Supplemental Material

Fibroblast Growth Factor 23 and the Risk of Infection-Related Hospitalization in Older Adults

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Supplemental Table 1. Associations (hazard ratios; 95% CI) of fibroblast growth factor 23 with first infection-related hospitalization stratified by the presence of diabetes, congestive heart failure (CHF), and coronary heart disease (CHD)

	Quartile 1 <53.34 RU/mL (n=786)	Quartile 2 53.34-70.34 RU/mL (n=785)	Quartile 3 70.35-99.33 RU/mL (n=786)	Quartile 4 >99.33 RU/mL (n=784)	Per Doubling of FGF23
Diabetes (n=570)					
Model 1	Ref	1.57 [1.03, 2.39]	1.63 [1.07, 2.49]	2.42 [1.61, 3.64]	1.35 [1.19, 1.52]
Model 2	Ref	1.44 [0.94, 2.21]	1.44 [0.93, 2.23]	1.88 [1.19, 2.97]	1.21 [1.05, 1.40]
Model 3	Ref	1.41 [0.92, 2.17]	1.38 [0.89, 2.14]	1.79 [1.13, 2.84]	1.19 [1.02, 1.38]
No Diabetes (n=2571)					
Model 1	Ref	1.13 [0.94, 1.35]	1.21 [1.00, 1.45]	1.69 [1.40, 2.05]	1.26 [1.16, 1.36]
Model 2	Ref	1.03 [0.86, 1.24]	1.01 [0.84, 1.22]	1.22 [0.99, 1.50]	1.11 [1.01, 1.21]
Model 3	Ref	1.03 [0.85, 1.23]	0.99 [0.82, 1.19]	1.17 [0.95, 1.44]	1.08 [0.99, 1.18]
CHF (n=280)					
Model 1	Ref	1.02 [0.47, 2.20]	1.20 [0.58, 2.51]	1.42 [0.72, 2.80]	1.28 [1.08, 1.53]
Model 2	Ref	0.89 [0.40, 2.00]	0.90 [0.41, 1.97]	1.05 [0.49, 2.22]	1.20 [0.98, 1.46]
Model 3	Ref	0.99 [0.44, 2.22]	0.93 [0.42, 2.06]	1.04 [0.49, 2.23]	1.14 [0.93, 1.40]
No CHF (n=2861)					
Model 1	Ref	1.19 [1.00, 1.41]	1.25 [1.05, 1.49]	1.78 [1.49, 2.13]	1.27 [1.18, 1.36]
Model 2	Ref	1.10 [0.92, 1.31]	1.08 [0.90, 1.29]	1.36 [1.12, 1.65]	1.14 [1.06, 1.24]
Model 3	Ref	1.09 [0.92, 1.29]	1.05 [0.88, 1.26]	1.31 [1.07, 1.59]	1.12 [1.04, 1.22]

	Quartile 1 <53.34 RU/mL (n=786)	Quartile 2 53.34-70.34 RU/mL (n=785)	Quartile 3 70.35-99.33 RU/mL (n=786)	Quartile 4 >99.33 RU/mL (n=784)	Per Doubling of FGF23
CHD (n=754)					
Model 1	Ref	1.26 [0.88, 1.80]	1.18 [0.83, 1.68]	1.75 [1.25, 2.44]	1.27 [1.13, 1.43]
Model 2	Ref	1.05 [0.73, 1.51]	1.01 [0.71, 1.45]	1.24 [0.85, 1.81]	1.16 [1.01, 1.33]
Model 3	Ref	1.08 [0.75, 1.55]	0.99 [0.69, 1.43]	1.17 [0.80, 1.71]	1.13 [0.98, 1.30]
No CHD (n=2387)					
Model 1	Ref	1.17 [0.97, 1.41]	1.29 [1.06, 1.56]	1.81 [1.48, 2.20]	1.28 [1.18, 1.39]
Model 2	Ref	1.08 [0.89, 1.31]	1.08 [0.89, 1.32]	1.33 [1.07, 1.65]	1.14 [1.04, 1.24]
Model 3	Ref	1.07 [0.89, 1.30]	1.06 [0.87, 1.29]	1.29 [1.04, 1.60]	1.12 [1.02, 1.22]

ICD-9-CM Infection diagnosis codes, restricted

Those highlighted were included in sub-analysis of bacterial infections or infections considered likely to be bacterial in origin

