

The following information comes from this web-site:

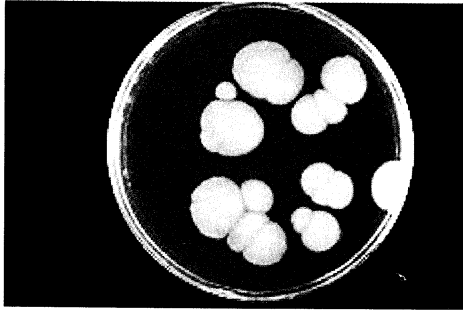
<http://en.wikipedia.org/wiki/Candidiasis>

Candidiasis

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Candidiasis

Classification and external resources



Agar plate culture of *Candida albicans*

ICD-10 B37.

ICD-9 112

DiseasesDB 1929

MedlinePlus 001511

eMedicine med/264 emerg/76 ped/312 derm/67

MeSH D002177

Candidiasis or **thrush** is a fungal infection (mycosis) of any of the *Candida* species (all yeasts), of which *Candida albicans* is the most common.^{[1][2]} Also commonly referred to as a **yeast infection**, candidiasis is also technically known as **candidosis**, **moniliasis**, and **oidiomycosis**.^{[3]:308}

Candidiasis encompasses infections that range from superficial, such as oral thrush and vaginitis, to systemic and potentially life-threatening diseases. *Candida* infections of the latter category are also referred to as candidemia and are usually confined to severely immunocompromised persons, such as cancer, transplant, and AIDS patients as well as non-trauma emergency surgery patients.^[4]

Superficial infections of skin and mucosal membranes by *Candida* causing local inflammation and discomfort are common in many human populations.^{[2][5][6]} While clearly attributable to the presence of the opportunistic pathogens of the genus *Candida*, candidiasis describes a number of different disease syndromes that often differ in their causes and outcomes.^{[2][5]}

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- 1 Classification
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- 3 Causes
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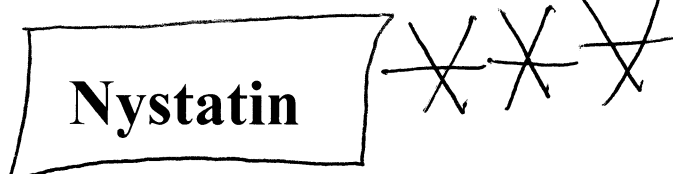
[edit] Classification

Candidiasis may be divided into the following types:^{[3]:308-311}

- Oral candidiasis (Thrush)
- Perlèche (Angular cheilitis)
- Candidal vulvovaginitis (vaginal yeast infection)
- Candidal intertrigo
- Diaper candidiasis
- Congenital cutaneous candidiasis
- Perianal candidiasis
- Candidal paronychia
- Erosio interdigitalis blastomycetica
- Chronic mucocutaneous candidiasis

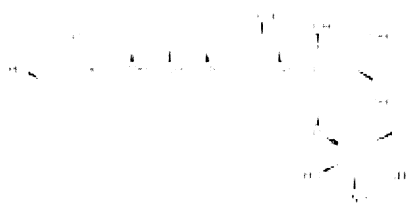
The following information comes from this web-site:

<http://en.wikipedia.org/wiki/Nystatin>



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Nystatin



Systematic (IUPAC) name

(1*S*,3*R*,4*R*,7*R*,9*R*,11*R*,15*S*,16*R*,17*R*,18*S*,19*E*,21*E*,
25*E*,27*E*,29*E*,31*E*,33*R*,35*S*,36*R*,37*S*)-33-[(3-amino-3,
6-dideoxy-β-L-mannopyranosyl)oxy]-1, 3,4,7,9,11,17,37-octahydroxy-15,
16,18-trimethyl-13-oxo-14, 39-dioxabicyclo[33.3.1]nonatriaconta-19,
21,25,27,29,31-hexaene-36-carboxylic acid

Clinical data

<u>Pregnancy cat.</u>	?
<u>Legal status</u>	?
<u>Routes</u>	topical & oral (but not absorbed)

Pharmacokinetic data

<u>Bioavailability</u>	0% on oral ingestion
<u>Metabolism</u>	?
<u>Half-life</u>	?

Excretion ?

