

**A**

**AAT** (alpha-1 antitrypsin) deficiency 273.4

**AAV** (disease) (illness) (infection) — see Human immunodeficiency virus (disease) (illness) (infection)

**Abactio** — see Abortion, induced

**Abactus venter** — see Abortion, induced

**Abarognosis** 781.99

**Abasia** (-astasia) 307.9

atactica 781.3

choreic 781.3

hysterical 300.11

paroxysmal trepidant 781.3

spastic 781.3

trembling 781.3

trepidans 781.3

**Abderhalden-Kaufmann-Lignac syndrome** (cystinosis) 270.0

**Abdomen, abdominal** — see also condition

accordion 306.4

acute 789.0 **✓**

angina 557.1

burst 868.00

convulsive equivalent (see also Epilepsy) 345.5 **✓**

heart 746.87

muscle deficiency syndrome 756.79

obstipum 756.79

**Abdominalgia** 789.0 **✓**

periodic 277.31

**Abduction contracture, hip or other joint** — see Contraction, joint

**Abercrombie's syndrome** (amyloid degeneration) 277.39

**Aberrant** (congenital) — see also Malposition, congenital

adrenal gland 759.1

blood vessel NEC 747.60

arteriovenous NEC 747.60

cerebrovascular 747.81

gastrointestinal 747.61

lower limb 747.64

renal 747.62

spinal 747.82

upper limb 747.63

breast 757.6

endocrine gland NEC 759.2

gastrointestinal vessel (peripheral) 747.61

hepatic duct 751.69

lower limb vessel (peripheral) 747.64

pancreas 751.7

parathyroid gland 759.2

peripheral vascular vessel NEC 747.60

pituitary gland (pharyngeal) 759.2

renal blood vessel 747.62

sebaceous glands, mucous membrane, mouth 750.26

spinal vessel 747.82

spleen 759.0

testis (descent) 752.51

thymus gland 759.2

thyroid gland 759.2

upper limb vessel (peripheral) 747.63

**Aberratio**

lactis 757.6

testis 752.51

**Aberration** — see also Anomaly

chromosome — see Anomaly, chromosome(s)

distantal 368.9

mental (see also Disorder, mental, nonpsychotic) 300.9

**Abetalipoproteinemia** 272.5

**Abionance** 780.79

**Abiotrophy** 799.89

**Ablatio**

placentae — see Placenta, ablatio

retinae (see also Detachment, retina) 361.9

**Ablation**

pituitary (gland) (with hypofunction) 253.7

placenta — see Placenta, ablatio

uterus 621.8

**Ablepharia, ablepharon, ablephary** 743.62

**Ablepsia** — see Blindness

**Ablepsy** — see Blindness

**Ablutomania** 300.3

**Abnormal, abnormality, abnormalities** — see also Anomaly

acid-base balance 276.4

fetus or newborn — see Distress, fetal

adaptation curve, dark 368.63

alveolar ridge 525.9

amnion 658.9 **✓**

affecting fetus or newborn 762.9

anatomical relationship NEC 759.9

apertures, congenital, diaphragm 756.6

auditory perception NEC 388.40

autosomes NEC 758.5

13 758.1

18 758.2

21 or 22 758.0

D<sub>1</sub> 758.1

E<sub>3</sub> 758.2

G 758.0

ballistocardiogram 794.39

basal metabolic rate (BMR) 794.7

biosynthesis, testicular androgen 257.2

blood level (of)

