**ICD9 9 Topics**

[(0,

'0.034\*"aortic" + 0.029\*"stenosis" + 0.019\*"dyspnea" + 0.018\*"coronary" + '

'0.018\*"surgery" + 0.017\*"exertion" + 0.017\*"valve" + 0.017\*"mitral" + '

'0.016\*"artery" + 0.016\*"severe" + 0.014\*"referred" + 0.012\*"regurgitation" '

'+ 0.011\*"past" + 0.011\*"breath" + 0.011\*"shortness"'),

(1,

'0.016\*"fever" + 0.012\*"abdominal" + 0.011\*"denies" + 0.010\*"given" + '

'0.008\*"heent" + 0.008\*"neuro" + 0.007\*"diarrhea" + 0.007\*"micu" + '

'0.007\*"cough" + 0.006\*"neck" + 0.006\*"hypotension" + 0.006\*"placed" + '

'0.006\*"chill" + 0.006\*"mental" + 0.005\*"received"'),

(2,

'0.022\*"cancer" + 0.022\*"report" + 0.016\*"episode" + 0.013\*"symptom" + '

'0.013\*"died" + 0.013\*"last" + 0.012\*"mother" + 0.012\*"denies" + '

'0.012\*"father" + 0.010\*"past" + 0.010\*"state" + 0.010\*"month" + '

'0.009\*"nausea" + 0.008\*"prior" + 0.007\*"mild"'),

(3,

'0.024\*"bilaterally" + 0.023\*"extremity" + 0.023\*"normal" + 0.021\*"sound" + '

'0.021\*"clear" + 0.019\*"pulse" + 0.017\*"lung" + 0.017\*"murmur" + '

'0.017\*"abdomen" + 0.016\*"edema" + 0.015\*"bowel" + 0.015\*"neck" + '

'0.015\*"soft" + 0.013\*"general" + 0.013\*"distress"'),

(4,

'0.046\*"artery" + 0.044\*"coronary" + 0.025\*"catheterization" + 0.023\*"post" '

'+ 0.014\*"diabetes" + 0.014\*"anterior" + 0.013\*"infarction" + '

'0.013\*"myocardial" + 0.012\*"transferred" + 0.011\*"showed" + 0.011\*"graft" + '

'0.011\*"bypass" + 0.011\*"pressure" + 0.010\*"hypercholesterolemia" + '

'0.009\*"stent"'),

(5,

'0.020\*"blood" + 0.016\*"chronic" + 0.011\*"failure" + 0.011\*"renal" + '

'0.010\*"noted" + 0.009\*"given" + 0.009\*"started" + 0.008\*"pressure" + '

'0.008\*"post" + 0.007\*"multiple" + 0.007\*"baseline" + 0.007\*"treated" + '

'0.007\*"pneumonia" + 0.007\*"ulcer" + 0.007\*"past"'),

(6,

'0.026\*"intubated" + 0.022\*"given" + 0.019\*"found" + 0.017\*"started" + '

'0.016\*"transferred" + 0.014\*"placed" + 0.012\*"cath" + 0.012\*"showed" + '

'0.011\*"received" + 0.011\*"sedated" + 0.009\*"arrival" + 0.009\*"respiratory" '

'+ 0.008\*"pupil" + 0.008\*"noted" + 0.008\*"heparin"'),

(7,

'0.022\*"denies" + 0.016\*"review" + 0.014\*"system" + 0.012\*"dyspnea" + '

'0.010\*"cath" + 0.010\*"pink" + 0.010\*"stool" + 0.010\*"ncat" + '

'0.009\*"conjunctiva" + 0.009\*"oral" + 0.009\*"anicteric" + 0.009\*"sclera" + '

'0.009\*"mucosa" + 0.009\*"pallor" + 0.009\*"cyanosis"'),

(8,

'0.023\*"cath" + 0.021\*"having" + 0.021\*"edema" + 0.020\*"soft" + '

'0.020\*"neuro" + 0.020\*"recorded" + 0.018\*"male" + 0.017\*"neck" + '

'0.017\*"heart" + 0.016\*"heent" + 0.015\*"warm" + 0.014\*"carotid" + '

'0.013\*"ctab" + 0.012\*"lung" + 0.012\*"supple"')]

**Mortality 9 Topics**

[(0,

'0.027\*"right" + 0.024\*"left" + 0.013\*"mass" + 0.010\*"last" + 0.009\*"lower" '

'+ 0.008\*"surgery" + 0.008\*"lung" + 0.008\*"extremity" + 0.008\*"underwent" + '

