

# MeSH Tree Structures - 2008

## G9 - PHYSIOLOGY-CIRCULATORY AND RESPIRATORY

### Circulatory and Respiratory Physiology

Circulatory and Respiratory Physiology	G9		
Blood Physiology	G9.188		
Blood Physiologic Phenomena	G9.188.250		
Acid-Base Equilibrium	G9.188.250.51	G6.184.	G7.621.
		H1.181.	
Bleeding Time	G9.188.250.106	E1.450.	
Blood Bactericidal Activity	G9.188.250.133	G4.610.	G9.188.
Blood Cell Count	G9.188.250.161	E1.450.	E5.200.
		G4.335.	
Erythrocyte Count	G9.188.250.161.330	E1.450.	E5.200.
		G4.335.	
Reticulocyte Count	G9.188.250.161.330.725	E1.450.	E5.200.
		G4.335.	
Leukocyte Count	G9.188.250.161.595	E1.450.	E5.200.
		G4.335.	
Lymphocyte Count	G9.188.250.161.595.500	E1.450.	E5.200.
		G4.335.	
CD4 Lymphocyte Count	G9.188.250.161.595.500.150	E1.450.	E5.200.
		G4.335.	
CD4-CD8 Ratio	G9.188.250.161.595.500.150.160	E1.450.	E5.200.
		G4.335.	G4.610.
Platelet Count	G9.188.250.161.700	E1.450.	E1.450.
		E5.200.	G4.335.
Blood Volume	G9.188.250.313	G9.330.	
Erythrocyte Volume	G9.188.250.313.370	G9.330.	
Plasma Volume	G9.188.250.313.610	G9.330.	
Erythrocyte Indices	G9.188.250.350	E1.450.	
Hemorheology	G9.188.250.520	E5.830.	G1.344.
		G9.188.	G9.330.
		G9.330.	
Blood Viscosity	G9.188.250.520.124	G9.330.	
Erythrocyte Deformability	G9.188.250.520.249		
Hematocrit	G9.188.250.520.374	E1.450.	
Osmotic Fragility	G9.188.250.640	E1.450.	
Partial Thromboplastin Time	G9.188.250.660	E1.450.	
Platelet Adhesiveness	G9.188.250.670	G9.188.	
Prothrombin Time	G9.188.250.680	E1.450.	
Reticulocytosis	G9.188.250.760	C23.888.	
Thrombin Time	G9.188.250.840	E1.450.	
Whole Blood Coagulation Time	G9.188.250.960	E1.450.	
Blood Physiologic Processes	G9.188.261		
Blood Bactericidal Activity	G9.188.261.145	G4.610.	G9.188.
Erythrocyte Aging	G9.188.261.454	G4.335.	
Hematopoiesis	G9.188.261.544	G4.335.	
Erythropoiesis	G9.188.261.544.414	G4.335.	
Hematopoiesis, Extramedullary	G9.188.261.544.463	G4.335.	
Leukopoiesis	G9.188.261.544.597	G4.335.	
Lymphopoiesis	G9.188.261.544.597.500	G4.335.	
Myelopoiesis	G9.188.261.544.597.750	G4.335.	
Thrombopoiesis	G9.188.261.544.798	G4.335.	
Hemorheology	G9.188.261.552	E5.830.	G1.344.
		G9.188.	G9.330.
		G9.330.	
Erythrocyte Aggregation	G9.188.261.552.249	E1.450.	
Platelet Aggregation	G9.188.261.552.624	G9.188.	
Hemostasis	G9.188.261.560		
Blood Coagulation	G9.188.261.560.150		
Fibrinolysis	G9.188.261.560.150.390		
Platelet Activation	G9.188.261.560.600		