cobalt 790.6

copper 790.6

iron 790.6

lead 790.6

lithium 790.6

magnesium 790.6

mineral 790.6

zinc 790.6

blood pressure

elevated (without diagnosis of hypertension) 796.2

low (see also Hypotension) 458.9

reading (incidental) (isolated) (non-specific) 796.3

blood sugar 790.29

bowel sounds 787.5

breathing behavior — see Respiration

caloric test 794.19

cervix (acquired) NEC 622.9

congenital 752.40

in pregnancy or childbirth 654.6 **✓**

causing obstructed labor 660.2 **✓**

affecting fetus or newborn 763.1

chemistry, blood NEC 790.6

chest sounds 786.7

chorion 658.9 **✓**

affecting fetus or newborn 762.9

chromosomal NEC 758.89

analysis, nonspecific result 795.2

autosomes (see also Abnormal, autosomes NEC) 758.5

fetal, (suspected) affecting management of pregnancy 655.1 **✓**

sex 758.81

clinical findings NEC 796.4

communication — see Fistula

configuration of pupils 379.49

coronary

artery 746.85

vein 746.9

cortisol-binding globulin 255.8

course, Eustachian tube 744.24

creatinine clearance 794.4

dentofacial NEC 524.9

functional 524.50

specified type NEC 524.89

development, developmental NEC 759.9

bone 756.9

central nervous system 742.9

direction, teeth 524.30

Dynia (see also Defect, coagulation) 286.9

Ebstein 746.2

echocardiogram 793.2

echoencephalogram 794.01

echogram NEC — see Findings, abnormal, structure

electrocardiogram (ECG) (EKG) 794.31

electroencephalogram (EEG) 794.02

electromyogram (EMG) 794.17

ocular 794.14

electro-oculogram (EOG) 794.12

electroretinogram (ERG) 794.11

erythrocytes 289.9

**Abnormal, abnormality, abnormalities** — see also Anomaly — continued

erythrocytes — continued

congenital, with perinatal jaundice 282.9 [774.0]

Eustachian valve 746.9

excitability under minor stress 301.9

fat distribution 782.9

feces 787.7

fetal heart rate — see Distress, fetal

fetus NEC

affecting management of pregnancy — see Pregnancy, management affected by, fetal

causing disproportion 653.7 **✓**

affecting fetus or newborn 763.1

causing obstructed labor 660.1 **✓**

affecting fetus or newborn 763.1

findings without manifest disease — see Findings, abnormal

fluid

amniotic 792.3

cerebrospinal 792.0

peritoneal 792.9

pleural 792.9

synovial 792.9

vaginal 792.9

forces of labor NEC 661.9 **✓**

affecting fetus or newborn 763.7

form, teeth 520.2

function studies

auditory 794.15

bladder 794.9

brain 794.00

cardiovascular 794.30

endocrine NEC 794.6

kidney 794.4

liver 794.8

nervous system

central 794.00

peripheral 794.19

oculomotor 794.14

pancreas 794.9

placenta 794.9

pulmonary 794.2

retina 794.11

special senses 794.19

spleen 794.9

thyroid 794.5

vestibular 794.16

gait 781.2

hysterical 300.11

gastrin secretion 251.5

globulin

cortisol-binding 255.8

thyroid-binding 246.8

glucagon secretion 251.4

glucose 790.29

in pregnancy, childbirth, or puerperium 648.8 **✓**

fetus or newborn 775.0

non-fasting 790.29

gravitational (G) forces or states 994.9

hair NEC 704.2

hard tissue formation in pulp 522.3

head movement 781.0

heart

rate

fetus, affecting liveborn infant

before the onset of labor 763.81

during labor 763.82

unspecified as to time of onset 763.83

intrauterine

before the onset of labor 763.81

during labor 763.82

unspecified as to time of onset 763.83

newborn

before the onset of labor 763.81

during labor 763.82

unspecified as to time of onset 763.83

shadow 793.2

sounds NEC 785.3

**Abnormal, abnormality, abnormalities** — see also Anomaly — continued

hemoglobin (see also Disease, hemoglobin) 282.7

trait — see Trait, hemoglobin, abnormal

hemorrhage, uterus — see Hemorrhage, uterus

histology NEC 795.4

increase

in

appetite 783.6

development 783.9

involuntary movement 781.0

jaw closure 524.51

karyotype 795.2

knee jerk 796.1

labor NEC 661.9 **✓**

affecting fetus or newborn 763.7

laboratory findings — see Findings, abnormal

length, organ or site, congenital — see Distortion

liver function test 790.6

loss of height 781.91

loss of weight 783.21

lung shadow 793.1

mammogram 793.80

calcification 793.89

calculus 793.89

microcalcification 793.81

Mantoux test 795.5

membranes (fetal)

affecting fetus or newborn 762.9

complicating pregnancy 658.8 **✓**

menstruation — see Menstruation

metabolism (see also condition) 783.9

movement 781.0

disorder NEC 333.90

sleep related, unspecified 780.58

specified NEC 333.99

head 781.0

involuntary 781.0

specified type NEC 333.99

muscle contraction, localized 728.85

myoglobin (Aberdeen) (Annapolis) 289.9

narrowness, eyelid 743.62

optokinetic response 379.57

organs or tissues of pelvis NEC

in pregnancy or childbirth 654.9 **✓**

affecting fetus or newborn 763.89

causing obstructed labor 660.2 **✓**

affecting fetus or newborn 763.1

origin — see Malposition, congenital

palmar creases 757.2

Papanicolaou (smear)

