IDENTIFYING INFECTIONS
Syndromic Menu Ordering Reference Guide

WHITE

Respiratory

Respiratory Tract Infection RTI

SPECIMEN TYPES: *Nasopharyngeal/Nares, Oropharynx/Throat/Oral, Cough Sputum*

COMMON SIGNS & SYMPTOMS: Upper or lower respiratory tract Infection, high-grade fever, acute cough, runny nose, pain in throat, wheezing, or nasal congestion.

Bacterial
Bordetella pertussis, parapertussis, bronchiseptica
Chlamydia pneumoniae
Mycoplasma pneumoniae

Viral
Adenovirus
Coronaviruses (229E, NL63, HKU1, OC43)
COVID-19 Coronavirus (SARS-CoV-2)
Enterovirus D68
Human metapneumovirus
Influenza virus A, B
Parainfluenza virus (types 1, 2, 3, 4)
Respiratory syncytial virus
Rhinovirus/Enterovirus

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

RTIPROAO **RTI – Persistent** Haemophilus influenzae, Moraxella catarrhalis, Streptococcus pneumoniae

RTITHRAO **SPECIMEN TYPE:** *Oropharynx/Throat/Oral ONLY*
RTI – Atypical Pharyngitis Epstein-Barr Virus (Human Herpesvirus 4), Fusobacterium nucleatum, necrophorum, Streptococcus dysgalactiae (Group C/G Strep)

Pharyngitis PHAR

SPECIMEN TYPES: *Oropharynx/Throat/Oral*

COMMON SIGNS & SYMPTOMS: Pain in throat, fever, pharyngeal edema, patchy tonsillar exudates, and tender/swollen anterior cervical lymph nodes.

Bacterial
Chlamydia pneumoniae
Mycoplasma pneumoniae
Streptococcus pyogenes (Group A Strep)

Viral
Adenovirus
Coronaviruses (229E, NL63, HKU1, OC43)
COVID-19 Coronavirus (SARS-CoV-2)
Enterovirus D68
Human metapneumovirus
Influenza virus A, B
Parainfluenza virus (types 1, 2, 3, 4)
Respiratory syncytial virus
Rhinovirus/Enterovirus

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

PHARRECAO **Pharyngitis – Persistent** Epstein-Barr Virus (Human Herpesvirus 4), Fusobacterium nucleatum, necrophorum, Streptococcus dysgalactiae (Group C/G Strep)

Flu,COVID,RSV FCRSV

SPECIMEN TYPES: Nasopharyngeal/Nares

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

Viral
COVID-19 Coronavirus (SARS-CoV-2)
Influenza virus A, B
Respiratory syncytial virus

Measles MESLV

SPECIMEN TYPES: Nasopharyngeal/Nares, Oropharynx/Throat/Oral

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.

Viral
Measles

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IDENTIFYING INFECTIONS
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WHITE

Genitourinary

Urinary Tract Infection UTI

SPECIMEN TYPES: *Urine (voided), Urine (catheter)*

COMMON SIGNS & SYMPTOMS: Dysuria, hematuria, urgency of urination, frequency of micturition, or pain of micturition.

Bacterial
Acinetobacter baumannii
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 epidermidis, haemolyticus, lugdunensis
Staphylococcus saprophyticus
Streptococcus agalactiae (Group B Strep)

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

Resistance
ACT, MIR, FOX, ACC Groups
CTX-M Groups
dfr (A1, A5), sul (1, 2)
ermA, B, C; mefA
IMP, NDM, VIM Groups
mecA (Methicillin Resistance)
OXA Groups
qnrA, qnrB
SHV, KPC Groups
tet B, tet M
VanA, VanB

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

UTISTI **UTI + STI Combined** Chlamydia trachomatis, Mycoplasma genitalium, Neisseria gonorrhoeae, Trichomonas vaginalis

UTISTIMU **UTI + STI – Atypical (Mycoplasma/Ureaplasma)** Mycoplasma hominis, Ureaplasma parvum, Ureaplasma urealyticum

Vaginitis VAGWT

SPECIMEN TYPES: *Vaginal*

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

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

Protozoal
Trichomonas vaginalis

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

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

VAGWTAO **Vaginitis – Recurrent** Herpes simplex virus 1, Herpes simplex virus 2, Mycoplasma hominis, Ureaplasma parvum, Ureaplasma urealyticum

Chlamydia/Gonorrhea/Trichomonas (CGT) CGTWT

SPECIMEN TYPES: *Urine (voided)* **SPECIMEN TYPES:** *Vaginal, Rectal*

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

Bacterial
Chlamydia trachomatis
Neisseria gonorrhoeae

Protozoal
Trichomonas vaginalis

Urethritis/Cervicitis URE

SPECIMEN TYPES: *Urine, Internal Urethra* **SPECIMEN TYPES:** *Cervical/Vaginal/Cervicovaginal/Endometrial*

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

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

Genital Lesion GENL

SPECIMEN TYPES: *Genital Ulcer/Lesion, Ulcer/lesion*

COMMON SIGNS & SYMPTOMS: Genital ulcer or lesion.