Bacteremia, Candidemia, Viremia and Sepsis

0031 SALMONELLA SEPTICEMIA

0362 MENINGOCOCCEMIA

0380 STREPTOCOCCAL SEPTICEMIA

03810 STAPHYLCOCC SEPTICEMIA NOS

03811 METHICILLIN SUSCEPTIBLE STAPHYLOCOCCUS AUREUS SEPTICEMIA OCT08-

03812 METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS SEPTICEMIA OCT08-

03819 STAPHYLCOCC SEPTICEMIA NEC

0382 PNEUMOCOCCAL SEPTICEMIA

0383 ANAEROBIC SEPTICEMIA

03840 GRAM-NEG SEPTICEMIA NOS

03841 H. INFLUENAE SEPTICEMIA

03842 E COLI SEPTICEMIA

03843 PSEUDOMONAS SEPTICEMIA

03844 SERRATIA SEPTICEMIA

03849 GRAM-NEG SEPTICEMIA NEC

0388 SEPTICEMIA NEC

0389 SEPTICEMIA NOS

04082 TOXIC SHOCK SYNDROME

0545 HERPETIC SEPTICEMIA

1125 DISSEMINATED CANDIADIASIS

78552 SEPTIC SHOCK

7907 BACTEREMIA

7908 VIREMIA

99591 SIRS-INFECT W/O ORG DYSF (SEPSIS)

99592 SIRS-INFECT W ORGAN DYSF (SEVERE SEPSIS)

Cardiovascular

03282 DIPHTHERITIC MYOCARDITIS

03640 MENINGOCOCC CARDITIS NOS

03641 MENINGOCOCC PERICARDITIS

03642 MENINGOCOCC ENDOCARDITIS

03643 MENINGOCOCC MYOCARDITIS

07420 COXSACKIE CARDITIS, UNSPECIFIED

07421 COXSACKIE PERICARDITIS

07422 COXSACKIE ENDOCARDITIS

07423 COXSACKIE MYOCARDITIS

11281 CANDIDAL ENDOCARDITIS

11503 INFECTION BY HISTOPLASMA CAPSULATUM, PERICARDITIS

11504 INFECTION BY HISTOPLASMA CAPSULATUM, ENDOCARDITIS

11593 HISTOPLASMOSIS UNSPECIFIED, PERICARDITIS

11594 HISTOPLASMOSIS UNSPECIFIED, ENDOCARDITIS

1303 MYOCARDITIS DUE TO TOXOPLASMOSIS

3910 ACUTE RHEUMATIC PERICARDITIS

3911 ACUTE RHEUMATIC ENDOCARDITIS

3912 ACUTE RHEUMATIC MYOCARDITIS

3918 OTHER RHEUMATIC HEART DISEASE

3919 ACUTE RHEUMATIC HEART DISEASE, UNSPEC

3920 RHEUMATIC CHOREA WITH HEART INVOLVEMENT

4210 AC/SUBAC BACT ENDOCARD

4211 AC/SUBAC INFECT ENDOCARD

4219 AC/SUBAC ENDOCARDIT NOS

4220 ACUTE MYOCARDITIS IN DIS SPECIFIED ELSEWHERE

42292 SEPTIC MYOCARDITIS

CNS

00321 SALMONELLA MENINGITIS

0360 MENINGOCOCCAL MENINGITIS

0361 MENINGOCOCC ENCEPHALITIS

0470 MENINGITIS DUE TO ENTEROVIRUS: COXSACKIE

0471 MENIGITIS DUE TO ENTEROVIRUS: ECHO VIRUS

0478 MENINGITIS DUE TO ENTEROVIRUS: OTHER SPECIFIED VIRAL MENIGITIS

0479 MENINGITIS DUE TO ENTEROVIRUS: UNSPECIFIED VIRAL MENINGITIS

048 OTHER ENTEROVIRUS DISEASE OF CENTRAL NERVOUS SYSTEM

0490 LYMPHOCYTIC CHORIOMENINGITIS

0491 MENINGITIS DUE TO ADENOVIRUS

0498 OTHER SPECIFIED NON-ARTHROPOD-BORNE VIRAL DISEASES OF CNS

0499 UNSPECIFIED NON-ARTHROPOD-BORNE VIRAL DISEASES OF CNS

0530 HERPES ZOSTER WITH MENINGITIS

05310 HERPES ZOSTER WITH UNSPEC NERVOUS SYSTEM COMPLICATION

05314 HERPES ZOSTER MYELITIS OCT06

0543 HERPETIC MENINGOENCHEPHALITIS

05472 HERPES SIMPLEX MENINGITIS

05474 HERPES SIMPLEX MYELITIS OCT06

0550 POSTMEASLES ENCEPHALITIS

05600 RUBELLA WITH UNSPECIFIED NEUROLOGIC COMPLICATION

05601 ENCEPHALOMYELITIS DUE TO RUBELLA

05609 RUBELLA WITH NEUROLOGIC COMPLICATIONS, OTHER

05821 HUMAN HERPESVIRUS 6 ENCEPHALITIS

05829 OTHER HUMAN HERPESVIRUS ENCEPHALITIS

0621 WESTERN EQUINE ENCEPHALITIS

0622 EASTERN EQUINE ENCEPHALITIS

0623 ST LOUIS ENCEPHALITIS

0625 CALIFORNIA VIRUS ENCEPHALITIS

0628 OTHER SPECIFIED MOSQUITO BORNE VIRAL ENCEPHALITIS

0629 MOSQUITO BORNE VIRAL ENCEPHALITIS, UNSPECIFIED

0638 OTHER-SPECIFIEC TICK-BORNE VIRAL ENCEPHALITIS

0639 TICK-BORNE VIRAL ENCEPHALITIS, UNSPECIFIED

064 VIRAL ENCEPHALITIS TRANSMITTED BY OTHER AND UNSPECIFIED ARTHROPODS