Identifiers

CAS number [1400-61-9](#)

ATC code [A07AA02](#) [D01AA01](#) [G01AA01](#)

PubChem [CID 14960](#)

DrugBank [APRD01146](#)

ChemSpider [10468627](#)

UNII [BDF1O1C72E](#)^{*}

KEGG [D00202](#)^{*}

ChEMBL [CHEMBL229383](#)^{*}

Chemical data

Formula [C₄₇H₇₅NO₁₇](#)

Mol. mass [926.09](#)

SMILES [eMolecules](#) & [PubChem](#)

[InChI](#)[show]

^{*}[\(what is this?\)](#) [\(verify\)](#)

Nystatin is a polyene antifungal drug to which many molds and yeast infections are sensitive, including *Candida*. Due to its toxicity profile, there are currently no injectable formulations of this drug on the US market.^[1] However, nystatin may be safely given orally as well as applied topically due to its minimal absorption through mucocutaneous membranes such as the gut and the skin.^{[2][3]}

Contents

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- [1 Uses](#)
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7/15/11
MAY ✓
7/16/11 ✓
JOANE

BB

General Instructions with ExitWriter
Highline Medical Center - Specialty Campus
Emergency Department
12844 Military Road S, Tukwila, WA 98168 206-248-4739
07/14/2011 10:05

Patient: LAHAM, ELANA

Thank you for visiting the Highline Medical Center - Specialty Campus - Emergency Department. You have been evaluated today by CHOCK, ALAN, MD for the following condition(s):

Skin rash undetermined cause.

→ VICKI (Discharge Nurse) ✓
JoAne (Intake Nurse) ✓

INSTRUCTIONS
(Rash Instructions).

Warnings: GENERAL WARNINGS: Return or contact your physician immediately if your condition worsens or changes unexpectedly, if not improving as expected, or if other problems arise. Specifically return if fever greater than 102 degrees F. worsening of rash, symptoms or condition.

Prescription Medications:

Nystatin Topical Cream: apply to affected areas twice daily as needed for rash. Dispense sixty (60) grams.
One refill.

Follow-up:

Follow up with your doctor (Dermatology referrals) as scheduled 8/8/11 for specialty evaluation, continuing follow-up care and treatment.

Understanding of the discharge instructions verbalized by patient. Discharge instructions reviewed with and understanding was verbalized by patient.

ADDITIONAL INFORMATION

DERMATITIS

[Non-specific]

Dermatitis is an inflammation of the skin. The exact cause of your rash is not certain. However, this rash does not appear to be an infection or contagious illness.

HOME CARE:

- 1) Keep the areas of rash clean by washing it daily. This also helps to keep the skin moist.
- 2) Use a neutral pH soap such as Dove or Lever 2000.
- 3) Apply a moisturizing lotion after bathing to prevent dry skin. Products that contain Lanolin or Aloe Vera are fine.

Transmission Log

The Boeing Company

Saturday, 2011-08-13 16:21

4252373769

Date	Time	Type	Job #	Length	Speed	Station Name/Number	Pgs	Status
2011-08-13	16:19	SCAN	00032	1:59	14400	82062467490	2	OK -- V.17 BM31

Prescription

Highline Medical Center - Specialty Campus
Emergency Department
12844 Military Road S, Tukwila, WA 98168 206-248-4739 / 246-7490

07/14/2011 10:05

Patient: LAHAM, ELANA

206-
ER Phone ~~206-248-4739~~ ER FAX
246-7490
206-244-0180
Desk Phone

RX

Nystatin Topical Cream: apply to affected areas twice daily as needed for rash. Dispense sixty (60) grams.
One refill.



CHOCK, ALAN, MD

Government issued identification required for all controlled substances.
Call Highline Emergency Department (206) 431-5316 if patient has frequent controlled substance prescriptions from multiple providers.

8/13/11

To Doctor Alan Chock,

Thank you for prescribing the Nystatin
that I requested that you do.
And for the three refills that you thought
to do on your own.
I no longer have the Candidas
that I told you that I thought
that I had.

Sincerely Yours,
ELANA LAHAM
ER Patient

HIGHLINE MEDICAL CENTER

ATTN: PHARMACIST - This Rx has a blue background. Hospital name is repeated on the reverse. An official watermark is on the back, hold at an angle to view. See back for more features.

PRODUCT INFORMATION:

DRUG: NYSTATIN 100,000 UNIT/GM CREAM

GENERIC NAME: NYSTATIN - TOPICAL - Information last revised May 2010 Copyright(c) 2010 First DataBank, Inc.

51672-1289-02

Color: yellow



USES: Nystatin is used to treat fungal skin infections. Nystatin is an antifungal that works by stopping the growth of fungus.

