

# HealthTrackRx Syndromic Menu

## NOT TYPICALLY DETECTED BY CULTURE

Fungal   Protozoal   Slow Growing   Streptococcus Species   Anaerobe   Not Typically Tested by Culture

HealthTrackRx is the premier PCR-based infectious disease laboratory, delivering industry-leading testing turnaround times to healthcare providers nationwide. For more than 20 years, the company has enabled accurate clinical decisions through its testing platform, advancement in pathogen detection and identification, and antimicrobial stewardship leadership.

### OPHTHALMOLOGY

Acanthamoeba castellanii,  
polyphaga; Vermamoeba  
(Hartmannella) vermiciformis  
Acinetobacter baumannii  
Adenovirus  
Alternaria spp., Curvularia lunata,  
Penicillium spp.  
Aspergillus flavus, fumigatus,  
niger, terreus  
Bacillus cereus, thuringiensis  
Candida albicans, glabrata,  
parapsilosis, tropicalis  
Chlamydia trachomatis  
Citrobacter freundii  
Cutibacterium (Propionibacterium)  
acnes  
Cytomegalovirus<sup>1</sup>  
Enterobacter cloacae complex,  
Klebsiella (Enterobacter)  
aerogenes  
Enterococcus faecalis, faecium  
Enterovirus (pan)  
Epstein-Barr virus<sup>2</sup>

Escherichia coli  
Fusarium oxysporum, solani  
Fusobacterium nucleatum, necrophorum  
Haemophilus influenzae  
Herpes simplex virus 1, 2<sup>3</sup>  
Klebsiella pneumoniae, oxytoca  
Microsporidia (Encephalitozoon hellem,  
cuniculi, Nosema (Vittaforma) oculorum)  
Moraxella catarrhalis  
Morganella morganii  
Neisseria gonorrhoeae  
Proteus mirabilis, vulgaris  
Pseudomonas aeruginosa  
Staphylococcus aureus  
Staphylococcus spp.<sup>4</sup>  
Streptococcus agalactiae<sup>5</sup>  
Streptococcus pneumoniae  
Streptococcus pyogenes<sup>6</sup>  
Varicella zoster virus<sup>7</sup>

### OTOLARYNGOLOGY

Acinetobacter baumannii  
Adenovirus  
Alternaria spp., Curvularia lunata,  
Penicillium spp.  
Aspergillus flavus, fumigatus, niger,  
terreus  
Bordetella pertussis, parapertussis,  
bronchiseptica  
Candida albicans, glabrata,  
parapsilosis, tropicalis  
Chlamydia trachomatis  
Cutibacterium (Propionibacterium)  
acnes  
Cytomegalovirus<sup>1</sup>  
Enterobacter cloacae complex,  
Klebsiella (Enterobacter) aerogenes  
Enterococcus faecalis, faecium  
Enterovirus (pan)  
Epstein Barr Virus<sup>2</sup>  
Escherichia coli

Fusarium oxysporum, solani  
Fusobacterium nucleatum,  
necrophorum  
Haemophilus influenzae  
Herpes simplex virus 1, 2<sup>3</sup>  
Klebsiella pneumoniae, oxytoca  
Moraxella catarrhalis  
Neisseria gonorrhoeae  
Parainfluenza virus (types 1, 2, 3, 4)  
Proteus mirabilis, vulgaris  
Pseudomonas aeruginosa  
Staphylococcus aureus  
Staphylococcus spp.<sup>4</sup>  
Streptococcus agalactiae<sup>5</sup>  
Streptococcus pneumoniae  
Streptococcus pyogenes<sup>6</sup>  
Varicella zoster virus<sup>7</sup>