'0.007\*"edema" + 0.007\*"known" + 0.007\*"site" + 0.007\*"wound" + '

'0.006\*"cancer" + 0.006\*"scan"'),

(1,

'0.032\*"left" + 0.031\*"artery" + 0.026\*"disease" + 0.025\*"coronary" + '

'0.023\*"cardiac" + 0.019\*"aortic" + 0.019\*"catheterization" + '

'0.018\*"stenosis" + 0.016\*"chest" + 0.015\*"right" + 0.014\*"showed" + '

'0.013\*"revealed" + 0.012\*"referred" + 0.012\*"male" + 0.012\*"severe"'),

(2,

'0.035\*"blood" + 0.019\*"unit" + 0.016\*"emergency" + 0.015\*"abdominal" + '

'0.013\*"pressure" + 0.013\*"transferred" + 0.011\*"prior" + 0.010\*"nausea" + '

'0.009\*"vomiting" + 0.009\*"medical" + 0.009\*"department" + 0.009\*"episode" + '

'0.008\*"room" + 0.008\*"bleeding" + 0.008\*"stool"'),

(3,

'0.019\*"denies" + 0.015\*"clear" + 0.015\*"neck" + 0.014\*"edema" + '

'0.012\*"lung" + 0.011\*"bilaterally" + 0.011\*"supple" + 0.010\*"normal" + '

'0.010\*"abdomen" + 0.010\*"bowel" + 0.010\*"murmur" + 0.010\*"sound" + '

'0.010\*"general" + 0.009\*"report" + 0.009\*"pulse"'),

(4,

'0.038\*"chest" + 0.013\*"cardiac" + 0.013\*"denies" + 0.010\*"dyspnea" + '

'0.010\*"prior" + 0.010\*"review" + 0.010\*"system" + 0.009\*"cath" + '

'0.008\*"heparin" + 0.008\*"syncope" + 0.007\*"orthopnea" + 0.007\*"palpitation" '

'+ 0.007\*"pressure" + 0.007\*"carotid" + 0.006\*"exertion"'),

(5,

'0.020\*"left" + 0.020\*"right" + 0.018\*"noted" + 0.015\*"headache" + '

'0.014\*"weakness" + 0.014\*"seizure" + 0.010\*"head" + 0.010\*"last" + '

'0.010\*"known" + 0.009\*"difficulty" + 0.009\*"report" + 0.008\*"state" + '

'0.008\*"sided" + 0.007\*"called" + 0.007\*"wife"'),

(6,

'0.028\*"given" + 0.024\*"intubated" + 0.018\*"found" + 0.013\*"arrival" + '

'0.012\*"received" + 0.011\*"started" + 0.010\*"placed" + 0.009\*"mental" + '

'0.009\*"transferred" + 0.009\*"transfer" + 0.009\*"sedated" + 0.009\*"unable" + '

'0.007\*"place" + 0.007\*"noted" + 0.007\*"initial"'),

(7,

'0.024\*"intact" + 0.023\*"fall" + 0.019\*"left" + 0.016\*"bilaterally" + '

'0.016\*"fracture" + 0.016\*"head" + 0.014\*"normal" + 0.013\*"pupil" + '

'0.013\*"neck" + 0.013\*"motor" + 0.012\*"right" + 0.009\*"neuro" + '

'0.009\*"alert" + 0.009\*"extremity" + 0.009\*"awake"'),

(8,

'0.016\*"breath" + 0.016\*"respiratory" + 0.014\*"fever" + 0.012\*"treated" + '

'0.011\*"course" + 0.011\*"increased" + 0.011\*"cough" + 0.011\*"shortness" + '

'0.010\*"failure" + 0.009\*"started" + 0.009\*"chest" + 0.008\*"showed" + '

'0.008\*"rehab" + 0.008\*"pneumonia" + 0.007\*"culture"')]

**Mortality 20 Topics**

[(0,

'0.030\*"chest" + 0.029\*"cardiac" + 0.019\*"denies" + 0.018\*"review" + '

'0.016\*"system" + 0.014\*"cath" + 0.013\*"dyspnea" + 0.012\*"pink" + '

'0.010\*"sclera" + 0.010\*"conjunctiva" + 0.010\*"femoral" + 0.010\*"stool" + '

'0.010\*"ncat" + 0.010\*"anicteric" + 0.010\*"mucosa"'),

(1,

'0.049\*"liver" + 0.027\*"cirrhosis" + 0.021\*"effusion" + 0.018\*"cycle" + '

'0.018\*"pleural" + 0.016\*"diagnosed" + 0.015\*"ascites" + 0.014\*"varix" + '