HOW TO USE: Use this medication on the skin only. Clean and thoroughly dry the area to be treated. Apply this medication to the affected skin, usually twice a day or as directed by your doctor. Dosage and length of treatment depends on the type of infection being treated. Do not apply this more often than prescribed. Apply enough medication to cover the affected area and some of the surrounding skin. After applying this medication, wash your hands unless you are using this medication to treat the hands. Do not wrap, cover or bandage the area unless directed to do so by your doctor. If used in the diaper area on an infant, do not use tight-fitting diapers or plastic pants. Do not apply this medication in the eyes, nose, mouth, or vagina. Use this medication regularly in order to get the most benefit from it. Remember to use it at the same times each day. Continue to use this medication until the full prescribed amount is finished, even if symptoms disappear after starting nystatin. Stopping the medication too early may allow the fungus to continue to grow, which may result in a return of the infection. Inform your doctor if your condition persists after 2 weeks of treatment or worsens at any time.

SIDE EFFECTS: Skin irritation or redness may occur. If either of these effects persist or worsen, notify your doctor or pharmacist promptly. Remember that your doctor has prescribed this medication because he or she has judged that the benefit to you is greater than the risk of side effects. Many people using this medication do not have serious side effects. A very serious allergic reaction to this drug is unlikely, but seek immediate medical attention if it occurs. Symptoms of a serious allergic reaction may include: rash, itching/swelling (especially of the face/tongue/throat), severe dizziness, trouble breathing. This is not a complete list of possible side effects. If you notice other effects not listed above, contact your doctor or pharmacist.

FredMeyer

THANK YOU FOR CHOOSING FREDDY'S!

365 Renton Center Way SW
425-204-5200
YOUR CASHIER WAS PHARMACY

RX 7000098000 PHARMACY 4.65 0
TAX 0.00
**** BALANCE 4.65
CASH 20.65
CHANGE 16.00
TOTAL NUMBER OF ITEMS SOLD = 1
07/14/11 2:24PM 459 65 14 999777

ENTER TO WIN
ONE OF 20
\$100 GIFT CARDS

You are invited to complete a survey about your recent visit to Fred Meyer. Answer by internet @ www.fredmeyer.com

You need this receipt to request

Survey Entry Code 701 999

SAVE THIS RECEIPT FOR REFUNDS OR ADJUSTMENTS

FLEXIBLE SPENDING TOTAL : 4.65



910045970106590141107141234

Do not flush unused medications or pour down a sink or drain.

IMPORTANT: HOW TO USE THIS INFORMATION: This is a summary and does NOT have all possible information about this product. This information does not assure that this product is safe, effective, or appropriate for you. This information is not individual medical advice and does not substitute for the advice of your health care professional. Always ask your health care professional for complete information about this product and your specific health needs.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088



BlueCross BlueShield of Illinois

300 East Randolph
Chicago, Illinois 60601-5099



Explanation of Benefits (EOB). This is not a bill.
BOEING TRADITIONAL MEDICAL PLAN
07-27-11

Customer Service: 1-888-802-8776

MICHAEL S LAHAM
PO BOX 66
RENTON WA 98057-0066

****THE IMPORTANT UPDATE SECTION IS NOT APPLICABLE TO ALL POLICIES OR PLANS****

Claim Information

Member Name: MICHAEL S LAHAM
Group No.: 7SPE00
Identification No.: BHP831604964
Claim No.: 1207551859N0H
Patient Name: ELANA LAHAM

SUMMARY

Total Billed: \$500.10
Total Benefits Approved: \$300.07
Amount You May Owe Provider: \$50.00

SERVICE INFORMATION

	Service Date	Amount Billed	Not Covered	Covered
HIGHLINE MEDICAL C Emer Room Services	07-14-11	500.10	150.03 (1)	350.07
Totals		\$500.10	\$150.03	\$350.07

COVERAGE INFORMATION

Totals		\$500.10	\$150.03	\$350.07
Deductions				
Your Emergency Copayment Amount		\$50.00		
Total Deductions				-\$50.00
Total Benefits Approved				\$300.07
Amount You May Owe Provider				\$50.00
Total covered benefits approved for this claim: \$300.07 to HIGHLINE MEDICAL C on 07-27-11.				

Information About Amounts Not Covered

7/14/11	63043	Elana Laham	Sif	104409124			50	R
DATE	RECEIPT NUMBER	PATIENT NAME	PAID BY (OTHER THAN PATIENT)	PATIENT NUMBER	CODE	CASH AMOUNT	CHECK AMOUNT	

CHK #2122

RECEIPT NO. **63043**

HIGHLINE MEDICAL CENTER

16251 Sylvester Rd., S.W./Burien, Washington 98166/Phone: (206) 244-9970

Thank You