### BRONCHITIS / BRONCHIOLITIS / PNEUMONIA

Acinetobacter baumannii  
Adenovirus HAdV-B  
Bordetella pertussis, parapertussis,  
bronchiseptica  
Chlamydia pneumoniae  
Coronavirus  
(229E, NL63, HKU1, OC43)  
COVID-19 Coronavirus  
(SARS-CoV-2)  
Enterobacter cloacae complex,  
Klebsiella (Enterobacter)  
aerogenes  
Enterovirus D68  
Escherichia coli  
Haemophilus influenzae  
Human metapneumovirus  
Influenza virus, A, B  
Enterobacter cloacae complex,  
Klebsiella pneumoniae, oxytoca  
Legionella pneumophila

Moraxella catarrhalis  
Mycoplasma pneumoniae  
Parainfluenza virus  
(types 1, 2, 3, 4)  
Proteus mirabilis, vulgaris  
Pseudomonas aeruginosa  
Respiratory syncytial virus  
Rhinovirus/Enterovirus  
Serratia marcescens  
Staphylococcus aureus  
Streptococcus agalactiae<sup>5</sup>  
Streptococcus pneumoniae  
Streptococcus pyogenes<sup>6</sup>

**ADD-ON ONLY**  
Chlamydia trachomatis  
Mycobacterium tuberculosis  
Neisseria gonorrhoeae

### GASTROINTESTINAL

Adenovirus HAdV-F, HAdV-G  
Astrovirus, Sapovirus G1, G2  
Campylobacter jejuni, coli  
**Clostridioides difficile (toxins A, B)**  
Enteropathogenic E. coli (EPEC)  
Enteroinvasive E. coli (EIEC) /  
Shigella spp.  
Enterotoxigenic E. coli (ETEC)  
**Listeria monocytogenes**  
Norovirus (Genogroup 1, 2)  
Rotavirus A, B  
**Salmonella enterica**  
Shiga toxin-producing E. coli (STEC)

Shiga toxin-producing E. coli O157  
(STEC O157)  
Vibrio cholerae, parahaemolyticus,  
vulnificus  
Yersinia enterocolitica

**ADD-ON ONLY**  
Candida albicans, parapsilosis,  
tropicalis  
Candida glabrata  
Candida krusei  
Chlamydia trachomatis  
Neisseria gonorrhoeae  
Trichomonas vaginalis

### URINARY TRACT INFECTION

Acinetobacter baumannii  
Candida albicans, parapsilosis,  
tropicalis  
Candida glabrata  
Candida krusei  
Citrobacter freundii  
Enterobacter cloacae complex,  
Klebsiella (Enterobacter)  
aerogenes  
Enterococcus faecalis, faecium

Escherichia coli  
Klebsiella pneumoniae, oxytoca  
Morganella morganii  
Proteus mirabilis, vulgaris  
Pseudomonas aeruginosa  
Serratia marcescens  
Staphylococcus aureus  
Staphylococcus spp.  
Streptococcus agalactiae<sup>5</sup>  
Streptococcus pyogenes<sup>6</sup>

### ONYCHOMYCOSIS

Aspergillus flavus, fumigatus,  
niger, terreus  
Blastomyces dermatitidis  
Candida albicans, glabrata,  
parapsilosis, tropicalis  
Epidermophyton floccosum  
Fusarium oxysporum, solani  
Malassezia furfur, restricta,  
sppodialis, globosa  
Microsporum audouinii, canis,  
gypseum  
Pseudomonas aeruginosa

Trichophyton mentagrophytes,  
interdigitale, rubrum,  
soudanense, terrestre,  
tonsurans, verrucosum,  
violaceum  
Trichosporon mucoides, asahii

**ADD-ON ONLY**  
Candida auris

### URETHRITIS/ DISCHARGE

Chlamydia trachomatis  
Herpes simplex virus 1  
Herpes simplex virus 2  
Mycoplasma genitalium, hominis