06641 WEST NILE FEVER WITH ENCEPHALITIS

06642 WEST NILE FEVER WITH OTHER NEUROLOGIC MANIFESTATION

0721 MUMPS MENINGITIS

0722 MUMPS ENCEPHALITIS

1142 COCCIDIOIDAL MENINGITIS

11501 INFECTION BY HISTOPLASMA CAPSULATUM, MENINGITIS

11283 CANDIDAL MENINGITIS

11591 HISTOPLASMOSIS UNSPECIFIED, MENINGITIS

1300 MENINGOENCEPHALITIS DUE TO TOXOPLASMOSIS

3200 HEMOPHILUS MENINGITIS

3201 PNEUMOCOCCAL MENINGITIS

3202 STREPTOCOCCAL MENINGITIS

3203 STAPHYLOCOCC MENINGITIS

3207 MENINGITIS IN OTH BACT DIS

32081 ANAEROBIC MENINGITIS

32082 MENINGITIS GRAM-NEG BCT NEC

32089 MENINGITIS OTH SPCF BACT

3209 BACTERIAL MENINGITIS NOS

3210 CRYPTOCOCCAL MENINGITIS

3211 MENNGITIS IN OTHER FUNGAL DISEASES

3212 MENINGITIS DUE TO VIRUSES NEC

3230 ENCEPHALITIS IN VIRAL DIS CLASS ELSEWHERE OCT06

32301 ENCEPHALITIS AND ENCEPHALOMYELITIS IN VIRAL DIS CLASSIFIED ELSEWHERE OCT06

32302 MYELITIS IN VIRAL DIS CLASSIFIED ELSEWHERE OCT06

3231 ENCEPHALITIS, MYELITIS, AND ENCEPHALOMYELITIS IN RICKETTSIAL DIS CLASSIFIED ELSEWHERE

3234 OTHER ENCEPHALITIS DUE TO INFECT CLASS ELSEWHERE OCT06

32341 OTHER ENCEPHALITIS AND ENCEPHALOMYELITIS DUE TO OTHER INFECT CLASSIFIED ELSE OCT06

32342 OTHER MYELITIS DUE TO OTHER INFECT CLASSIFIED ELSE OCT06

3240 INTRACRANIAL ABSCESS

3241 INTRASPINAL ABSCESS

3249 CNS ABSCESS NOS

Gastronintestinal, Hepatobiliary, Peritonitis & Peritoneal Abscess

03283 DIPHTHERITIC PERITONITIS

5670 PERITONITIS IN INFEC DIS

5671 PNEUMOCOCCAL PERITONITIS

5672 SUPPURAT PERITONITIS NEC

56721 PERITONITIS (ACUTE) GEN OCT05-

56722 PERITONEAL ABSCESS OCT05-

56723 SPONTAN BACT PERITONITIS OCT05-

56729 SUPPURAT PERITONITIS NEC OCT05-

56789 PERITONITIS NEC OCT05-

5679 PERITONITIS NOS

0030 SALMONELLA ENTERITIS

0038 SALMONELLA INFECTION NEC

0039 SALMONELLA INFECTION NOS

0040 SHIGELLA DYSENTERIAE

0041 SHIGELLA FLEXNERI

0043 SHIGELLA SONNEI

0048 SHIGELLA INFECTION NEC

0049 SHIGELLOSIS NOS

0050 STAPH FOOD POISONING

0051 BOTULISM

0052 FOOD POIS D/T C. PERFRIN

0053 FOOD POIS: CLOSTRID NEC

0054 FOOD POIS: V. PARAHAEM

00581 FOOD POISN D/T V. VULNIF

00589 BACT FOOD POISONING NEC

0059 FOOD POISONING NOS

0071 GIARDIASIS

0074 CRYPTOSPORIDIOSIS (Effective Oct 97)

0075 CYCLOSPORIASIS (Effective Oct 2000)

00800 INTEST INFEC E COLI NOS

00801 INT INF E COLI ENTRPATH

00802 INT INF E COLI ENTEROTOXIGENIC

00803 INT INF E COLI ENTEROINVASIVE

00804 INT INF E COLI ENTEROHEMORRHAGIC

00809 INT INF E COLI NEC

0081 ARIZONA ENTERITIS

0082 AEROBACTER ENTERITIS

0083 PROTEUS ENTERITIS

00841 STAPHYLOCOCC ENTERITIS

00842 PSEUDOMONAS ENTERITIS

00843 INT INFEC CAMPYLOBACTER

00844 INT INF YRSNIA ENTRCLTCA

00845 INT INF CLSTRDIUM DFCILE

00846 INTES INFEC OTH ANEROBES

00847 INT INF OTH GRM NEG BCTR

00849 BACTERIAL ENTERITIS NEC

0085 BACTERIAL ENTERITIS NOS

00861 ENTERITIS DUE TO ROTAVIRUS

00862 ENTERITIS DUE TO ADENOVIRUS

00863 ENTERITIS DUE TO NORWALK VIRUS

00864 ENTERITIS DUE TO OTHER SMALL ROUNDS VIRUSES

00865 ENTERITIS DUE TO CALICIVIRUS

00866 ENTERITIS DUE TO ASTROVIRUS

00867 ENTERITIS DUE TO ENTEROVIRUS NEC

00869 ENTERITIS DUE TO OTHER VIRAL ENTERITIS

0088 ENTERITIS DUE TO OTHER ORGANISMS, NOT ELSEWHERE CLASSIFIED

0090 INFECTIOUS COLITIS, ENTERITIS, AND GASTROENTERITIS

0091 COLITIS, ENTERITIS, AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN

0092 INFECTIOUS DIARRHEA

0093 DIARRHEA OF PRESUMED INFECTIOUS ORIGIN

0392 ACTINOMYCOTIC INFECTIONS - ABDOMEN

0700 VIRAL HEPATITIS A WITH HEPATIC COMA

0701 VIRAL HEPATITIS A WITHOUT MENTION OF HEPATIC COMA

07043 HEPATITIS E WITH HEPATIC COMA

07053 HEPATITIS E W/O HEPATIC COMA

0723 MUMPS PANCREATITIS

07271 MUMPS HEPATITIS

11285 CANDIDAL ENTERITIS

1305 HEPATITIS DUE TO TOXOPLASMOSIS

5400 AC APPEND W PERITONITIS

5401 ABSCESS OF APPENDIX

5409 ACUTE APPENDICITIS NOS

541 APPENDICITIS NOS

542 OTHER APPENDICITIS

56201 DVRTCLI SML INT W/O HMRG

56203 DVRTCLI SML INT W HMRHG

56211 DVRTCLI COLON W/O HMRHG

56213 DVRTCLI COLON W HMRHG

566 ANAL & RECTAL ABSCESS

56781 CHOLEPERITONITIS OCT05-

5695 INTESTINAL ABSCESS

5720 ABSCESS OF LIVER

5721 PORTAL PYEMIA

5750 ACUTE CHOLECYSTITIS (W/O MENTION OF CALCULUS)

57510 CHOLECYSTITIS, UNSPECIFIED

Genitourinary

03284 DIPHTHERITIC CYSTITIS

0720 MUMPS ORCHITIS

59010 AC PYELONEPHRITIS NOS

59011 AC PYELONEPHR W MED NECR

5902 RENAL/PERIRENAL ABSCESS

5903 PYELOURETERITIS CYSTICA

59080 PYELONEPHRITIS NOS

59081 PYELONEPHRIT IN OTH DIS

5909 INFECTION OF KIDNEY NOS

5950 ACUTE CYSTITIS

5954 CYSTITIS IN OTH DIS

59589 CYSTITIS NEC

5959 CYSTITIS NOS

5970 URETHRAL ABSCESS

59800 URETHRAL STRICTURE DUE TO UNSPEC INFECTION

59801 URETHRAL INFECTION DUE TO INFECTION CLASSIFIED ELSEWHERE

5990 URIN TRACT INFECTION NOS

6010 ACUTE PROSTATITIS

6012 ABSCESS OF PROSTATE

6013 PROSTATOCYSTITIS

6014 PROSTATITIS IN OTH DIS

6019 PROSTATITIS NOS

6031 INFECTED HYDROCELE

6040 ORCHITIS WITH ABSCESS

60490 ORCHITIS/EPIDIDYMIT NOS

60491 ORCHITIS IN OTH DISEASE

6071 BALANOPOSTHITIS

6072 INFLAM DIS, PENIS NEC

6080 SEMINAL VESICULITIS

6084 MALE GEN INFLAM DIS NEC

6140 AC SALPINGO-OOPHORITIS OCT05-

6142 SALPINGO-OOPHORITIS NOS OCT05-

6143 ACUTE PARAMETRITIS OCT05-

6145 AC PELV PERITONITIS-FEM OCT05-

6150 AC UTERINE INFLAMMATION OCT05-

6159 UTERINE INFLAM DIS NOS OCT05-

6163 BARTHOLIN'S GLND ABSCESS

6164 ABSCESS OF VULVA NEC

Pulmonary

00322 SALMONELLA PNEUMONIA

01100 TUBERCULOSIS OF LUNG, INFILTRATIVE, UNSPECIFIED

01101 TUBERCULOSIS OF LUNG, INFILTRATIVE, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01102 TUBERCULOSIS OF LUNG, INFILTRATIVE, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01103 TUBERCULOSIS OF LUNG, INFILTRATIVE, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01104 TUBERCULOSIS OF LUNG, INFILTRATIVE, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01105 TUBERCULOSIS OF LUNG, INFILTRATIVE, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01106 TUBERCULOSIS OF LUNG, INFILTRATIVE, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01110 TUBERCULOSIS OF LUNG, NODULAR, UNSPECIFIED

01111 TUBERCULOSIS OF LUNG, NODULAR, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01112 TUBERCULOSIS OF LUNG, NODULAR, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01113 TUBERCULOSIS OF LUNG, NODULAR, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01114 TUBERCULOSIS OF LUNG, NODULAR, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01115 TUBERCULOSIS OF LUNG, NODULAR, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01116 TUBERCULOSIS OF LUNG, NODULAR, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01120 TUBERCULOSIS OF LUNG, WITH CAVITATION, UNSPECIFIED