## G9 - PHYSIOLOGY-CIRCULATORY AND RESPIRATORY

### Circulatory and Respiratory Physiology

#### Blood Physiology

##### Blood Physiologic Processes

###### Hemostasis

###### Platelet Activation

###### Clot Retraction

###### Clot Retraction

###### Platelet Adhesiveness

###### Platelet Aggregation

###### Phagocytosis

#### Cardiovascular Physiology

##### Cardiovascular Physiologic Phenomena

###### Capillary Fragility

###### Capillary Permeability

##### Cardiovascular Deconditioning

##### Hemodynamics

###### Blood Pressure

###### Pulmonary Wedge Pressure

###### Venous Pressure

###### Central Venous Pressure

###### Portal Pressure

###### Blood Volume

###### Erythrocyte Volume

###### Plasma Volume

###### Cardiac Output

###### Stroke Volume

###### Cardiac Volume

###### Heart Rate

###### Heart Rate, Fetal

###### Heart Sounds

###### Hemorheology

###### Blood Flow Velocity

###### Blood Viscosity

###### Pulse

###### Valsalva Maneuver

###### Vascular Capacitance

###### Vascular Resistance

###### Capillary Resistance

###### Ventricular Pressure

##### Vascular Patency

#### Cardiovascular Physiologic Processes

##### Atrial Function

###### Atrial Function, Left

###### Atrial Function, Right

##### Blood Circulation

###### Cerebrovascular Circulation

###### Collateral Circulation

###### Coronary Circulation

###### Fractional Flow Reserve, Myocardial

###### Microcirculation

###### Placental Circulation

###### Pulmonary Circulation

###### Regional Blood Flow

###### Renal Circulation

###### Renal Blood Flow, Effective

###### Renal Plasma Flow

###### Renal Plasma Flow, Effective

###### Splanchnic Circulation

###### Liver Circulation

##### Hemodynamics

###### Baroreflex

	G9.188.261.560.600.180	E1.450.	
	G9.188.261.560.600.500	G9.188.	
	G9.188.261.560.600.640	G9.188.	
	G9.188.261.780	G4.335.	G4.610.
	G9.330		
	G9.330.553		
	G9.330.553.199	E1.370.	
	G9.330.553.299	G6.535.	
	G9.330.553.349		
	G9.330.553.660	G9.330.	
	G9.330.553.660.76		
	G9.330.553.660.76.695		
	G9.330.553.660.76.732		
	G9.330.553.660.76.732.336		
	G9.330.553.660.76.732.650		
	G9.330.553.660.92	G9.188.	
	G9.330.553.660.92.370	G9.188.	
	G9.330.553.660.92.610	G9.188.	
	G9.330.553.660.124	E1.370.	
	G9.330.553.660.124.882	E1.370.	
	G9.330.553.660.249		
	G9.330.553.660.500		
	G9.330.553.660.500.430		
	G9.330.553.660.510		
	G9.330.553.660.630	E5.830.	G1.344.
		G9.188.	G9.188.
		G9.330.	
	G9.330.553.660.630.80	E1.370.	
	G9.330.553.660.630.110	G9.188.	
	G9.330.553.660.750	E1.370.	E1.370.
	G9.330.553.660.875	E1.370.	E1.370.
		G9.772.	
	G9.330.553.660.906		
	G9.330.553.660.921		
	G9.330.553.660.921.327		
	G9.330.553.660.937	G9.330.	
	G9.330.553.920		
	G9.330.582		
	G9.330.582.75		
	G9.330.582.75.100		
	G9.330.582.75.200		
	G9.330.582.163		
	G9.330.582.163.159		
	G9.330.582.163.248		
	G9.330.582.163.324		
	G9.330.582.163.324.500		
	G9.330.582.163.645	A7.231.	
	G9.330.582.163.749		
	G9.330.582.163.770	G9.772.	
	G9.330.582.163.780		
	G9.330.582.163.812		
	G9.330.582.163.812.700		
	G9.330.582.163.812.740		
	G9.330.582.163.812.750		
	G9.330.582.163.881		
	G9.330.582.163.881.552		
	G9.330.582.400	G9.330.	
	G9.330.582.400.90	G11.561.	

## G9 - PHYSIOLOGY-CIRCULATORY AND RESPIRATORY

**Circulatory and Respiratory Physiology**  
**Cardiovascular Physiology**  
**Cardiovascular Physiologic Processes**  
**Hemodynamics**  
**Hemorheology**