anus 796.70

with

atypical squamous cells

cannot exclude high grade squamous intraepithelial lesion (ASC-H) 796.72

of undetermined significance (ASC-US) 796.71

cytologic evidence of malignancy 796.76

high grade squamous intraepithelial lesion (HGSIL) 796.74

low grade squamous intraepithelial lesion (LGSIL) 796.73

glandular 796.70

specified finding NEC 796.79

cervix 795.00

with

atypical squamous cells

cannot exclude high grade squamous intraepithelial lesion (ASC-H) 795.02

of undetermined significance (ASC-US) 795.01

cytologic evidence of malignancy 795.06

high grade squamous intraepithelial lesion (HGSIL) 795.04

**414 Other forms of chronic ischemic heart disease**

**EXCLUDES** arteriosclerotic cardiovascular disease [ASCVD] (429.2) cardiovascular:  
arteriosclerosis or sclerosis (429.2)  
degeneration or disease (429.2)

**414.0 Coronary atherosclerosis**

Arteriosclerotic heart disease Coronary (artery):  
[ASHD] arteritis or endarteritis  
Atherosclerotic heart disease atheroma  
Coronary (artery): sclerosis  
arteriosclerosis stricture

Use additional code, if applicable, to identify chronic total occlusion of coronary artery (414.2)

**EXCLUDES** embolism of graft (996.72)  
occlusion NOS of graft (996.72)  
thrombus of graft (996.72)

**DEF:** A chronic condition marked by thickening and loss of elasticity of the coronary artery; caused by deposits of plaque containing cholesterol, lipoid material and lipophages.

**AHA:** 2Q, '97, 13; 2Q, '95, 17; 4Q, '94, 49; 2Q, '94, 13; 1Q, '94, 6; 3Q, '90, 7

**414.00 Of unspecified type of vessel, native or graft** A

**AHA:** 1Q, '04, 24; 2Q, '03, 16; 3Q, '01, 15; 4Q, '99, 4; 3Q, '97, 15; 4Q, '96, 31

**414.01 Of native coronary artery** A

**DEF:** Plaque deposits in natural heart vessels.

**AHA:** 3Q, '09, 9, 10; 3Q, '08, 10; 2Q, '08, 16; 3Q, '06, 25; 4Q, '05, 71; 2Q, '04, 3; 4Q, '03, 108; 3Q, '03, 9, 14; 3Q, '02, 4-9; 3Q, '01, 15; 2Q, '01, 8, 9; 3Q, '97, 15; 2Q, '96, 10; 4Q, '96, 31

**TIP:** Assign for documentation of CAD NOS in a patient with no history of coronary artery bypass procedure.

**I25.10** ASHD of native cor artery w/o angina pectoris I-10

**414.02 Of autologous vein bypass graft** A

**AHA:** 2Q, '10, 8-9

**DEF:** Plaque deposit in grafted vein originating within patient.

**414.03 Of nonautologous biological bypass graft** A

**DEF:** Plaque deposits in grafted vessel originating outside patient.

**414.04 Of artery bypass graft** A

Internal mammary artery

**DEF:** Plaque deposits in grafted artery originating within patient.

**AHA:** 4Q, '96, 31

**414.05 Of unspecified type of bypass graft** A

Bypass graft NOS

**AHA:** 3Q, '97, 15; 4Q, '96, 31

**414.06 Of native coronary artery of transplanted heart**

**AHA:** 4Q, '03, 60; 4Q, '02, 53

**414.07 Of bypass graft (artery) (vein) of transplanted heart** A

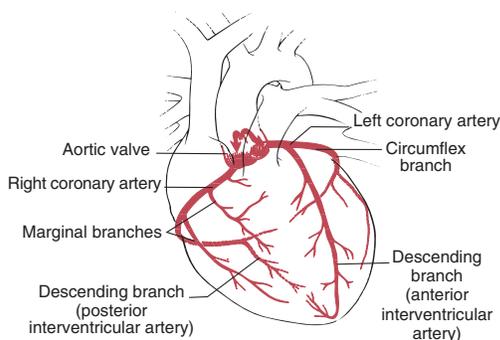
**414.1 Aneurysm and dissection of heart**

**AHA:** 4Q, '02, 54

**414.10 Aneurysm of heart (wall)**

Aneurysm (arteriovenous):  
mural  
ventricular

**Arteries of the Heart**



**414.11 Aneurysm of coronary vessels**

Aneurysm (arteriovenous) of coronary vessels

**DEF:** Dilatation of all three-vessel wall layers forming a sac filled with blood.

**AHA:** 2Q, '10, 8-9; 3Q, '03, 10; 1Q, '99, 17

**414.12 Dissection of coronary artery**

**DEF:** A tear in the intimal arterial wall of a coronary artery resulting in the sudden intrusion of blood within the layers of the wall.