Neisseria gonorrhoeae  
Trichomonas vaginalis  
Ureaplasma urealyticum, parvum

### CHRONIC WOUND / ULCER

**BACTERIAL/VIRUS**  
Acinetobacter baumannii  
Bacteroides fragilis, vulgatus  
Citrobacter freundii  
Clostridium perfringens, novyi, septicum  
Corynebacterium jeikeium, striatum,  
tuberculostearicum  
Cutibacterium (Propionibacterium) acnes  
Enterobacter cloacae complex,  
Klebsiella (Enterobacter) aerogenes  
Enterococcus faecalis, faecium  
Escherichia coli  
Haemophilus influenzae  
Herpes simplex virus 1, 2<sup>3</sup>  
Klebsiella pneumoniae, oxytoca  
Proteus mirabilis, vulgaris  
Pseudomonas aeruginosa  
Salmonella enterica  
Serratia marcescens  
Staphylococcus aureus  
Staphylococcus spp.<sup>4</sup>  
Streptococcus agalactiae<sup>5</sup>  
Streptococcus pneumoniae

Streptococcus pyogenes<sup>6</sup>  
Varicella zoster virus<sup>7</sup>  
Vibrio cholerae, parahaemolyticus,  
vulnificus

#### FUNGAL

Aspergillus flavus, fumigatus, niger,  
terreus  
Candida albicans, glabrata, parapsilosis,  
tropicalis  
Epidermophyton floccosum  
Fusarium oxysporum, solani  
Malassezia furfur, restricta, sppodialis,  
globosa  
Microsporum audouinii, canis, gypseum  
Trichophyton mentagrophytes/  
interdigitale, rubrum, soudanense,  
terrestre, tonsurans, verrucosum,  
violaceum  
Trichosporon mucoides, asahii

**ADD-ON ONLY**  
Human Monkeypox virus

### VAGINITIS

Atopobium vaginae  
BVAB2,3 (Bacterial vaginosis-  
associated bacteria 2,3);  
Mobiluncus spp  
Candida albicans, parapsilosis,  
tropicalis  
Candida glabrata  
Candida krusei  
Chlamydia trachomatis  
Gardnerella vaginalis

Herpes simplex virus 1  
Herpes simplex virus 2  
Megaspheara (types 1, 2)  
Neisseria gonorrhoeae  
Trichomonas vaginalis  
**ADD-ON ONLY**  
High Risk HPV types 16, 39, 26, 18,  
51, 53, 31, 52, 66, 33, 58, 73, 35, 59,  
82, 45, 56, 68, 67, 69, 70

### ADDITIONAL MENUS OFFERED

Common Bacterial/Viral Respiratory Infection-  
Pharyngitis/Laryngitis  
Treatable Respiratory Viruses  
Extended Respiratory Viral/Acute Rhinosinusitis  
Acute Otitis Media/Mastoiditis

UTI + High Risk Sexual Behavior  
Genitourinary  
Genital Lesion  
High Risk Sexual Behavior  
Urethritis/Discharge + Vaginitis

Pelvic Inflammatory Disease  
Proctitis  
Acute Wound/Pustular Lesions/Skin Abscesses  
Tinea  
Blistering Skin Lesion

<sup>1</sup>Human Herpesvirus 5, CMV  
<sup>2</sup>Human Herpesvirus 4, EBV  
<sup>3</sup>HSV-1, HSV-2

<sup>4</sup>Coagulase negative species:  
S. epidermidis, S. haemolyticus,  
S. lugdunensis, S. saprophyticus

<sup>5</sup>Group B Strep  
<sup>6</sup>Group A Strep

<sup>7</sup>Human Herpesvirus 3, VZV

# HealthTrackRx Symptoms and Commonly-Used ICD Codes

## OPHTHALMOLOGY

### PANEL DESCRIPTION

Consider if patient presents with eye pain, eye redness, blurred vision, sensitivity to light, excessive tearing, and/or eye discharge.