<b>Hemorheology</b>	G9.330.582.400.295	E5.830. G9.188. G9.330.	G1.344. G9.188.
<b>Pulsatile Flow</b>	G9.330.582.400.295.750		
<b>Kallikrein-Kinin System</b>	G9.330.582.400.500	G6.184. G6.535.	G6.535. G7.621.
<b>Renin-Angiotensin System</b>	G9.330.582.400.750	G6.535.	
<b>Vasoconstriction</b>	G9.330.582.400.920		
<b>Vasodilation</b>	G9.330.582.400.925		
<b>Myocardial Contraction</b>	G9.330.582.541	G11.427.	
<b>Diastole</b>	G9.330.582.541.295	G11.427.	G11.427.
<b>Systole</b>	G9.330.582.541.880	G11.427.	
<b>Neovascularization, Physiologic</b>	G9.330.582.751		
<b>Ventricular Function</b>	G9.330.582.962		
<b>Ventricular Function, Left</b>	G9.330.582.962.800		
<b>Ventricular Function, Right</b>	G9.330.582.962.900		
<b>Ventricular Pressure</b>	G9.330.582.962.950	G9.330.	
<b>Ventricular Remodeling</b>	G9.330.582.962.975		
<b>Respiratory Physiology</b>	G9.772		
<b>Respiratory Physiologic Phenomena</b>	G9.772.765		
<b>Airway Resistance</b>	G9.772.765.60	E1.370.	
<b>Lung Compliance</b>	G9.772.765.540	E1.370.	
<b>Pulmonary Diffusing Capacity</b>	G9.772.765.600	E1.370.	
<b>Pulmonary Ventilation</b>	G9.772.765.650	E1.370.	
<b>Forced Expiratory Flow Rates</b>	G9.772.765.650.300	E1.370.	
<b>Maximal Expiratory Flow Rate</b>	G9.772.765.650.300.590	E1.370.	
<b>Maximal Expiratory Flow-Volume Curves</b>	G9.772.765.650.300.630	E1.370.	
<b>Maximal Midexpiratory Flow Rate</b>	G9.772.765.650.300.670	E1.370.	
<b>Peak Expiratory Flow Rate</b>	G9.772.765.650.300.790	E1.370.	
<b>Forced Expiratory Volume</b>	G9.772.765.650.430	E1.370.	
<b>Maximal Voluntary Ventilation</b>	G9.772.765.650.630	E1.370.	
<b>Respiratory Dead Space</b>	G9.772.765.760		
<b>Respiratory Sounds</b>	G9.772.765.765	C23.888.	E1.370.
<b>Total Lung Capacity</b>	G9.772.765.850	E1.370.	
<b>Closing Volume</b>	G9.772.765.850.250	E1.370.	
<b>Functional Residual Capacity</b>	G9.772.765.850.390	E1.370.	
<b>Expiratory Reserve Volume</b>	G9.772.765.850.390.360	E1.370.	E1.370.
<b>Residual Volume</b>	G9.772.765.850.390.820	E1.370.	
<b>Vital Capacity</b>	G9.772.765.850.970	E1.370.	
<b>Expiratory Reserve Volume</b>	G9.772.765.850.970.360	E1.370.	E1.370.
<b>Inspiratory Capacity</b>	G9.772.765.850.970.500	E1.370.	
<b>Inspiratory Reserve Volume</b>	G9.772.765.850.970.500.375	E1.370.	
<b>Tidal Volume</b>	G9.772.765.850.970.500.700	E1.370.	
<b>Valsalva Maneuver</b>	G9.772.765.910	E1.370. G9.330.	E1.370.
<b>Ventilation-Perfusion Ratio</b>	G9.772.765.920	E1.370.	
<b>Voice</b>	G9.772.765.925		
<b>Voice Quality</b>	G9.772.765.925.960		
<b>Work of Breathing</b>	G9.772.765.962	E1.370.	
<b>Respiratory Physiologic Processes</b>	G9.772.770		
<b>Mucociliary Clearance</b>	G9.772.770.580	E1.370.	
<b>Phonation</b>	G9.772.770.680		
<b>Pulmonary Circulation</b>	G9.772.770.690	G9.330.	
<b>Respiration</b>	G9.772.770.755		
<b>Respiratory Mechanics</b>	G9.772.770.755.700		
<b>Bronchoconstriction</b>	G9.772.770.755.700.80		

**G9 - PHYSIOLOGY-CIRCULATORY AND RESPIRATORY**

**Circulatory and Respiratory Physiology**

**Respiratory Physiology**

**Respiratory Physiologic Processes**

**Respiration**

**Respiratory Mechanics**

**Exhalation**

**Exhalation**

**Inhalation**

**Respiratory Transport**

**Pulmonary Gas Exchange**

**Sneezing**

**Yawning**

G9.772.770.755.700.275

G9.772.770.755.700.390

G9.772.770.755.760

G9.772.770.755.760.602

G9.772.770.820

G9.772.770.980

G6.535.

E1.370.

C23.888.

G6.535.