01121 TUBERCULOSIS OF LUNG, WITH CAVITATION, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01122 TUBERCULOSIS OF LUNG, WITH CAVITATION, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01123 TUBERCULOSIS OF LUNG, WITH CAVITATION, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01124 TUBERCULOSIS OF LUNG, WITH CAVITATION, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01125 TUBERCULOSIS OF LUNG, WITH CAVITATION, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01126 TUBERCULOSIS OF LUNG, WITH CAVITATION, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01130 TUBERCULOSIS OF BRONCHUS, UNSPECIFIED

01131 TUBERCULOSIS OF BRONCHUS, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01132 TUBERCULOSIS OF BRONCHUS , BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01133 TUBERCULOSIS OF BRONCHUS, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01134 TUBERCULOSIS OF BRONCHUS, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01135 TUBERCULOSIS OF BRONCHUS, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01136 TUBERCULOSIS OF BRONCHUS, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01150 TUBERCULOUS BRONCHIECTASIS, UNSPECIFIED

01151 TUBERCULOUS BRONCHIECTASIS, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01152 TUBERCULOUS BRONCHIECTASIS, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01153 TUBERCULOUS BRONCHIECTASIS, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01154 TUBERCULOUS BRONCHIECTASIS, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01155 TUBERCULOUS BRONCHIECTASIS, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01156 TUBERCULOUS BRONCHIECTASIS, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01160 TUBERCULOUS PNEUMONIA [ANY FORM], UNSPECIFIED

01161 TUBERCULOUS PNEUMONIA [ANY FORM], BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01162 TUBERCULOUS PNEUMONIA [ANY FORM], BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01163 TUBERCULOUS PNEUMONIA [ANY FORM], TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01164 TUBERCULOUS PNEUMONIA [ANY FORM], TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01165 TUBERCULOUS PNEUMONIA [ANY FORM], TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01166 TUBERCULOUS PNEUMONIA [ANY FORM], TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS]

01170 TUBERCULOUS PNEUMOTHORAX, UNSPECIFIED

01171 TUBERCULOUS PNEUMOTHORAX, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01172 TUBERCULOUS PNEUMOTHORAX, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01173 TUBERCULOUS PNEUMOTHORAX, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01174 TUBERCULOUS PNEUMOTHORAX, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01175 TUBERCULOUS PNEUMOTHORAX, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01176 TUBERCULOUS PNEUMOTHORAX, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01180 OTHER SPECIFIED PULMONARY TUBERCULOSIS, UNSPECIFIED

01181 OTHER SPECIFIED PULMONARY TUBERCULOSIS, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01182 OTHER SPECIFIED PULMONARY TUBERCULOSIS, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01183 OTHER SPECIFIED PULMONARY TUBERCULOSIS, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01184 OTHER SPECIFIED PULMONARY TUBERCULOSIS, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01185 OTHER SPECIFIED PULMONARY TUBERCULOSIS, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01186 OTHER SPECIFIED PULMONARY TUBERCULOSIS, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

01190 PULMONARY TUBERCULOSIS, UNSPECIFIED, UNSPECIFIED

01191 PULMONARY TUBERCULOSIS, UNSPECIFIED, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION NOT DONE

01192 PULMONARY TUBERCULOSIS, UNSPECIFIED, BACTERIOLOGICAL OR HISTOLOGICAL EXAMINATION UNKNOWN (AT PRESENT)

01193 PULMONARY TUBERCULOSIS, UNSPECIFIED, TUBERCLE BACILLI FOUND (IN SPUTUM) BY MICROSCOPY

01194 PULMONARY TUBERCULOSIS, UNSPECIFIED, TUBERCLE BACILLI NOT FOUND (IN SPUTUM) BY MICROSCOPY, BUT FOUND BY BACTERIAL CULTURE

01195 PULMONARY TUBERCULOSIS, UNSPECIFIED, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL EXAMINATION, BUT TUBERCULOSIS CONFIRMED HISTOLOGICALLY

01196 PULMONARY TUBERCULOSIS, UNSPECIFIED, TUBERCLE BACILLI NOT FOUND BY BACTERIOLOGICAL OR HISTORICAL EXAMINATION BUT TUBERCULOSIS CONFIRMED BY OTHER METHODS