ICD Code	Description
B00.50	Herpesviral ocular disease, unspecified
B00.52	Herpesviral keratitis
H10.31	Unspecified acute conjunctivitis, right eye
H10.32	Unspecified acute conjunctivitis, left eye
H10.33	Unspecified acute conjunctivitis, bilateral
H16.001	Unspecified corneal ulcer, right eye
H16.002	Unspecified corneal ulcer, left eye
H16.011	Central corneal ulcer, right eye
H16.012	Central corneal ulcer, left eye
H16.041	Marginal corneal ulcer, right eye
H16.042	Marginal corneal ulcer, left eye

## BRONCHITIS / BRONCHIOLITIS / PNEUMONIA

### PANEL DESCRIPTION

Consider if patient presents with upper respiratory tract infection, high grade fever, dyspnea, cough, sputum production, hypoxia & chest x-ray opacity.

ICD Code	Description
J00	Acute nasopharyngitis [common cold]
J01.90	Acute sinusitis
J06.9	Acute upper respiratory infection, unspecified
J10.1	Influenza due to other identified influenza virus with other respiratory manifestations
J20.9	Acute bronchitis
R05.1	Acute cough
R05.8	Other specified cough
R06.2	Wheezing
R07.0	Pain in throat
R09.81	Nasal congestion
R50.9	Fever, unspecified
Z11.52	Encounter for screening for COVID-19
Z11.59	Encounter for screening for other viral diseases
Z20.822	Contact with and (suspected) exposure to COVID-19
Z20.828	Contact with and (suspected) exposure to other viral communicable diseases

## URINARY TRACT INFECTION

### PANEL DESCRIPTION

Consider if patient presents with dysuria, hematuria, urgency of urination, frequency of micturition, bacteriuria, or pain of micturition.

ICD Code	Description
N30.00	Acute cystitis without hematuria
N30.01	Acute cystitis with hematuria
N39.0	Urinary tract infection, site not specified
N39.1	Persistent proteinuria, unspecified
R30.0	Dysuria
R30.9	Painful micturition, unspecified
R31.0	Gross hematuria
R35.0	Frequency of micturition
R82.9	Other and unspecified abnormal findings in urine
R82.998	Other abnormal findings in urine
Z87.440	Personal history of urinary (tract) infections

## URETHRITIS/ DISCHARGE

### PANEL DESCRIPTION

Consider if patient has pain with urination, pruritus, burning, and discharge.

ICD Code	Description
N89.9	Noninflammatory disorder of vagina, unspecified
R10.9	Unspecified abdominal pain
R30.0	Dysuria
R30.9	Painful micturition, unspecified
R31.9	Hematuria, unspecified
R36.9	Urethral discharge, unspecified
Z00.129	Encounter for routine child health examination without abnormal findings
Z01.419	Encounter for gynecological examination (general) (routine) without abnormal findings
Z11.3	Encounter for screening for infections with a predominantly sexual mode of transmission
Z20.2	Contact with and (suspected) exposure to infections with a predominantly sexual mode of transmission
Z72.51	High risk heterosexual behavior
Z72.52	High risk homosexual behavior

## VAGINITIS

### PANEL DESCRIPTION

Consider if patient presents with vaginal discharge, odor, itching, and/or discomfort, Bacterial Vaginosis, VulvoVaginal Candidiasis.

