX
20 mg TMP

SS Tabs:



400 mg SMX
80 mg TMP

DS Tabs:



800 mg SMX
160 mg TMP

Susp:



200 mg SMX
40 mg TMP/5mL

Injection soln (Septra):



80 mg/mL SMX
16 mg/mL TMP

Aka “Co-trimoxazole”, “SMX-TMP”

P-TALC

Gentamicin sulfate**Aminoglycoside antibiotic****Brand(s):**

Gentamicin injection

Doses/Forms:

Injection soln (Gentamicin Injection):

1 mg/mL

1.6 mg/mL

Indications:

- Infections caused by susceptible bacteria in the respiratory tract, urinary tract, bone, skin and other tissues

Contraindications:

- patients with hypersensitivity



10 mg/mL



40 mg/mL

Tobramycin sulfate

Aminoglycoside antibiotic

Brand(s):

Tobramycin
Injection, USP



Indications:

- Infections caused by susceptible bacteria in the respiratory tract, urinary tract, bone, skin and other tissues

Contraindications:

- patients with hypersensitivity

Doses/Forms:

Tobrex (eye drops available as generic)

Ophth oint:



0.3% w/w

Ophth soln:



0.3% w/v

Tobramycin Injection

Pwd for injection



1.2g/vial

Injection soln:



10mg/mL



40 mg/mL



60 mg/mL (Generic)

Inhalation soln:



300 mg/5 mL (Tobi)

P

Tobramycin sulfate/dexamethasone

**Aminoglycoside antibiotic /
topical corticosteroid**

Brand(s):



Doses/Forms:

Indications:

- **Infections caused by susceptible bacteria in the respiratory tract, urinary tract, bone, skin and other tissues**

Contraindications:

- **patients with hypersensitivity**

Ophth. oint:



**0.3% w/w Tobramycin,
0.1% w/w Dexamethasone**

Ophth. susp:



**0.3% w/v Tobramycin,
0.1% w/v Dexamethasone**

P-TALC



Clindamycin hydrochloride

Lincosamide antibiotic

Brand(s): **Discontinued**

DALACIN C™

Indications:

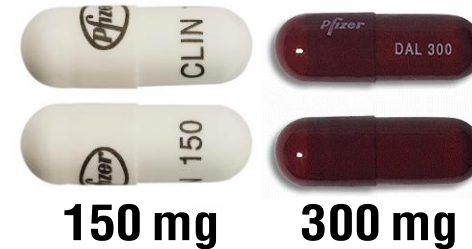
- infections caused by susceptible bacteria in:
 - the lower respiratory tract
 - intra-abdominal cavity
 - skin and other tissues

Contraindications:

- patients with hypersensitivity
- Clindamycin contraindicated in neonates; caution in pregnancy and lactation

Doses/Forms:

Caps:



1/3

P-TALC



Clindamycin palmitate hydrochloride

Lincosamide antibiotic

Brand(s):

Dalacin C Flavoured Granules

Doses/Forms:

Soln:

Indications:

- infections caused by susceptible bacteria in:
 - the lower respiratory tract
 - intra-abdominal cavity
 - skin and other tissues

Contraindications:

- patients with hypersensitivity
- Clindamycin contraindicated in neonates; caution in pregnancy and lactation



75 mg ^q/5 mL

2/3

P-TALC

^q = mg clindamycin, but actual form present is clindamycin palmitate HCL

Clindamycin phosphate

Lincosamide antibiotic

Brand(s):

- Dalacin C Phosphate Sterile injection
- Dalacin T Topical solution **Discontinued**
- Dalacin Vaginal cream

Indications:

- Infections caused by susceptible bacteria in:
 - the lower respiratory tract
 - Intra-abdominal cavity
 - skin and other tissues
 - Topical clindamycin indicated for treatment of acne vulgaris

Contraindications:

- patients with hypersensitivity
- Clindamycin contraindicated in neonates; caution in pregnancy and lactation

Doses/Forms:

Injection Sol'n:



150 mg/mL

Topical Sol'n:



10 mg/mL (1% w/v)

Vaginal Cream:



20 mg/g (2% w/w)

3/3

Vancomycin hydrochloride

Glycopeptide antibiotic

Brand(s):

Vancomycin HCl Injection



Indications:

- Infections caused by susceptible bacteria in:
 - The lower respiratory tract
 - Intra-abdominal cavity
 - Skin and other tissues

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Caps (Vancocin):



125 mg

250 mg

Pwd for Injection (Vancomycin HCl Injection):



0.5 g

1 g

5 g

10 g

(per vial)

P

Fusidic acid hemihydrate

Topical Ophthalmic Antibiotic, Topical Antibiotic

Brand(s):



Indications:

- For infections by susceptible bacteria in the skin

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Eye Drops (Fucithalmic Drops):



1% w/w fusidic acid

Cream (Fucidin Cream):



2% fusidic acid

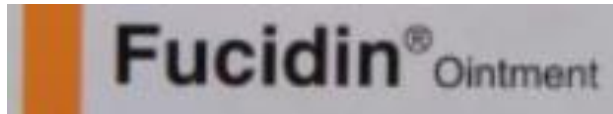
P-TALC



Sodium fusidate

Topical antibiotic

Brand(s):



Doses/Forms:

Ointment:



Indications:

- **For infections by susceptible bacteria in the skin**

Contraindications:

- **Patients with hypersensitivity**
- **The ointment is contraindicated in those with hypersensitivity to lanolin**

2% sodium fusidate

1/5

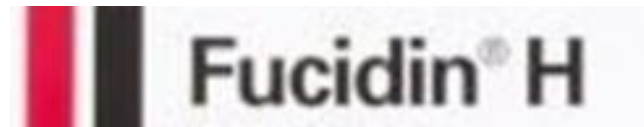
P-TALC



Fusidic acid hemihydrate / hydrocortisone acetate

**Topical Antibiotic –
Corticosteroid**

Brand(s):



Doses/Forms:

Cream:



Indications:

- **For infections by susceptible bacteria in the skin**

Contraindications:

- **Patients with hypersensitivity**

**2% w/w fusidic acid hemihydrate,
1% w/w hydrocortisone acetate**

P-TALC

Polymyxin B sulfate / gramicidin

Topical antibiotic

Brand/Dose:

Polysporin antibiotic cream:



polymyxin B sulfate 10 000U/g
gramicidin 0.25 mg/g

Polysporin pink eye drops:



polymyxin B sulfate 10,000 U/mL
gramicidin 0.025 mg/mL

Generic Ear Drops:

Polymyxin B sulfate 10 000 U/mL,
Gramicidin 0.025mg/mL

Polysporin Plus Pain Relief Ear Drops:



polymyxin B sulfate 10 000 U/mL,
lidocaine HCl 50 mg/mL

Indications:

- Polysporin products are indicated for minor infections by susceptible bacteria in the skin, ear and eye

Contraindications:

- In patients with hypersensitivity

Polymyxin B sulfate/Bacitracin zinc

Topical antibiotic

Brand/Dose:

Indications:

- **Polysporin products are indicated for minor infections by susceptible bacteria in the skin, ear and eye**

Contraindications:

- **In patients with hypersensitivity**

Polysporin antibiotic ointment



**Polymyxin B sulfate 10 000 U/g
Bacitracin zinc 500 U/g**



**Polymyxin B sulfate /
Bacitracin zinc / Gramicidin**

Topical antibiotic

Brand/Dose:

Indications:

- **Polysporin products** are indicated for minor infections by susceptible bacteria in the skin, ear and eye

Contraindications:

- **In patients with hypersensitivity**

Polysporin triple antibiotic ointment



**Polymyxin B sulfate 10 000 U/g
Bacitracin zinc 500 U/g
Gramicidin 0.25 mg/g**

4/5

P-TALC

P

**Neomycin sulfate/Gramicidin/Nystatin/
Triamcinolone acetonide**

**Topical Antibiotic – Topical Antifungal –
Topical Corticosteroid**

Brand(s):