'0.014\*"transplant" + 0.014\*"biopsy" + 0.014\*"hepatitis" + 0.013\*"hepatic" + '

'0.012\*"cell" + 0.012\*"chemotherapy" + 0.012\*"chemo"'),

(2,

'0.069\*"atrial" + 0.060\*"fibrillation" + 0.046\*"coumadin" + 0.031\*"heart" + '

'0.031\*"afib" + 0.020\*"rate" + 0.019\*"sinus" + 0.017\*"cardiomyopathy" + '

'0.016\*"arrest" + 0.016\*"pacemaker" + 0.015\*"tachycardia" + '

'0.015\*"ventricular" + 0.014\*"main" + 0.014\*"pericardial" + 0.012\*"rhythm"'),

(3,

'0.062\*"aortic" + 0.044\*"stenosis" + 0.036\*"valve" + 0.030\*"mitral" + '

'0.021\*"aneurysm" + 0.021\*"severe" + 0.019\*"regurgitation" + 0.018\*"left" + '

'0.018\*"heart" + 0.018\*"surgery" + 0.017\*"replacement" + 0.016\*"referred" + '

'0.015\*"right" + 0.015\*"dyspnea" + 0.014\*"cardiac"'),

(4,

'0.038\*"headache" + 0.033\*"intact" + 0.023\*"normal" + 0.022\*"bilaterally" + '

'0.016\*"speech" + 0.016\*"alert" + 0.016\*"neck" + 0.014\*"oriented" + '

'0.014\*"awake" + 0.011\*"vision" + 0.011\*"extrem" + 0.011\*"dysarthria" + '

'0.011\*"pupil" + 0.011\*"left" + 0.011\*"perfused"'),

(5,

'0.016\*"course" + 0.015\*"tube" + 0.014\*"placed" + 0.014\*"treated" + '

'0.012\*"hypotension" + 0.011\*"fever" + 0.011\*"vancomycin" + 0.011\*"place" + '

'0.011\*"placement" + 0.011\*"rehab" + 0.010\*"started" + 0.010\*"line" + '

'0.009\*"transferred" + 0.009\*"culture" + 0.008\*"infection"'),

(6,

'0.050\*"artery" + 0.045\*"disease" + 0.043\*"coronary" + 0.032\*"left" + '

'0.028\*"chest" + 0.022\*"cardiac" + 0.022\*"post" + 0.018\*"catheterization" + '

'0.016\*"hypertension" + 0.015\*"right" + 0.013\*"stent" + 0.012\*"showed" + '

'0.011\*"infarction" + 0.010\*"vessel" + 0.010\*"myocardial"'),

(7,

'0.031\*"edema" + 0.030\*"neck" + 0.028\*"neuro" + 0.025\*"extremity" + '

'0.022\*"skin" + 0.021\*"intact" + 0.019\*"pulse" + 0.018\*"lung" + 0.016\*"eomi" '

'+ 0.014\*"perrl" + 0.014\*"bilaterally" + 0.013\*"supple" + 0.013\*"clear" + '

'0.011\*"recorded" + 0.011\*"having"'),

(8,

'0.156\*"last" + 0.068\*"first" + 0.054\*"stitle" + 0.048\*"doctor" + '

'0.029\*"followed" + 0.010\*"hand" + 0.009\*"lumbar" + 0.009\*"spinal" + '

'0.008\*"wdwn" + 0.007\*"finger" + 0.007\*"swelling" + 0.007\*"fusion" + '

'0.007\*"tongue" + 0.007\*"dilaudid" + 0.007\*"shaking"'),

(9,

'0.028\*"left" + 0.027\*"right" + 0.026\*"seizure" + 0.023\*"noted" + '

'0.020\*"stroke" + 0.019\*"mental" + 0.015\*"given" + 0.015\*"weakness" + '

'0.014\*"unable" + 0.014\*"daughter" + 0.013\*"sided" + 0.011\*"dementia" + '

'0.011\*"called" + 0.010\*"head" + 0.010\*"question"'),

(10,

'0.051\*"denies" + 0.033\*"abdominal" + 0.028\*"nausea" + 0.028\*"fever" + '

'0.024\*"vomiting" + 0.019\*"chill" + 0.018\*"recent" + 0.018\*"diarrhea" + '

'0.015\*"chest" + 0.015\*"denied" + 0.014\*"cough" + 0.013\*"breath" + '