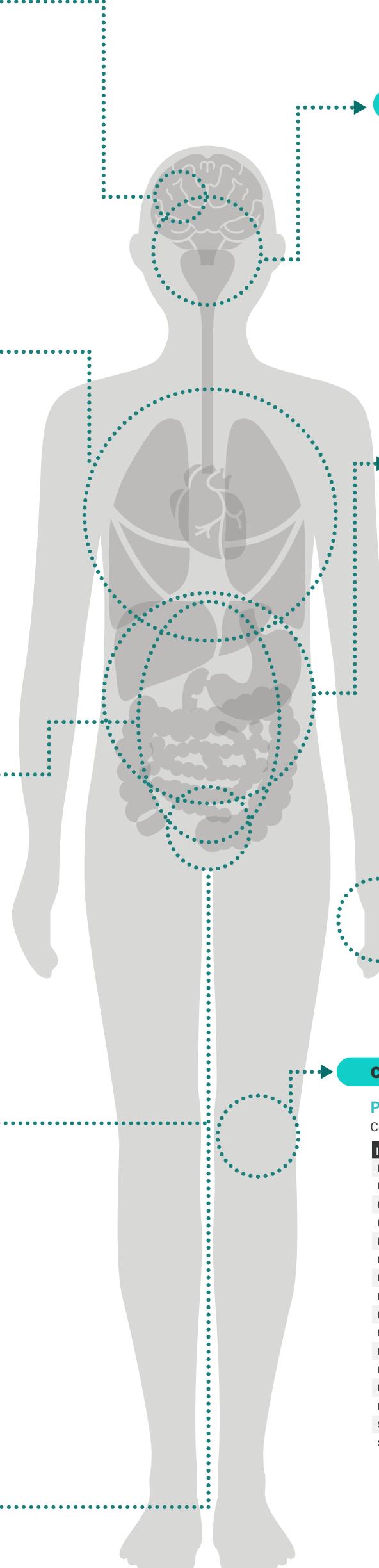
ICD Code	Description
N76.0	Acute vaginitis
N76.1	Subacute and chronic vaginitis
N76.89	Other specified inflammation of vagina and vulva
N93.9	Abnormal uterine and vaginal bleeding, unspecified
R30.0	Dysuria
Z72.51	High risk heterosexual behavior
Z11.3	Encounter for screening for infections with a predominantly sexual mode of transmission

## OTOLARYNGOLOGY

### PANEL DESCRIPTION

Consider if patient presents with chronic or complicated ear, nose, or throat infection.

ICD Code	Description
J02.0	Streptococcal pharyngitis
J02.9	Acute pharyngitis
J32.0	Chronic maxillary sinusitis
J32.8	Other chronic sinusitis
J32.9	Chronic sinusitis, unspecified
K12.1	Other forms of stomatitis
K12.2	Cellulitis and abscess of mouth
Z20.822	Contact with and (suspected) exposure to COVID-19
Z20.828	Contact with and (suspected) exposure to other viral communicable diseases



## GASTROINTESTINAL

### PANEL DESCRIPTION

Consider if patient presents with acute diarrhea ,+/- nausea, vomiting, fever, or abdominal pain that lasts < 14 days.

ICD Code	Description
A04.72	Enterocolitis due to Clostridium difficile, not specified as recurrent
A09	Infectious gastroenteritis and colitis, unspecified
R10.13	Epigastric pain
R10.30	Lower abdominal pain, unspecified
R11.2	Nausea with vomiting, unspecified
R14.0	Abdominal distension (gaseous)
R19.7	Diarrhea, unspecified

## ONYCHOMYCOSIS

### PANEL DESCRIPTION

Minor skin disorder presenting with nail discoloration (yellow, white, or brown), dystrophy (deformed), thickening, onycholysis (separation from nail bed).

ICD Code	Description
B35.1	Tinea unguium
L60.1	Onycholysis
L60.3	Nail dystrophy
L60.8	Other nail disorder

## CHRONIC WOUND / ULCER

### PANEL DESCRIPTION

Consider if patient presents with skin erythema, edema, warmth, or cellulitis.

ICD Code	Description
L01.00	Impetigo, unspecified
L02.214	Cutaneous abscess of groin
L02.818	Cutaneous abscess of other sites
L03.113	Cellulitis of right upper limb
L03.114	Cellulitis of left upper limb
L03.115	Cellulitis of right lower limb
L03.116	Cellulitis of left lower limb
L03.90	Cellulitis, unspecified
L30.4	Erythema intertrigo
L30.8	Other specified dermatitis
L89.144	Pressure ulcer of left lower back
L97.512	Non-pressure chronic ulcer of other part of right foot with unspecified severity
L97.522	Non-pressure chronic ulcer of other part of left foot with fat layer exposed
R89.5	Abnormal microbiological findings in specimens from other organs, systems and tissues
S81.802A	Unspecified open wound, left lower leg, initial encounter
S81.801A	Unspecified open wound, right lower leg, initial encounter