**AHA:** 1Q, '11, 3-4

**414.19 Other aneurysm of heart**

Arteriovenous fistula, acquired, of heart

**414.2 Chronic total occlusion of coronary artery**

Complete occlusion of coronary artery

Total occlusion of coronary artery

Code first coronary atherosclerosis (414.00-414.07)

**EXCLUDES** acute coronary occlusion with myocardial infarction (410.00-410.92)  
acute coronary occlusion without myocardial infarction (411.81)

**DEF:** Complete blockage of coronary artery due to plaque accumulation over an extended period of time; results in substantial reduction of blood flow.

**AHA:** 4Q, '07, 82

**414.3 Coronary atherosclerosis due to lipid rich plaque** A

Code first coronary atherosclerosis (414.00-414.07)

**AHA:** 4Q, '08, 113

**414.4 Coronary atherosclerosis due to calcified coronary lesion** A

Coronary atherosclerosis due to severely calcified coronary lesion

Code first coronary atherosclerosis (414.00-414.07)

**414.8 Other specified forms of chronic ischemic heart disease**

Chronic coronary insufficiency  
Ischemia, myocardial (chronic)

Any condition classifiable to 410 specified as chronic, or presenting with symptoms after 8 weeks from date of infarction

**EXCLUDES** coronary insufficiency (acute) (411.89)

**AHA:** 3Q, '01, 15; 1Q, '92, 10; 3Q, '90, 7, 15; 2Q, '90, 19

**I25.89** Other forms of chronic ischemic heart disease I-10

**414.9 Chronic ischemic heart disease, unspecified**

Ischemic heart disease NOS

**Diseases of Pulmonary Circulation (415-417)**

**415 Acute pulmonary heart disease**

**415.0 Acute cor pulmonale**

**EXCLUDES** cor pulmonale NOS (416.9)

**DEF:** A heart-lung disease marked by dilation and failure of the right side of heart; due to pulmonary embolism; ventilatory function is impaired and pulmonary hypertension results.

**415.1 Pulmonary embolism and infarction**

Pulmonary (artery) (vein): Pulmonary (artery) (vein):  
apoplexy infarction (hemorrhagic)  
embolism thrombosis

**EXCLUDES** chronic pulmonary embolism (416.2)  
personal history of pulmonary embolism (V12.55) that complicating:  
abortion (634-638 with .6, 639.6)  
ectopic or molar pregnancy (639.6)  
pregnancy, childbirth, or the puerperium (673.0-673.8)

**DEF:** Embolism: Closure of the pulmonary artery or branch; due to thrombosis (blood clot).

**DEF:** Infarction: Necrosis of lung tissue; due to obstructed arterial blood supply, most often by pulmonary embolism.

**AHA:** 4Q, '90, 25

**415.11 Iatrogenic pulmonary embolism and infarction**

Use additional code for associated septic pulmonary embolism, if applicable, 415.12

**AHA:** 4Q, '95, 58

**TIP:** Do not report code 997.39 Other respiratory complications, with code 415.11.

**415.12 Septic pulmonary embolism**  
 Septic embolism NOS  
 Code first underlying infection, such as:  
 septicemia (038.0-038.9)  
**EXCLUDES** septic arterial embolism (449)  
 AHA: 4Q, '07, 84-86

**415.13 Saddle embolus of pulmonary artery**

**415.19 Other**  
 AHA: 3Q, '10, 10; 4Q, '09, 86  
 I26.99 Other pulmonary embolism w/o acute cor pulmonale I-10

**416 Chronic pulmonary heart disease**

**416.0 Primary pulmonary hypertension**  
 Idiopathic pulmonary arteriosclerosis  
 Pulmonary hypertension (essential) (idiopathic) (primary)  
**EXCLUDES** pulmonary hypertension NOS (416.8)  
 secondary pulmonary hypertension (416.8)  
**DEF:** A rare increase in pulmonary circulation, often resulting in right ventricular failure or fatal syncope.  
 I27.0 Primary pulmonary hypertension I-10

**416.1 Kyphoscoliotic heart disease**  
**DEF:** High blood pressure within the lungs as a result of curvature of the spine.