0310 DIS DUE TO OTHER MYCOBACTERIA: PULMONARY

0330 BORDETELLA PERTUSSIS

0338 WHOOPING COUGH NEC

0339 WHOOPING COUGH NOS

0391 PULMONARY ACTINOMYCOSIS

0521 VARICELLA (HEMORRHAGIC) PNEUMONITIS

0551 POSTMEASLES PNEUMONIA

0730 ORNITHOSIS WITH PNEUMONIA

0796 RSV

1124 CANDIDIASIS OF LUNG

1140 PRIMARY COCCIDIOIDOMYCOSIS

1145 PULMONARY COCCIDIODOMYCOSIS, UNSPECIFIED

11505 HISTOSPLASMA CAPSULATUM, PNEUMONIA

11595 HISTOPLASMOSIS UNSPECIFIED, PNEUMONIA

1304 PNEUMONITIS DUE TO TOXOPLASMOSIS

1363 PNEUMOCYSTOSIS

4650 ACUTE URI OF MULTIPLE OR UNSPEC SITE, ACUTE LARYNGOPHARYNGITIS

4658 ACUTE URI OF MULTIPLE OR UNSPEC SITE, OTHER MULTIPLE SITES

4659 ACUTE URI OF MULTIPLE OR UNSPEC SITE, UNSPEC SITE

4660 ACUTE BRONCHITIS

46611 ACUTE BRONCHIOLITIS DUE TO RSV

46619 ACUTE BRONCHIOLITIS DUE TO OTHER INFECTIOUS ORGANISMS

4800 PNEUMONIA DUE TO ADENOVIRUS

4801 PNEUMONIA DUE TO RSV

4802 PNEUMONIA DUE TO PARAINFLUENZA VIRUS

4803 PNEUMONIA DUE TO SARS-ASSOCIATED CORONAVIRUS

4808 PNEUMONIA DUE TO OTHER VIRUSES NEC

4809 VIRAL PNEUMONIA UNSPECIFIED

481 PNEUMOCOCCAL PNEUMONIA

4820 K. PNEUMONIAE PNEUMONIA

4821 PSEUDOMONAL PNEUMONIA

4822 H.INFLUENZAE PNEUMONIA

48230 STREPTOCOCCAL PNEUMN NOS

48231 PNEUMONIA STREPTOCOCCUS A

48232 PNEUMONIA STREPTOCOCCUS B

48239 PNEUMONIA OTH STREP

48240 STAPHYLOCOCCAL PNEU NOS

48241 METHICILLIN SUSCEPTIBLE PNEUMONIA DUE TO STAPHYLOCOCCUS AUREUS OCT08-

48242 METHICILLIN RESISTANT PNEUMONIA DUE TO STAPHYLOCOCCUS AUREUS OCT08-

48249 STAPH PNEUMONIA NEC

48281 PNEUMONIA ANAEROBES

48282 PNEUMONIA E COLI

48283 PNEUMO OTH GRM-NEG BACT

48284 LEGIONNAIRES' DISEASE

48289 PNEUMONIA OTH SPCF BACT

4829 BACTERIAL PNEUMONIA NOS

4830 MYCOPLASMA PNEUMONIAE

4831 CHLAMYDIA PNEUMONIA

4838 PNEUMONIA DUE TO OTHER SPECIFIED ORGANISM

4841 PNEUMONIA IN CYTOMEGALIC INCLUSION DISEASE

4843 PNEUMONIA IN WHOOPING COUGH

4846 PNEUMONIA IN ASPERGILLOSIS

4847 PNEUMONIA IN OTHER SYSTEMIC MYCOSES

4848 PNEUMONIA IN OTHER INF DIS

485 BRONCHOPNEUMONIA ORG NOS

486 PNEUMONIA, ORGANISM NOS

4870 INFLUENZA WITH PNEUMONIA

4871 INFLUENZA WITH OTHER RESPIRATORY MANIFESTATIONS

488 INFLUENZA DUE TO IDENT AVIAN INFLUENZA VIRUS OCT07- OCT09

4880 INFLUENZA DUE TO IDENT AVIAN INFLUENZA VIRUS OCT09-OCT10

48801 INFLUENZA DUE TO AVIAN INFLUENZA VIRUS WITH PNEUMONIA OCT10

48802 INFLUENZA DUE TO AVIAN INFLUENZA VIRUS WITH OTHER RESPIRATORY MANIF OCT10

4881 INFLUENZA DUE TO IDENT NOVEL H1N1 INFLUENZA VIRUS OCT09-OCT10

48811 INFLUENZA DUE TO 2009 H1N1 INFLUENZA VIRUS WITH PNEUMONIA OCT10

48812 INFLUENZA DUE TO 2009 H1N1 INFLUENZA VIRUS WITH OTHER RESPIRATORY MANIF OCT10

48881 INFLUENZA DUE TO NOVEL INFLUENZA A VIRUS WITH PNEUMONIA OCT11-

48882 INFLUENZA DUE TO NOVEL INFLUENZA A VIRUS WITH OTHER RESPIRATORY MANIF OCT11-

490 BRONCHITIS