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

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

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IDENTIFYING INFECTIONS
Syndromic Menu Ordering Reference Guide

Pelvic Inflammatory Disease PID

SPECIMEN TYPES: *Cervical/Vaginal/Cervicovaginal/Endometrial*

COMMON SIGNS & SYMPTOMS: Lower abdominal pain, abnormal vaginal bleeding, urinary frequency, and vaginal discharge.

Bacterial
Actinomyces israelii
Chlamydia trachomatis
Mycoplasma genitalium
Mycoplasma hominis
Neisseria gonorrhoeae
Treponema pallidum (Syphilis)

Aerobic Vaginitis AEROVG

SPECIMEN TYPES: *Vaginal*

COMMON SIGNS & SYMPTOMS: Vaginal discharge, odor, burning, itching, and painful intercourse. Clinical concern of aerobic vaginitis.

Bacterial
Enterococcus faecalis, faecium
Escherichia coli
Staphylococcus aureus
Streptococcus agalactiae (Group B Strep)

Resistance
ACT, MIR, FOX, ACC Groups
CTX-M Groups
dfr (A1, A5), sul (1, 2)
IMP, NDM, VIM Groups
mecA (Methicillin Resistance)
OXA Groups
qnrA, qnrB
SHV, KPC Groups

WHITE

Specialty

Diarrheal Infection DI

SPECIMEN TYPES: *Rectal (fecal), Stool*

COMMON SIGNS & SYMPTOMS: Infectious gastroenteritis with diarrhea, significant fever, and/or bloody stool.

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 F40/41
Astrovirus
Norovirus (Genogroup 1, 2)
Rotavirus A
Sapovirus

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

DICDIF	**DI + C. Diff**	Clostridioides difficile (toxins A, B)
DIPAR	**DI + Parasites**	Cryptosporidium, Cyclospora cayetanensis, Dientamoeba fragilis, Entamoeba histolytica, Giardia lamblia (intestinalis), Microsporidium (Enterocytozoon bieneusi, Encephalitozoon intestinalis)

Wound WUN

SWAB SITES: *Wound Swabs (all locations)*

COMMON SIGNS & SYMPTOMS: Recent wound from trauma with erythema, edema, heat, purulent exudate, and/or pain.

Bacterial
Bacteroides fragilis, Phocaeicola vulgatus
Enterobacter cloacae complex, Klebsiella (Enterobacter) aerogenes
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

Viral
Herpes simplex virus 1
Herpes simplex virus 2
Varicella zoster virus (Human Herpesvirus 3, VZV)

Fungal
Candida albicans, glabrata, parapsilosis, tropicalis

Resistance
ACT, MIR, FOX, ACC Groups
CTX-M Groups
dfr (A1, A5), sul (1, 2)
ermA, B, C; mefA
IMP, NDM, VIM Groups
mecA (Methicillin Resistance)
OXA Groups
qnrA, qnrB
SHV, KPC Groups
tet B, tet M
VanA, VanB

Blistering Lesion BL

SWAB SITES: *Wound Swabs (all locations)*

COMMON SIGNS & SYMPTOMS: Fluid-filled lesions on the skin.

Bacterial
Staphylococcus aureus
Streptococcus pyogenes (Group A Strep)

Viral
Herpes simplex virus 1
Herpes simplex virus 2
Varicella zoster virus (Human Herpesvirus 3, VZV)

Resistance
mecA (Methicillin Resistance)

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IDENTIFYING INFECTIONS
Syndromic Menu Ordering Reference Guide

For Patients with Medicare and Medicare Advantage Plans

Flu,COVID,RSV FCRSV

WHITE

SPECIMEN TYPES: Nasopharyngeal/Nares

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

Viral
COVID-19 Coronavirus (SARS-CoV-2)
Influenza virus A, B
Respiratory syncytial virus

Vaginitis VAGGR

GREEN

SPECIMEN TYPES: *Vaginal*

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

Bacterial
Bacterial Vaginosis
Protozoal
Trichomonas vaginalis

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

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

VAGGRAO **Vaginitis + CG** Chlamydia trachomatis, Neisseria gonorrhoeae

Chlamydia/Gonorrhea/Trichomonas (CGT) CGTGY

YELLOW

SPECIMEN TYPES: *Urine (voided)*

GREEN

SPECIMEN TYPES: *Vaginal*

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

Bacterial
Chlamydia trachomatis
Neisseria gonorrhoeae

Protozoal
Trichomonas vaginalis

Chlamydia/Gonorrhea (CG) CGGY

YELLOW

SPECIMEN TYPES: *Urine (voided)*

GREEN

SPECIMEN TYPES: *Vaginal, Rectal, Oral*

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

Bacterial
Chlamydia trachomatis
Neisseria gonorrhoeae

Urine Culture UCULT

GRAY

SPECIMEN TYPES: *Urine (voided), Urine (catheter)*

COMMON SIGNS & SYMPTOMS: Routine urine culture with reflex to antimicrobial susceptibility testing.

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