'0.012\*"stool" + 0.011\*"shortness" + 0.010\*"bleeding"'),

(11,

'0.036\*"cancer" + 0.035\*"died" + 0.034\*"father" + 0.033\*"mother" + '

'0.024\*"surgery" + 0.019\*"hernia" + 0.019\*"brother" + 0.019\*"female" + '

'0.017\*"sister" + 0.017\*"breast" + 0.014\*"gerd" + 0.014\*"disease" + '

'0.014\*"repair" + 0.013\*"hypertension" + 0.013\*"penicillin"'),

(12,

'0.045\*"right" + 0.034\*"left" + 0.023\*"mass" + 0.018\*"scan" + 0.018\*"showed" '

'+ 0.017\*"cancer" + 0.015\*"resection" + 0.014\*"underwent" + 0.013\*"lobe" + '

'0.012\*"lung" + 0.012\*"lesion" + 0.012\*"small" + 0.012\*"upper" + '

'0.011\*"revealed" + 0.011\*"cell"'),

(13,

'0.056\*"abuse" + 0.047\*"etoh" + 0.034\*"alcohol" + 0.025\*"depression" + '

'0.024\*"disorder" + 0.018\*"bipolar" + 0.015\*"seizure" + 0.015\*"drinking" + '

'0.013\*"attempt" + 0.012\*"hepatitis" + 0.011\*"withdrawal" + 0.011\*"anxiety" '

'+ 0.011\*"drink" + 0.010\*"suicide" + 0.010\*"pancreatitis"'),

(14,

'0.027\*"respiratory" + 0.023\*"breath" + 0.021\*"given" + 0.018\*"copd" + '

'0.015\*"pneumonia" + 0.015\*"cough" + 0.012\*"shortness" + 0.012\*"pulmonary" + '

'0.012\*"distress" + 0.012\*"intubated" + 0.011\*"started" + 0.011\*"lung" + '

'0.010\*"lasix" + 0.010\*"edema" + 0.010\*"failure"'),

(15,

'0.048\*"chronic" + 0.037\*"renal" + 0.033\*"disease" + 0.025\*"left" + '

'0.024\*"right" + 0.024\*"diabetes" + 0.021\*"post" + 0.018\*"failure" + '

'0.016\*"type" + 0.015\*"foot" + 0.014\*"hypertension" + 0.013\*"ulcer" + '

'0.013\*"lower" + 0.012\*"peripheral" + 0.011\*"multiple"'),

(16,

'0.031\*"intubated" + 0.029\*"fall" + 0.026\*"head" + 0.025\*"fracture" + '

'0.025\*"left" + 0.019\*"right" + 0.018\*"found" + 0.017\*"drug" + 0.016\*"pupil" '

'+ 0.016\*"transferred" + 0.012\*"unresponsive" + 0.012\*"sedated" + '

'0.011\*"trauma" + 0.011\*"fell" + 0.010\*"motor"'),

(17,

'0.023\*"past" + 0.023\*"report" + 0.021\*"month" + 0.017\*"prior" + '

'0.015\*"symptom" + 0.015\*"state" + 0.015\*"having" + 0.014\*"drug" + '

'0.012\*"episode" + 0.012\*"noted" + 0.011\*"felt" + 0.010\*"note" + '

'0.010\*"chest" + 0.008\*"significant" + 0.008\*"today"'),

(18,

'0.059\*"blood" + 0.037\*"unit" + 0.036\*"pressure" + 0.029\*"emergency" + '

'0.025\*"transferred" + 0.024\*"room" + 0.021\*"given" + 0.017\*"started" + '

'0.017\*"department" + 0.016\*"received" + 0.016\*"found" + 0.013\*"post" + '

'0.012\*"drip" + 0.012\*"noted" + 0.012\*"insulin"'),

(19,

'0.037\*"clear" + 0.031\*"abdomen" + 0.031\*"sound" + 0.029\*"normal" + '

'0.028\*"bowel" + 0.027\*"regular" + 0.025\*"distended" + 0.024\*"general" + '

'0.024\*"tender" + 0.023\*"lung" + 0.022\*"rate" + 0.022\*"bilaterally" + '

'0.022\*"murmur" + 0.020\*"distress" + 0.019\*"rhythm"')]

**Mortality 39 Topics**

[(0,

'0.104\*"artery" + 0.087\*"coronary" + 0.077\*"disease" + '

'0.038\*"catheterization" + 0.033\*"post" + 0.033\*"stent" + 0.029\*"cardiac" + '

'0.024\*"bypass" + 0.023\*"infarction" + 0.022\*"vessel" + 0.021\*"myocardial" + '