49122 OBS CHR BRONC W AC BRONC

4941 BRONCHIECTASIS W AC EXAC

5100 EMPYEMA WITH FISTULA

5109 EMPYEMA W/O FISTULA

5111 BACT PLEUR/EFFUS NOT TB

5130 ABSCESS OF LUNG

5131 ABSCESS OF MEDIASTINUM

5192 MEDIASTINITIS

Skin & Soft Tissue

0311 DIS DUE TO OTHER MYCOBACTERIA: CUTANEOUS

03285 CUTANEOUS DIPHTHERIA

0390 CUTANEOUS ACTINOMYCOSIS

0400 GAS GANGRENE

37601 ORBITAL CELLULITIS

6800 CARBUNCLE OF FACE

6801 CARBUNCLE OF NECK

6802 CARBUNCLE OF TRUNK

6803 CARBUNCLE OF ARM

6804 CARBUNCLE OF HAND

6805 CARBUNCLE OF BUTTOCK

6806 CARBUNCLE OF LEG

6807 CARBUNCLE OF FOOT

6808 CARBUNCLE, SITE NEC

6809 CARBUNCLE NOS

68100 CELLULITIS, FINGER NOS

68101 FELON

68110 CELLULITIS, TOE NOS

68111 ONYCHIA OF TOE

6819 CELLULITIS OF DIGIT NOS

6820 CELLULITIS OF FACE

6821 CELLULITIS OF NECK

6822 CELLULITIS OF TRUNK

6823 CELLULITIS OF ARM

6824 CELLULITIS OF HAND

6825 CELLULITIS OF BUTTOCK

6826 CELLULITIS OF LEG

6827 CELLULITIS OF FOOT

6828 CELLULITIS, SITE NEC

6829 CELLULITIS, SITE NOS

684 IMPETIGO

6850 PILONIDAL CYST WITH ABSCESS

6868 LOCAL SKIN INFECTION NEC

6869 LOCAL SKIN INFECTION NOS

72886 NECROTIZING FASCIITIS

9101 ABRASION OR FRICTION BURN HEAD-INFECTED

9103 BLISTER HEAD-INFECTED

9109 SUPERF IN HEAD NEC-INF

9111 ABRASION TRUNK-INFECTED

9113 BLISTER TRUNK-INFECTED

9119 SUPERF INJ TRNK NEC-INF

9121 ABRASION SHLDR/ARM-INFEC

9123 BLISTER SHOULDER/ARM-INF

9129 SUPERF INJ SHLDR NEC-INF

9131 ABRASION FOREARM-INFECT

9133 BLISTER FOREARM-INFECTED

9139 SUPRF INJ FORARM NEC-INF

9141 ABRASION HAND-INFECTED

9143 BLISTER HAND-INFECTED

9149 SUPERF INJ HAND NEC-INF

9151 ABRASION FINGER-INFECTED

9153 BLISTER FINGER-INFECTED

9159 SUPRF INJ FINGER NEC-INF

9161 ABRASION HIP/LEG-INFECT

9163 BLISTER HIP & LEG-INFECT

9169 SUPERF INJ LEG NEC-INFEC

9171 ABRASION FOOT/TOE-INFEC

9173 BLISTER FOOT & TOE-INFEC

9179 SUPERF INJ FOOT NEC-INF

9191 ABRASION NEC-INFECTED

9193 BLISTER NEC-INFECTED

9199 SUPERFIC INJ NEC-INFECT

Bone & Joint

00323 SALMONELLA ARTHRITIS

00324 SALMONELLA OSTEOMYELITIS

03682 MENINGOCOCC ARTHROPATHY

37603 ORBITAL OSTEOMYELITIS

05671 ARTHRITIS DUE TO RUBELLA

71100 PYOGEN ARTHRITIS-UNSPEC

71101 PYOGEN ARTHRITIS-SHLDER

71102 PYOGEN ARTHRITIS-UP/ARM

71103 PYOGEN ARTHRITIS-FOREARM

71104 PYOGEN ARTHRITIS-HAND

71105 PYOGEN ARTHRITIS-PELVIS

71106 PYOGEN ARTHRITIS-L/LEG

71107 PYOGEN ARTHRITIS-ANKLE

71108 PYOGEN ARTHRITIS NEC

71109 PYOGEN ARTHRITIS-MULT

71140 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE-UNSPEC

71141 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -SHLDER

71142 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -UP/ARM

71143 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -FOREARM

71144 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE PYOGEN ARTHRITIS-HAND

