

RVIRO

COMMON SIGNS & SYMPTOMS: Acute upper respiratory tract infection, high-grade fever, acute cough, runny nose, pain in throat, wheezing, or nasal congestion
J00, J06.9, R05.1, R50.9, Z20.828, Z20.822

Respiratory syncytial virus
Rhinovirus/Enterovirus

SMRPP

COMMON SIGNS & SYMPTOMS: Acute upper respiratory tract infection, high-grade fever, cough, runny nose, pain in throat, wheezing, nasal congestion, shortness of breath, malaise

Influenza virus A, B
Respiratory syncytial virus

NWPHG

COMMON SIGNS & SYMPTOMS: Pain in throat, fever, pharyngeal edema, patchy tonsillar exudates, and tender/swollen anterior cervical lymph nodes
J00, J02.9, J06.0, R05.1, R05.2, R50.9

Respiratory syncytial virus
Rhinovirus/Enterovirus
Resistance
dfr (A1, A5), sul (1, 2)
ermB, C; mefA
tet B, tet M

ADD-ON: Epstein-Barr Virus (Human Herpesvirus 4, EBV) (NWPHG478), Herpes simplex virus 1 (NWPHG533), Herpes simplex virus 2 (NWPHG534), *Fusobacterium nucleatum*, *necrophorum* (NWPHG397)

RBVB

COMMON SIGNS & SYMPTOMS: Upper or lower respiratory tract infection, including cough, moderate temperature elevation, and mucopurulent sputum

Respiratory syncytial virus
Rhinovirus/Enterovirus
Resistance
dfr (A1, A5), sul (1, 2)
ermB, C; mefA
tet B, tet M

ADD-ON: Epstein-Barr Virus (Human Herpesvirus 4, EBV) (*RBVBP478*)

MESLV702

COMMON SIGNS & SYMPTOMS: Concern of measles with symptoms consistent with an upper respiratory infection, including high fever, cough, runny nose, red watery eyes, and evidence of maculopapular rash and/or Koplik spots. *B05.9, R05.1, R50.9, Z11.59, R21*

Viral Measles

UBASE

COMMON SIGNS & SYMPTOMS: Dysuria, hematuria, urgency of urination, frequency of micturition, or pain of micturition
N30.00, N30.01, N39.1, R30.0, R30.9, R31.0, R35.0, R82.9, R82.998, Z87.440

Resistance
ACT, MIR, FOX, ACC Groups
CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups
dfr (A1, A5), sul (1, 2)
ermB, C; mefA
IMP, NDM, VIM Groups
mecA
OXA-48, OXA-51
qnrA1, A2, B2
SHV, KPC Groups
tet B, tet M
VanA, VanB



IDENTIFYING INFECTIONS

Syndromic Menu Ordering Reference Guide



Urinary Tract Infection + High Risk Sexual Behavior **URINE**

SPECIMEN TYPES: Urine (voided), Urine (catheter), Internal Urethra

COMMON SIGNS & SYMPTOMS: Dysuria, hematuria, urgency of urination, frequency of micturition, pain of micturition, and high risk sexual behavior

N30.00, N30.01, N39.0, N39.1, R30.0, R30.9, R31.0, R35.0, R82.9, R82.998, Z87.440, Z20.2, Z72.51, Z72.52

Bacterial

Acinetobacter baumannii
Chlamydia trachomatis
Citrobacter freundii
Enterobacter cloacae complex, Klebsiella (Enterobacter) aerogenes
Enterococcus faecalis, faecium
Escherichia coli
Klebsiella pneumoniae, oxytoca
Morganella morganii
Mycoplasma genitalium
Mycoplasma hominis
Neisseria gonorrhoeae
Proteus mirabilis, vulgaris
Pseudomonas aeruginosa

Serratia marcescens
Staphylococcus aureus
Staphylococcus epidermidis, haemolyticus, lugdunensis
Staphylococcus saprophyticus
Streptococcus agalactiae (Group B Strep)
Ureaplasma parvum
Ureaplasma urealyticum

Protozoal

Trichomonas vaginalis

Fungal

Candida albicans, parapsilosis, tropicalis
Candida glabrata (Nakaseomyces glabratus)
Candida krusei (Pichia kudriavzevii)