'0.020\*"left" + 0.018\*"graft" + 0.017\*"anterior" + 0.016\*"stenosis"'),

(1,

'0.105\*"blood" + 0.096\*"emergency" + 0.077\*"post" + 0.059\*"pressure" + '

'0.056\*"department" + 0.050\*"unit" + 0.029\*"intensive" + 0.027\*"outside" + '

'0.025\*"liter" + 0.024\*"hematocrit" + 0.023\*"rate" + 0.020\*"intravenous" + '

'0.013\*"oxygen" + 0.013\*"saline" + 0.012\*"responded"'),

(2,

'0.262\*"intubated" + 0.067\*"unresponsive" + 0.058\*"airway" + 0.044\*"found" + '

'0.033\*"agitated" + 0.030\*"protection" + 0.026\*"unknown" + 0.022\*"staff" + '

'0.020\*"reportedly" + 0.016\*"ativan" + 0.015\*"versed" + 0.014\*"implant" + '

'0.013\*"narcotic" + 0.013\*"narcan" + 0.013\*"lidocaine"'),

(3,

'0.044\*"neuro" + 0.044\*"neck" + 0.036\*"skin" + 0.034\*"edema" + 0.027\*"eomi" '

'+ 0.027\*"pulse" + 0.027\*"lung" + 0.026\*"intact" + 0.024\*"perrl" + '

'0.021\*"supple" + 0.018\*"ctab" + 0.017\*"murmur" + 0.016\*"clear" + '

'0.015\*"warm" + 0.015\*"pulm"'),

(4,

'0.076\*"fall" + 0.072\*"fracture" + 0.063\*"head" + 0.028\*"trauma" + '

'0.028\*"fell" + 0.025\*"injury" + 0.021\*"spine" + 0.018\*"motor" + '

'0.016\*"consciousness" + 0.016\*"hematoma" + 0.016\*"loss" + 0.013\*"outside" + '

'0.012\*"frontal" + 0.012\*"laceration" + 0.011\*"midline"'),

(5,

'0.113\*"breath" + 0.080\*"shortness" + 0.046\*"copd" + 0.046\*"dyspnea" + '

'0.034\*"chest" + 0.034\*"cough" + 0.028\*"worsening" + 0.023\*"lasix" + '

'0.021\*"increased" + 0.021\*"bipap" + 0.020\*"pulmonary" + 0.019\*"increasing" '

'+ 0.018\*"oxygen" + 0.017\*"exertion" + 0.015\*"hypoxia"'),

(6,

'0.075\*"chronic" + 0.059\*"disease" + 0.047\*"heart" + 0.046\*"failure" + '

'0.041\*"atrial" + 0.040\*"renal" + 0.036\*"fibrillation" + '

'0.030\*"hypertension" + 0.029\*"post" + 0.027\*"coumadin" + 0.026\*"pulmonary" '

'+ 0.018\*"afib" + 0.018\*"baseline" + 0.016\*"obstructive" + 0.015\*"anemia"'),

(7,

'0.065\*"mental" + 0.046\*"unable" + 0.045\*"command" + 0.042\*"question" + '

'0.037\*"dementia" + 0.031\*"eye" + 0.023\*"nursing" + 0.022\*"moving" + '

'0.020\*"baseline" + 0.018\*"lethargic" + 0.018\*"voice" + 0.017\*"appeared" + '

'0.017\*"somnolent" + 0.017\*"arousable" + 0.016\*"answer"'),

(8,

'0.044\*"alive" + 0.034\*"mucus" + 0.028\*"dilaudid" + 0.027\*"demerol" + '

'0.024\*"vat" + 0.023\*"somewhat" + 0.023\*"receive" + 0.023\*"wire" + '

'0.023\*"collateral" + 0.022\*"young" + 0.021\*"probable" + 0.019\*"reveals" + '

'0.019\*"autoimmune" + 0.018\*"thursday" + 0.018\*"american"'),

(9,

'0.096\*"sleep" + 0.076\*"obesity" + 0.052\*"apnea" + 0.033\*"lethargy" + '

'0.031\*"awoke" + 0.028\*"segment" + 0.026\*"obese" + 0.022\*"morbid" + '

'0.020\*"sensitive" + 0.019\*"collapse" + 0.019\*"gallbladder" + 0.017\*"struck" '

'+ 0.016\*"resistant" + 0.015\*"look" + 0.015\*"valium"'),

(10,

'0.116\*"aortic" + 0.068\*"valve" + 0.064\*"stenosis" + 0.056\*"mitral" + '