Viaderm-K.C.®

TRIACOMB

Contraindications:

- **In patients with hypersensitivity**

Doses/Forms:

Cream, Ointment



Cream



**Neomycin sulfate 2.5 mg/g,
Gramicidin 0.25 mg/g,
Nystatin 100,000 U/g,
Triamcinolone acetonide 1 mg/g**

P-TALC

P

Mupirocin

Topical antibiotic

Brand(s):



Discontinued



Indications:

- For infections by susceptible bacteria in the skin

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

(Generic) Ointment



2% w/w

Stramucin cream



2% w/w^a

5/5

P-TALC

^a = Mupirocin as mupirocin calcium

Metronidazole

Systemic Antibiotic
Topical Antibiotic/ Antiprotozoal

Brand(s):

Discontinued



Metronidazole injection

Indications:

- For infections caused by susceptible bacteria in:
 - The genitourinary tract
 - Intra-abdominal cavity
 - Skin and other tissues

Contraindications:

- Patients with hypersensitivity and blood dyscrasias

Doses/Forms:

Generic:

Tabs:



250 mg

Caps:



500 mg

Flagyl:

Vaginal Cream:



10% w/w

Vaginal Gel (NidaGel):



0.75% w/w

Topical Gel (MetroGel):



0.75%



1%

Topical Cream (Noritate):



1%

Injection: 5mg/mL





Nitrofurantoin macrocrystals

Urinary Tract Antibiotic

Brand(s): **Discontinued**

Doses/Forms:



Caps:

Indications:

- For infections caused by susceptible bacteria in the urinary tract (cystitis)

Contraindications:

- Those with hypersensitivity
- Patients with anuria, oliguria or renal impairment
- Pregnant women at term
- Infants <1 mo.



50 mg



100 mg

1/4

P-TALC



Nitrofurantoin monohydrate/
Nitrofurantoin macrocrystals

Urinary Tract Antibiotic

Brand(s): **Discontinued**



Doses/Forms:

Caps:



100 mg

Indications:

- For infections caused by susceptible bacteria in the urinary tract (cystitis)

Contraindications:

- Those with hypersensitivity
- Patients with anuria, oliguria or renal impairment
- Pregnant women at term
- Infants <1 mo.

2/4

P-TALC



Nitrofurantoin microcrystals/
Nitrofurantoin macrocrystals

Urinary Tract Antibiotic

Brand(s):

Nitrofurantoin

Doses/Forms:

Indications:

- For infections caused by susceptible bacteria in the urinary tract (cystitis)

Contraindications:

- Those with hypersensitivity
- Patients with anuria, oliguria or renal impairment
- Pregnant women at term
- Infants <1 mo.

Tabs:



50 mg



100 mg

P

Fosfomycin

Urinary Tract Antibiotic

Brand(s):



Indications:

- For infections caused by susceptible bacteria in the urinary tract (cystitis)

Contraindications:

- Those with hypersensitivity

Doses/Forms:

Sachet powder



3g

Pwd for inj



4 g/vial

4/4

P-TALC

Fluconazole

Azole Antifungal

Brand(s):



Indications:

- For infections by susceptible fungi
- Fluconazole is mainly used for oral and systemic candidal infections

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Caps:



150 mg

Susp:



10 mg/mL

Diflucan

Pwd for soln



50 mg/5mL

Caps (CanesOral):



150 mg

Tabl (Generics):



50 mg



100 mg

Caps (Generics):



150mg

Inj soln (Generics):



2 mg/mL

P

Miconazole nitrate

Azole Antifungal

Brand(s):

Micatin®

MONISTAT®

Indications:

- For infections by susceptible fungi

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Monistat

Vaginal Cream:



2% w/w



4% w/w



100 mg



400 mg



1200 mg

Micatin

Topical Cream:



2% w/w

Spray:



2% w/w

2/6

P-TALC

P

Terbinafine hydrochloride

Allylamine Antifungal

Brand(s):



Indications:

- For infections by susceptible fungi
- Terbinafine is used for fungal infections of the skin and nails

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Tabs:



250 mg^u

Cream:



1% w/w^u

Spray:



1% w/v^u

Note: Generic for tabs only

P-TALC

^u = terbinafine, but actual form present is terbinafine HCl

Itraconazole**Azole Antifungal****Brand(s):****Doses/Forms:****Caps:****100 mg****Oral Soln:****10 mg/mL****(generic only)****Indications:**

- **For infections by susceptible fungi**

Contraindications:

- **Patients with hypersensitivity**



Ketoconazole

Azole Antifungal

Brand(s):



*



Doses/Forms:

Cream (Ketoderm):



2% w/w

Tabs (Generic):



200 mg

Shampoo (Nizoral):



2% w/v

Indications:

- For infections by susceptible fungi

Contraindications:

- Patients with hypersensitivity

***Brand name tabs discontinued**

4/6

P-TALC

Clotrimazole

Azole Antifungal

Brand(s):



Indications:

- For infections by susceptible fungi

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Canesten

Vaginal Tablets:



Vaginal Cream:



Clotrimaderm

Topical Cream:



1% w/w

Vaginal Cream:



1% w/w

2% w/w

Efinaconazole

Azole Antifungal

Brand(s):



Doses/Forms:

Nail solution:



Indications:

- For infections by susceptible fungi
- Efinaconazole is indicated for fungal infections of the nails.

Contraindications:

- Patients with hypersensitivity

10% w/w



Nystatin

Polyene Antifungal

Brand(s):

Nyaderm®

-Nystatin

Doses/Forms:

Oral Susp (Nystatin):



100 000 U/mL

Nyaderm:

Topical Cream



100 000 U/g

Vaginal Cream



25 000 U/g

Indications:

- For infections by susceptible fungi

Contraindications:

- Patients with hypersensitivity

P-TALC

P

Ciclopirox olamine

Pyridone Antifungal

Brand(s):



Indications:

- For infections by susceptible fungi

Contraindications:

- patients with hypersensitivity

Doses/Forms:

Nail Lacquer (Penlac):



8% w/v

Loprox:

Topical Cream:



1% w/w

Topical Lotion:



1% w/v

P-TALC

P

Tolnaftate

Antifungal

Brand(s):



Indications:

- For infections by susceptible fungi

Contraindications:

- patients with hypersensitivity

Doses/Forms:

Cream:



1% w/w

Aerosol powder:



1% w/w

Powder:



1% w/w

P-TALC

Acyclovir

Nucleoside Analogue Antiviral

Brand(s):



Indications:

- Herpes infections (genital, orolabial, and herpes zoster)

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Zovirax

Ointment:



5% w/w

Cream:



5% w/w

Generic

Tabs:



200 mg 400 mg 800 mg

Injection sol'n:



50 mg/mL

P

Valacyclovir Hydrochloride

Nucleoside Analogue Antiviral

Brand(s):



Doses/Forms:

Valtrex

Tabs:

Indications:

- Herpes infections (genital, orolabial, and herpes zoster)

Contraindications:

- Patients with hypersensitivity



500 mg^v



1000 mg^v

2/3

P-TALC

^v = mg of valacyclovir, but actual form present is the hydrochloride salt

P

Famciclovir

Nucleoside Analogue Antiviral

Brand(s):



Indications:

- Herpes infections (genital, orolabial, and herpes zoster)

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Tabs:



125 mg



250 mg



500 mg

3/3

P-TALC

P

Oseltamivir phosphate

Neuraminidase Inhibitor Antiviral

Brand(s):



Indications:

- Herpes infections (genital, orolabial, and herpes zoster)

Contraindications:

- Patients with hypersensitivity

Doses/Forms:

Caps (generics available):



30 mg



45 mg



75 mg

Susp:



6 mg/mL

P-TALC



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better!**

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