Resistance

ACT, MIR, FOX, ACC Groups
CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups
dfr (A1, A5), sul (1, 2)
ermB, C; mefA
IMP, NDM, VIM Groups
mecA
OXA-48, OXA-51
qnrA1, A2, B2
SHV, KPC Groups
tet B, tet M
VanA, VanB



Urethritis / Discharge **URSDC**

SPECIMEN TYPES: Urine (voided), Internal Urethra

COMMON SIGNS & SYMPTOMS: Pain with urination, itching, burning, and discharge

R36.9, R30.0, R30.9, R31.9, Z20.2, Z72.51, Z72.52

Bacterial

Chlamydia trachomatis
Mycoplasma genitalium
Mycoplasma hominis
Neisseria gonorrhoeae
Ureaplasma parvum
Ureaplasma urealyticum

Viral

Herpes simplex virus 1
Herpes simplex virus 2

Protozoal

Trichomonas vaginalis

Resistance

dfr (A1, A5), sul (1, 2)
ermB, C; mefA
tet B, tet M

Vaginitis **VGITS**

SPECIMEN TYPES: Vaginal, Cervical/Endometrial, Vulva/Labia/Vestibule/Perineal, Urine (voided)

COMMON SIGNS & SYMPTOMS: Vaginal discharge, odor, itching, irritation, bacterial vaginosis, vulvovaginal candidiasis

N76.0, N76.1, N76.89, N77.1, N93.9, R30.0, Z72.51

Bacterial

BVAB2, 3 (Bacterial vaginosis-associated bacteria 2, 3);
Mobiluncus spp.
Chlamydia trachomatis
Fannyhessea (Atopobium) vaginae
Gardnerella vaginalis
Megaspheara (types 1, 2)
Neisseria gonorrhoeae

Viral

Herpes simplex virus 1
Herpes simplex virus 2

Protozoal

Trichomonas vaginalis

Fungal

Candida albicans, parapsilosis, tropicalis

Candida glabrata (Nakaseomyces glabratus)
Candida krusei (Pichia kudriavzevii)

Resistance

dfr (A1, A5), sul (1, 2)
ermB, C; mefA
tet B, tet M

Recurrent Vaginitis **URDVS**

SPECIMEN TYPES: Vaginal, Cervical/Endometrial, Vulva/Labia/Vestibule/Perineal, Urine (voided)

COMMON SIGNS & SYMPTOMS: Pain with urination, burning, urethral discharge, vaginal discharge, odor, itching, irritation, or recurrent vaginitis

N76.1, N76.89, N77.1, N93.9, R30.0, Z72.51

Bacterial

BVAB2, 3 (Bacterial vaginosis-associated bacteria 2, 3);
Mobiluncus spp.
Chlamydia trachomatis
Fannyhessea (Atopobium) vaginae
Gardnerella vaginalis
Megaspheara (types 1, 2)
Mycoplasma genitalium
Mycoplasma hominis

Neisseria gonorrhoeae
Ureaplasma parvum
Ureaplasma urealyticum

Viral

Herpes simplex virus 1
Herpes simplex virus 2

Protozoal

Trichomonas vaginalis

Fungal

Candida albicans, parapsilosis, tropicalis
Candida glabrata (Nakaseomyces glabratus)
Candida krusei (Pichia kudriavzevii)

Resistance

dfr (A1, A5), sul (1, 2)
ermB, C; mefA
tet B, tet M

Genital Lesion **GNLSN**

SPECIMEN TYPES: Genital Ulcer/Lesion, Vaginal, Cervical/Endometrial, Rectal/Anal, Oropharynx/Throat/Oral, Ulcer/Lesion

COMMON SIGNS & SYMPTOMS: Genital ulcer or lesion

N48.5, N76.6, N50.9, N90.89, Z20.2, Z72.51, Z72.52

Bacterial

Chlamydia trachomatis
Haemophilus ducreyi (Chancroid)
Treponema pallidum (Syphilis)

Viral

Herpes simplex virus 1
Herpes simplex virus 2
Mpox (Monkeypox)