'0.038\*"aneurysm" + 0.035\*"regurgitation" + 0.034\*"replacement" + '

'0.031\*"echocardiogram" + 0.022\*"severe" + 0.022\*"moderate" + 0.019\*"mild" + '

'0.015\*"heart" + 0.014\*"showed" + 0.014\*"ventricular" + 0.014\*"dyspnea"'),

(11,

'0.234\*"seizure" + 0.070\*"disorder" + 0.034\*"ambulance" + 0.032\*"lost" + '

'0.028\*"witnessed" + 0.026\*"episode" + 0.024\*"activity" + 0.020\*"single" + '

'0.020\*"syncopal" + 0.018\*"lasting" + 0.017\*"event" + 0.015\*"hypothyroid" + '

'0.014\*"compared" + 0.013\*"epilepsy" + 0.013\*"supine"'),

(12,

'0.066\*"sign" + 0.038\*"urinary" + 0.034\*"vital" + 0.030\*"bladder" + '

'0.025\*"infection" + 0.024\*"normal" + 0.022\*"catheter" + 0.017\*"quadrant" + '

'0.017\*"temperature" + 0.017\*"regimen" + 0.016\*"tract" + 0.015\*"urine" + '

'0.015\*"abnormal" + 0.014\*"apparent" + 0.014\*"recurrent"'),

(13,

'0.060\*"icterus" + 0.054\*"scleral" + 0.040\*"bronchoscopy" + '

'0.034\*"extension" + 0.025\*"pack" + 0.025\*"atraumatic" + 0.024\*"leading" + '

'0.021\*"normocephalic" + 0.019\*"conjunctival" + 0.019\*"psych" + '

'0.018\*"assessment" + 0.018\*"pedis" + 0.018\*"latex" + 0.017\*"dorsalis" + '

'0.016\*"airway"'),

(14,

'0.074\*"cath" + 0.067\*"cabg" + 0.036\*"distal" + 0.033\*"proximal" + '

'0.033\*"cardiac" + 0.026\*"stenting" + 0.025\*"echo" + 0.023\*"femoral" + '

'0.022\*"stenosis" + 0.021\*"occlusion" + 0.021\*"pacemaker" + 0.020\*"placed" + '

'0.020\*"plavix" + 0.019\*"nitro" + 0.019\*"pericardial"'),

(15,

'0.075\*"last" + 0.045\*"surgery" + 0.035\*"hypertension" + 0.033\*"first" + '

'0.026\*"stitle" + 0.025\*"past" + 0.022\*"severe" + 0.022\*"doctor" + '

'0.021\*"hyperlipidemia" + 0.021\*"hypercholesterolemia" + 0.020\*"surgical" + '

'0.017\*"month" + 0.017\*"hernia" + 0.017\*"repair" + 0.017\*"disease"'),

(16,

'0.051\*"pancreatic" + 0.037\*"bright" + 0.033\*"pale" + 0.029\*"pulse" + '

'0.029\*"flank" + 0.028\*"well" + 0.027\*"mmhg" + 0.025\*"cardiovascular" + '

'0.024\*"assessed" + 0.022\*"nsaid" + 0.021\*"colitis" + 0.021\*"normal" + '

'0.021\*"absent" + 0.017\*"extremity" + 0.017\*"appearance"'),

(17,

'0.060\*"headache" + 0.031\*"extrem" + 0.024\*"neck" + 0.024\*"speech" + '

'0.023\*"numbness" + 0.022\*"awake" + 0.020\*"vision" + 0.020\*"alert" + '

'0.020\*"cooperative" + 0.019\*"bilaterally" + 0.018\*"hearing" + '

'0.018\*"oriented" + 0.017\*"dysarthria" + 0.017\*"intact" + 0.016\*"perfused"'),

(18,

'0.210\*"diabetes" + 0.124\*"type" + 0.089\*"mellitus" + 0.074\*"insulin" + '

'0.046\*"neuropathy" + 0.025\*"ablation" + 0.018\*"peripheral" + '

'0.017\*"flutter" + 0.017\*"diabetic" + 0.016\*"hypertension" + '

'0.015\*"retinopathy" + 0.014\*"calcium" + 0.013\*"hyperkalemia" + 0.012\*"show" '

'+ 0.011\*"sugar"'),

(19,

'0.044\*"clear" + 0.041\*"sound" + 0.036\*"abdomen" + 0.031\*"bowel" + '

'0.030\*"normal" + 0.029\*"general" + 0.028\*"lung" + 0.027\*"tender" + '

'0.027\*"regular" + 0.027\*"bilaterally" + 0.025\*"murmur" + 0.025\*"distended" '