71145 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -PELVIS

71146 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -L/LEG

71147 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -ANKLE

71148 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE NEC

71149 ARTHROPATHY ASSOC WITH OTH BACTERIAL DISEASE -MULT

71150 ARTHROPATHY ASSOC WITH OTH VIRAL DIS-UNSPEC

71151 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -SHLDER

71152 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -UP/ARM

71153 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -FOREARM

71154 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -HAND

71155 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -PELVIS

71156 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -L/LEG

71157 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -ANKLE

71158 ARTHROPATHY ASSOC WITH OTH VIRAL DIS NEC

71159 ARTHROPATHY ASSOC WITH OTH VIRAL DIS -MULT

71160 ARTHROPATHY ASSOC WITH MYCOSES-UNSPEC

71161 ARTHROPATHY ASSOC WITH MYCOSES -SHLDER

71162 ARTHROPATHY ASSOC WITH MYCOSES -UP/ARM

71163 ARTHROPATHY ASSOC WITH MYCOSES -FOREARM

71164 ARTHROPATHY ASSOC WITH MYCOSES -HAND

71165 ARTHROPATHY ASSOC WITH MYCOSES -PELVIS

71166 ARTHROPATHY ASSOC WITH MYCOSES -L/LEG

71167 ARTHROPATHY ASSOC WITH MYCOSES -ANKLE

71168 ARTHROPATHY ASSOC WITH MYCOSES NEC

71169 ARTHROPATHY ASSOC WITH MYCOSES -MULT

71180 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS-UNSPEC

71181 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -SHLDER

71182 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -UP/ARM

71183 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -FOREARM

71184 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -HAND

71185 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -PELVIS

71186 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -L/LEG

71187 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -ANKLE

71188 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS NEC

71189 ARTHROPATHY ASSOC WITH OTHER INFECTIOUS AND PARASITIC DIS -MULT

71190 INF ARTHRITIS NOS-UNSPEC

71191 INF ARTHRITIS NOS-SHLDER

71192 INF ARTHRITIS NOS-UP/ARM

71193 INF ARTHRIT NOS-FOREARM

71194 INF ARTHRIT NOS-HAND

71195 INF ARTHRIT NOS-PELVIS

71196 INF ARTHRIT NOS-L/LEG

71197 INF ARTHRIT NOS-ANKLE

71198 INF ARTHRIT NOS-OTH SITE

71199 INF ARTHRITIS NOS-MULT

73000 AC OSTEOMYELITIS-UNSPEC

73001 AC OSTEOMYELITIS-SHLDER

73002 AC OSTEOMYELITIS-UP/ARM

73003 AC OSTEOMYELITIS-FOREARM

73004 AC OSTEOMYELITIS-HAND

73005 AC OSTEOMYELITIS-PELVIS

73006 AC OSTEOMYELITIS-L/LEG

73007 AC OSTEOMYELITIS-ANKLE

73008 AC OSTEOMYELITIS NEC

73009 AC OSTEOMYELITIS-MULT

73020 OSTEOMYELITIS NOS-UNSPEC

73021 OSTEOMYELITIS NOS-SHLDER

73022 OSTEOMYELITIS NOS-UP/ARM

73023 OSTEOMYELIT NOS-FOREARM

73024 OSTEOMYELITIS NOS-HAND

73025 OSTEOMYELITIS NOS-PELVIS

73026 OSTEOMYELITIS NOS-L/LEG

73027 OSTEOMYELITIS NOS-ANKLE

73028 OSTEOMYELIT NOS-OTH SITE

73029 OSTEOMYELITIS NOS-MULT

73080 BONE INFECT NEC-UNSPEC

73081 BONE INFECT NEC-SHLDER

73082 BONE INFECT NEC-UP/ARM

73083 BONE INFECT NEC-FOREARM

73084 BONE INFECT NEC-HAND

73085 BONE INFECT NEC-PELVIS

73086 BONE INFECT NEC-L/LEG

73087 BONE INFECT NEC-ANKLE

73088 BONE INFECT NEC-OTH SITE

73089 BONE INFECT NEC-MULT

73090 BONE INFEC NOS-UNSP SITE

73091 BONE INFECT NOS-SHLDER

73092 BONE INFECT NOS-UP/ARM

73093 BONE INFECT NOS-FOREARM

73094 BONE INFECT NOS-HAND

73095 BONE INFECT NOS-PELVIS

73096 BONE INFECT NOS-L/LEG

73097 BONE INFECT NOS-ANKLE

73098 BONE INFECT NOS-OTH SITE

73099 BONE INFECT NOS-MULT

Dialysis Access & Central Venous Catheters

99662 INFECT INFLAMM VASCULAR DEVICE IMPLANT GRAFT

99931 OTHER AND UNSPECIFIED INFECTION DUE TO CENTRAL VENOUS CATHETER OCT07-OCT11

99668 INFECT INFLAMM DUE TO PERITONEAL DIALYSIS CATHETER

Device, Procedure, or Surgery- Related

53086 INFECTION OF ESOPHAGOSTOMY

53641 GASTROSTOMY INFECTION

56961 COLOSTY/ENTEROST INFECTN

99660 INFECT INFLAMM DEVICE IMPLANT GRAFT NOS

99661 INFECT INFLAMM CARDIAC DEVICE IMPLANT GRAFT

99663 INFECT INFLAMM NERV DEVICE IMPLANT GRAFT

99664 INFECT INFLAMM URINARY CATH

99665 INFECT INFLAMM GU DEVICE IMPLANT GRAFT

99666 INFECT INFLAMM JOINT PROSTH

99667 INFECT INFLAMM OTH ORTHOP DEVICE IMPLANT GRAFT NOS

99669 INFECT INFLAMM OTH DEVICE IMPLANT GRAFT

99731 VENTILATOR ASSOCIATED PNEUMONIA OCT08-

99802 POSTOPERATIVE SHOCK, SEPTIC

99851 INFECTED POSTOP SEROMA

99859 OTHER POSTOP INFECTION

9993 COMPLIC MEDICAL CARE NEC, OTHER INFECTION - OCT07

99934 ACUTE INFECTION FOLLOWING TRANSFUSION, INFUSION, OR INJECTION BLOOD/PROD OCT11

99939 INFECTION FOLLOWING OTHER INFUSION, INJECTION, TRANSFUSION, OR VACCINATION