Resistance

dfr (A1, A5), sul (1, 2)
ermB, C; mefA
tet B, tet M

CGT **NWCGT**

SPECIMEN TYPES: Urine (voided), Urine (catheter), Internal Urethra, Vaginal, Cervical/Endometrial, Vulva/Labia/Vestibule/Perineal, Rectal/Anal, Penile Meatus, Genital skin, Oropharynx/Throat/Oral

COMMON SIGNS & SYMPTOMS: High risk heterosexual behavior, high risk homosexual behavior, or suspected exposure to a sexually transmitted infection

Z11.3, Z20.2, Z72.51, Z72.52

Bacterial

Chlamydia trachomatis
Neisseria gonorrhoeae

Protozoal

Trichomonas vaginalis

IDENTIFYING INFECTIONS

Syndromic Menu Ordering Reference Guide



Adult Diarrheal Disease **GSTRO**

SPECIMEN TYPES: Rectal (fecal), Stool

COMMON SIGNS & SYMPTOMS: Community-acquired diarrhea, pt has significant fever + bloody stools, <7 days of symptoms. Concern of parasitic infection if patient has symptoms >14 days
R19.7, R10.13, R10.30, A09

Bacterial

Campylobacter coli, jejuni, upsaliensis
Enteroinvasive E. coli (EIEC) / Shigella spp.
Enteropathogenic E. coli (EPEC)
Enterotoxigenic E. coli (ETEC)
Salmonella
Shiga toxin-producing E. coli (STEC)
Shiga toxin-producing E. coli O157 (STEC O157)
Vibrio cholerae, parahaemolyticus, vulnificus

Yersinia enterocolitica

Viral

Adenovirus F40/F41
Norovirus (Genogroup 1, 2)
Resistance
ACT, MIR, FOX, ACC Groups
CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups
dfr (A1, A5), sul (1, 2)
ermB, C; mefA

IMP, NDM, VIM Groups
OXA-48, OXA-51
qnrA1, A2, B2
SHV, KPC Groups
tet B, tet M

+ ADD-ON: Clostridioides difficile (toxins A, B), VanA, VanB (GSTROCV), (ALL PARASITES: GSTROAO), Cryptosporidium (GSTRO475), Cyclospora cayetanensis (GSTRO476), Dientamoeba fragilis (GSTRO477), Entamoeba histolytica (GSTRO559), Giardia lamblia (intestinalis) (GSTRO481), Microsporidium (Enterocytozoon bienusi, Encephalitozoon intestinalis) (GSTRO483)

Pediatric Diarrheal Disease **PEDGI**

SPECIMEN TYPES: Rectal (fecal), Stool

COMMON SIGNS & SYMPTOMS: Community-acquired pediatric diarrhea, pt has significant fever + bloody stools, <7 days of symptoms. Concern of parasitic infection if patient has symptoms >14 days.
R19.7, R10.13, R10.30, A09

Bacterial

Campylobacter coli, jejuni, upsaliensis
Enteroinvasive E. coli (EIEC) / Shigella spp.
Enterotoxigenic E. coli (ETEC)
Salmonella
Shiga toxin-producing E. coli (STEC)
Shiga toxin-producing E. coli O157 (STEC O157)
Vibrio cholerae, parahaemolyticus, vulnificus

Viral

Adenovirus F40/41
Astrovirus
Norovirus (Genogroup 1, 2)
Rotavirus A
Resistance
ACT, MIR, FOX, ACC Groups
CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups

dfr (A1, A5), sul (1, 2)
ermB, C; mefA
IMP, NDM, VIM Groups
OXA-48, OXA-51
qnrA1, A2, B2
SHV, KPC Groups
tet B, tet M

+ ADD-ON: Clostridioides difficile (toxins A, B), VanA, VanB (PEDGICV), (ALL PARASITES: PEDGIAO), Cryptosporidium (PEDGI475), Cyclospora cayetanensis (PEDGI476), Dientamoeba fragilis (PEDGI477), Entamoeba histolytica (PEDGI559), Giardia lamblia (intestinalis) (PEDGI481), Microsporidium (Enterocytozoon bienusi, Encephalitozoon intestinalis) (PEDGI483)



Superficial Wound **ACWUN**

SWAB SITES: Wound Swabs (all locations)