'+ 0.024\*"rate" + 0.023\*"alert" + 0.023\*"oriented"'),

(20,

'0.121\*"liver" + 0.065\*"cirrhosis" + 0.049\*"hepatitis" + 0.035\*"ascites" + '

'0.034\*"varix" + 0.032\*"hepatic" + 0.025\*"transplant" + 0.024\*"biliary" + '

'0.020\*"grade" + 0.020\*"encephalopathy" + 0.016\*"ventral" + '

'0.016\*"asterixis" + 0.014\*"overload" + 0.013\*"jaundice" + '

'0.012\*"lobectomy"'),

(21,

'0.107\*"abuse" + 0.090\*"etoh" + 0.065\*"alcohol" + 0.035\*"depression" + '

'0.034\*"bipolar" + 0.032\*"disorder" + 0.031\*"attempt" + 0.028\*"drinking" + '

'0.023\*"withdrawal" + 0.021\*"drink" + 0.020\*"suicide" + 0.017\*"heavy" + '

'0.014\*"screen" + 0.014\*"overdose" + 0.013\*"polysubstance"'),

(22,

'0.164\*"father" + 0.163\*"mother" + 0.148\*"died" + 0.082\*"brother" + '

'0.073\*"cancer" + 0.071\*"sister" + 0.025\*"child" + 0.020\*"deceased" + '

'0.017\*"sibling" + 0.008\*"osteopenia" + 0.007\*"appointment" + '

'0.007\*"remarkable" + 0.006\*"double" + 0.006\*"problem" + 0.006\*"lbbb"'),

(23,

'0.057\*"intact" + 0.048\*"sensation" + 0.039\*"strength" + 0.032\*"bilaterally" '

'+ 0.032\*"pupil" + 0.030\*"light" + 0.030\*"normal" + 0.025\*"reflex" + '

'0.024\*"reactive" + 0.023\*"gait" + 0.021\*"extremity" + 0.019\*"movement" + '

'0.018\*"symmetric" + 0.018\*"motor" + 0.018\*"finger"'),

(24,

'0.079\*"denies" + 0.044\*"fever" + 0.040\*"nausea" + 0.034\*"vomiting" + '

'0.029\*"chill" + 0.026\*"diarrhea" + 0.026\*"abdominal" + 0.022\*"denied" + '

'0.021\*"cough" + 0.021\*"report" + 0.019\*"recent" + 0.018\*"night" + '

'0.016\*"state" + 0.015\*"headache" + 0.014\*"loss"'),

(25,

'0.109\*"abdominal" + 0.026\*"esophageal" + 0.026\*"colon" + '

'0.025\*"pancreatitis" + 0.025\*"emesis" + 0.021\*"rectal" + 0.020\*"ercp" + '

'0.017\*"epigastric" + 0.017\*"ground" + 0.017\*"stent" + 0.015\*"coffee" + '

'0.014\*"drain" + 0.014\*"prbcs" + 0.014\*"portal" + 0.013\*"diverticulitis"'),

(26,

'0.059\*"tube" + 0.041\*"rehab" + 0.035\*"foot" + 0.034\*"wound" + 0.033\*"ulcer" '

'+ 0.032\*"placement" + 0.028\*"place" + 0.027\*"drainage" + 0.026\*"trach" + '

'0.023\*"mrsa" + 0.022\*"erythema" + 0.021\*"site" + 0.016\*"infection" + '

'0.015\*"course" + 0.014\*"tissue"'),

(27,

'0.033\*"cardiac" + 0.025\*"review" + 0.023\*"system" + 0.021\*"denies" + '

'0.016\*"pink" + 0.015\*"chest" + 0.015\*"conjunctiva" + 0.014\*"stool" + '

'0.013\*"factor" + 0.013\*"sclera" + 0.013\*"ncat" + 0.013\*"mucosa" + '

'0.013\*"dyspnea" + 0.013\*"pallor" + 0.012\*"cyanosis"'),

(28,

'0.036\*"stroke" + 0.032\*"weakness" + 0.027\*"daughter" + 0.025\*"called" + '

'0.025\*"noted" + 0.022\*"wife" + 0.022\*"head" + 0.015\*"state" + '

'0.014\*"hemorrhage" + 0.014\*"brain" + 0.014\*"morning" + 0.013\*"difficulty" + '

'0.013\*"husband" + 0.012\*"health" + 0.011\*"went"'),

(29,

'0.050\*"given" + 0.023\*"received" + 0.023\*"started" + 0.023\*"placed" + '