**416.2 Chronic pulmonary embolism**  
 Use additional code, if applicable, for associated long-term (current) use of anticoagulants (V58.61)  
**EXCLUDES** personal history of pulmonary embolism ▶ (V12.55) ◀  
**DEF:** A long-standing condition commonly associated with pulmonary hypertension in which small blood clots travel to the lungs repeatedly over many weeks, months, or years, requiring continuation of established anticoagulant or thrombolytic therapy.  
 AHA: 4Q, '09, 85-86

**416.8 Other chronic pulmonary heart diseases**  
 Pulmonary hypertension NOS  
 Pulmonary hypertension, secondary  
 AHA: ▶ 1Q, '11, 10; ◀ 3Q, '10, 12; 2Q, '10, 10  
 I27.89 Other specified pulmonary heart diseases I-10

**416.9 Chronic pulmonary heart disease, unspecified**  
 Chronic cardiopulmonary disease  
 Cor pulmonale (chronic) NOS

**417 Other diseases of pulmonary circulation**

**417.0 Arteriovenous fistula of pulmonary vessels**  
**EXCLUDES** congenital arteriovenous fistula ▶ (747.32) ◀  
**DEF:** Abnormal communication between blood vessels within lung.

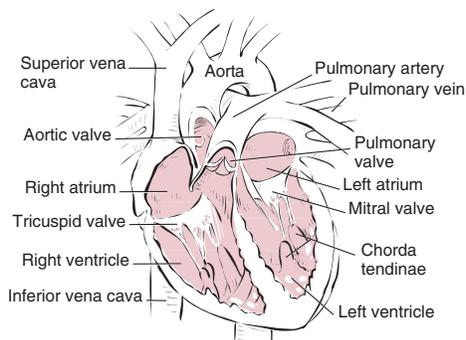
**417.1 Aneurysm of pulmonary artery**  
**EXCLUDES** congenital aneurysm ▶ (747.39) ◀  
 ▶ congenital arteriovenous aneurysm (747.32) ◀

**417.8 Other specified diseases of pulmonary circulation**

Pulmonary:  
 arteritis  
 endarteritis  
 Rupture } of pulmonary vessel  
 Stricture }

**417.9 Unspecified disease of pulmonary circulation**

**Anatomy**



**Blood Flow**



**Other Forms of Heart Disease (420-429)**

**420 Acute pericarditis**

**INCLUDES** acute:  
 mediastinopericarditis  
 myopericarditis  
 pericardial effusion  
 pleuropericarditis  
 pneumopericarditis

**EXCLUDES** acute rheumatic pericarditis (391.0)  
 postmyocardial infarction syndrome [Dressler's] (411.0)

**DEF:** Inflammation of the pericardium (heart sac); pericardial friction rub results from this inflammation and is heard as a scratchy or leathery sound.

**420.0 Acute pericarditis in diseases classified elsewhere**

Code first underlying disease, as:  
 actinomycosis (039.8)  
 amebiasis (006.8)  
 chronic uremia (585.9)  
 nocardiosis (039.8)  
 tuberculosis (017.9)  
 uremia NOS (586)

**EXCLUDES** pericarditis (acute) (in):  
 Coxsackie (virus) (074.21)  
 gonococcal (098.83)  
 histoplasmosis (115.0-115.9 with fifth-digit 3)  
 meningococcal infection (036.41)  
 syphilitic (093.81)

**420.9 Other and unspecified acute pericarditis**

**420.90 Acute pericarditis, unspecified**

Pericarditis (acute): Pericarditis (acute):  
 NOS NOS  
 infective NOS sicca  
 AHA: 2Q, '89, 12

**420.91 Acute idiopathic pericarditis**

Pericarditis, acute: Pericarditis (acute):  
 benign viral  
 nonspecific

**420.99 Other**

Pericarditis (acute): Pericarditis (acute):  
 pneumococcal supplicative  
 purulent Pneumopyopericardium  
 staphylococcal Pyopericardium  
 streptococcal

**EXCLUDES** pericarditis in diseases classified elsewhere (420.0)