COMMON SIGNS & SYMPTOMS: Recent wound from trauma with erythema, edema, heat, purulent exudate, and/or pain
B00.9, B02.9, L01.00, L08.9, L30.9, L53.9, R60.0, S81.802A, S81.801A

Bacterial

Acinetobacter baumannii
Bacteroides fragilis, Phocaeicola vulgatus
Citrobacter freundii
Clostridium perfringens, novyi, septicum
Enterobacter cloacae complex, Klebsiella (Enterobacter) aerogenes
Enterococcus faecalis, faecium
Escherichia coli
Klebsiella pneumoniae, oxytoca

Proteus mirabilis, vulgaris
Pseudomonas aeruginosa
Serratia marcescens
Staphylococcus aureus
Streptococcus agalactiae (Group B Strep)
Streptococcus pyogenes (Group A Strep)
Vibrio cholerae, parahaemolyticus, vulnificus
Resistance
ACT, MIR, FOX, ACC Groups
CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups

dfr (A1, A5), sul (1, 2)
ermB, C; mefA
IMP, NDM, VIM Groups
mecA
OXA-48, OXA-51
qnrA1, A2, B2
SHV, KPC Groups
tet B, tet M
VanA, VanB

+ ADD-ON: Mpox (Monkeypox) (ACWUN536), Herpes simplex virus 1 (ACWUN533), Herpes simplex virus 2 (ACWUN534), Varicella zoster virus (Human Herpesvirus 3, VZV) (ACWUN412)

Deep/Non-Healing Wound **WOUND**

SPECIMEN TYPES: Wound Swabs (all locations)

COMMON SIGNS & SYMPTOMS: Diabetic ulcer, tunneling wound, skin erythema, edema, warmth, abscess, or cellulitis
B00.9, B02.9, L01.00, L02.214, L02.818, L03.113, L03.114, L03.115, L03.116, L03.90, L30.4, L30.8, L89.144, L97.512, L97.522, S81.802A, S81.801

Bacterial

Acinetobacter baumannii
Bacteroides fragilis, Phocaeicola vulgatus
Citrobacter freundii
Clostridium perfringens, novyi, septicum
Corynebacterium jeikeium, striatum, tuberculoelasticum
Cutibacterium acnes
Enterobacter cloacae complex, Klebsiella (Enterobacter) aerogenes
Enterococcus faecalis, faecium
Escherichia coli
Klebsiella pneumoniae, oxytoca

Peptostreptococcus anaerobius, Peptoniphilus asaccharolyticus, Finegoldia magna, Anaerococcus prevotii
Proteus mirabilis, vulgaris
Pseudomonas aeruginosa
Serratia marcescens
Staphylococcus aureus
Staphylococcus epidermidis, haemolyticus, lugdunensis, saprophyticus
Streptococcus agalactiae (Group B Strep)
Streptococcus pyogenes (Group A Strep)
Vibrio cholerae, parahaemolyticus, vulnificus
Viral
Herpes simplex virus 1

Herpes simplex virus 2
Varicella zoster virus (Human Herpesvirus 3, VZV)
Resistance
ACT, MIR, FOX, ACC Groups
CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups
dfr (A1, A5), sul (1, 2)
ermB, C; mefA
IMP, NDM, VIM Groups
mecA
OXA-48, OXA-51
qnrA1, A2, B2
SHV, KPC Groups
tet B, tet M
VanA, VanB

Tinea **TNWUN**

SPECIMEN TYPES: Wound Swabs (all locations)

COMMON SIGNS & SYMPTOMS: Scaly ring-shaped area, itchiness, scaly skin, or noninflamed dermatosis on the body or hair follicle (tinea capitis or tinea barbae)
B35.0, B35.1, B35.3, B35.4, B35.8

Fungal

Candida albicans, glabrata, parapsilosis, tropicalis
Epidermophyton floccosum
Malassezia furfur, restricta, sympodialis, globosa

Microsporum audouinii, canis; Nannizzia gypsea
Trichophyton mentagrophytes/interdigitale, rubrum, tonsurans, violaceum

+ ADD-ON: Candidozyma (Candida) auris (TNWUN506)