'0.020\*"transfer" + 0.017\*"arrival" + 0.016\*"respiratory" + 0.015\*"micu" + '

'0.013\*"hypotension" + 0.012\*"initial" + 0.012\*"showed" + 0.011\*"floor" + '

'0.010\*"blood" + 0.010\*"pneumonia" + 0.009\*"intubation"'),

(30,

'0.149\*"chest" + 0.042\*"episode" + 0.039\*"pressure" + 0.024\*"associated" + '

'0.024\*"heparin" + 0.021\*"started" + 0.019\*"went" + 0.019\*"showed" + '

'0.019\*"drip" + 0.018\*"given" + 0.018\*"aspirin" + 0.017\*"resolved" + '

'0.017\*"prior" + 0.017\*"minute" + 0.017\*"symptom"'),

(31,

'0.087\*"cancer" + 0.043\*"breast" + 0.035\*"mass" + 0.035\*"cell" + '

'0.030\*"resection" + 0.028\*"biopsy" + 0.027\*"radiation" + 0.025\*"lung" + '

'0.023\*"therapy" + 0.022\*"carcinoma" + 0.021\*"metastatic" + '

'0.020\*"diagnosed" + 0.020\*"tumor" + 0.019\*"cycle" + 0.018\*"chemotherapy"'),

(32,

'0.054\*"transferred" + 0.054\*"drug" + 0.040\*"found" + 0.038\*"presented" + '

'0.037\*"having" + 0.024\*"recorded" + 0.023\*"male" + 0.020\*"showed" + '

'0.019\*"this" + 0.019\*"significant" + 0.018\*"evaluation" + 0.017\*"room" + '

'0.016\*"there" + 0.015\*"stable" + 0.015\*"revealed"'),

(33,

'0.034\*"report" + 0.030\*"extremity" + 0.029\*"mild" + 0.021\*"lower" + '

'0.021\*"edema" + 0.018\*"decreased" + 0.015\*"today" + 0.015\*"bilateral" + '

'0.014\*"asthma" + 0.014\*"crackle" + 0.013\*"upper" + 0.012\*"base" + '

'0.011\*"swelling" + 0.010\*"baseline" + 0.009\*"diffuse"'),

(34,

'0.048\*"noted" + 0.039\*"prior" + 0.032\*"negative" + 0.025\*"month" + '

'0.024\*"multiple" + 0.022\*"treated" + 0.021\*"recently" + 0.020\*"past" + '

'0.019\*"note" + 0.018\*"recent" + 0.015\*"seen" + 0.015\*"positive" + '

'0.014\*"increased" + 0.013\*"possible" + 0.012\*"started"'),

(35,

'0.249\*"left" + 0.233\*"right" + 0.027\*"sided" + 0.022\*"showed" + '

'0.021\*"lower" + 0.021\*"lobe" + 0.012\*"primary" + 0.011\*"residual" + '

'0.010\*"partial" + 0.010\*"bilateral" + 0.010\*"there" + 0.010\*"posterior" + '

'0.009\*"vein" + 0.009\*"lesion" + 0.009\*"stone"'),

(36,

'0.055\*"blood" + 0.054\*"bleeding" + 0.052\*"stool" + 0.047\*"bleed" + '

'0.033\*"unit" + 0.025\*"anemia" + 0.023\*"episode" + 0.021\*"ulcer" + '

'0.019\*"gastric" + 0.018\*"colonoscopy" + 0.016\*"transfusion" + '

'0.016\*"guaiac" + 0.016\*"hematemesis" + 0.016\*"melena" + 0.015\*"clot"'),

(37,

'0.034\*"esrd" + 0.033\*"transplant" + 0.030\*"dialysis" + 0.030\*"abscess" + '

'0.027\*"fistula" + 0.026\*"infection" + 0.026\*"line" + 0.025\*"stage" + '

'0.024\*"hemodialysis" + 0.024\*"renal" + 0.019\*"amputation" + '

'0.018\*"bacteremia" + 0.017\*"complicated" + 0.015\*"culture" + 0.014\*"picc"'),

(38,

'0.086\*"effusion" + 0.046\*"pleural" + 0.036\*"iodine" + 0.027\*"cocaine" + '

'0.020\*"maternal" + 0.018\*"containing" + 0.018\*"aunt" + 0.017\*"uncle" + '

'0.014\*"squamous" + 0.013\*"hemoptysis" + 0.013\*"grandmother" + '

'0.012\*"malignant" + 0.012\*"bronchus" + 0.012\*"undergo" + 0.012\*"stem"')]