

## **Final Summary of Data Changes**

**HHGS v05.0.24**

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## Comorbidity Subgroup Changes

### Low Comorbidity Subgroups Additions

The following Comorbidity Subgroups are added to be applicable for a low comorbidity adjustment.

#### Low Comorbidity Subgroups Additions

Reason Key: A=Added To List, N=New Code

Name	Description	R*
Neoplasms 17	Secondary Neoplasms of Respiratory and GI Systems	A
Neurological 4	Alzheimer's disease and related dementias	A
Respiratory 10	2019 Novel Coronavirus	A

**Low Comorbidity Subgroups Removals**

The following Comorbidity Subgroups are removed from being applicable for a low comorbidity adjustment.

**Low Comorbidity Subgroups Removals**

**Reason Key: R=Removed From List, D=Code Terminated**

<b>Name</b>	<b>Description</b>	<b>R*</b>
Gastrointestinal_ 1	Crohn's, Ulcerative Colitis, and other Functional Intestinal Disorders	R
Musculoskeletal 2	Rheumatoid Arthritis	R
Neoplasms_6	Malignant Neoplasms of Trachea, Bronchus, Lung, and Mediastinum	R

## Comorbidity Subgroup Interaction Changes

### Added Comorbidity Subgroups Interactions

The following Comorbidity Subgroup interactions are added and are applicable for a high comorbidity adjustment.

### Added Comorbidity Subgroups Interactions

Group1	Group2	Description
Behavioral_4	Neurological_5	Includes Psychotic, major depressive, and dissociative disorders, includes unspecified dementia, eating disorder and intellectual disabilities; Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease
Cerebral_4	Circulatory_2	Includes Sequelae of Cerebrovascular Diseases, Cerebral Atherosclerosis and Stroke Sequelae; Other Anemias
Cerebral_4	Circulatory_7	Includes Sequelae of Cerebrovascular Diseases, Cerebral Atherosclerosis and Stroke Sequelae; Atherosclerosis
Cerebral_4	Respiratory_2	Includes Sequelae of Cerebrovascular Diseases, Cerebral Atherosclerosis and Stroke Sequelae; Whooping Cough and Pneumonia
Cerebral_4	Respiratory_9	Includes Sequelae of Cerebrovascular Diseases, Cerebral Atherosclerosis and Stroke Sequelae; Respiratory Failure and Atelectasis
Circulatory_10	Circulatory_2	Includes Varicose Veins and Lymphedema; Hemolytic, Aplastic, and Other Anemias
Circulatory_10	Heart_8	Includes Varicose Veins and Lymphedema; Other Pulmonary Heart Diseases
Circulatory_10	Musculoskeletal_3	Includes Varicose Veins and Lymphedema; Joint Pain
Circulatory_10	Neurological_10	Includes Varicose Veins and Lymphedema; Diabetes with neuropathy
Circulatory_10	Renal_1	Includes Varicose Veins and Lymphedema; Chronic Kidney Disease and End Stage Renal Disease
Circulatory_10	Renal_3	Includes Varicose Veins and Lymphedema; Other disorders of the kidney and ureter, excluding chronic kidney disease and ESRD
Circulatory_10	Respiratory_9	Includes Varicose Veins and Lymphedema; Respiratory Failure and Atelectasis
Circulatory_2	Skin_4	Includes Transient Ischemic Attacks and Vascular Syndromes in Cerebrovascular Diseases; Stages Two through Four and Unstageable pressure ulcers by site
Circulatory_4	Skin_4	Includes Hypertensive Chronic Kidney Disease; Stages Two through Four and Unstageable pressure ulcers by site
Circulatory_9	Neurological_10	Includes Other Venous Embolism and Thrombosis; Diabetes with neuropathy
Endocrine_1	Skin_4	Includes Hypothyroidism; Stages Two through Four and Unstageable pressure ulcers by site
Endocrine_4	Skin_4	Includes Other Combined Immunodeficiencies, Malnutrition, includes graft-versus-host-disease; Stages Two through Four and Unstageable pressure ulcers by site
Endocrine_5	Neurological_7	Includes Obesity, and Disorders of Metabolism and Fluid Balance; Paraplegia, Hemiplegia and Quadriplegia
Endocrine_5	Skin_4	Includes Obesity, and Disorders of Metabolism and Fluid Balance; Stages Two through Four and Unstageable pressure ulcers by site
Heart_10	Neoplasms_18	Includes Dysrhythmias, Atrial fibrillation and Atrial flutter; Secondary neoplasms of urinary and reproductive systems
Heart_10	Skin_3	Includes Dysrhythmias, Atrial fibrillation and Atrial flutter; Diseases of arteries, arterioles, and capillaries with ulceration and non-pressure ulcer
Heart_11	Skin_1	Includes Heart Failure; Cutaneous Abscess, Cellulitis, and Lymphangitis
Heart_8	Skin_4	Includes Other Pulmonary Heart Diseases; Stages Two through Four and Unstageable pressure ulcers by site
Heart_9	Skin_4	Includes Valve Disorders; Stages Two through Four and Unstageable pressure ulcers by site
Infectious_1	Neurological_5	Includes C-diff, MRSA, E-coli, Sepsis; Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease
Infectious_1	Skin_3	Includes C-diff, MRSA, E-coli, Sepsis; Diseases of arteries, arterioles, and capillaries with ulceration and non-pressure ulcer
Neurological_10	Skin_3	Includes Diabetes with neuropathy; Diseases of arteries, arterioles, and capillaries with ulceration and non-pressure ulcer
Neurological_12	Neurological_7	Includes Nondiabetic neuropathy; Paraplegia, Hemiplegia and Quadriplegia
Neurological_12	Skin_4	Includes Nondiabetic neuropathy; Stages Two through Four and Unstageable pressure ulcers by site
Neurological_5	Renal_1	Includes Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease; Chronic Kidney Disease and End Stage Renal Disease

**Added Comorbidity Subgroups Interactions**

<b>Group1</b>	<b>Group2</b>	<b>Description</b>
Neurological_5	Respiratory_5	Includes Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease; COPD, Asthma, and Bronchiectasis
Neurological_5	Skin_4	Includes Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease; Stages Two through Four and Unstageable pressure ulcers by site
Neurological_7	Neurological_8	Includes Paraplegia, Hemiplegia and Quadriplegia; Epilepsy
Neurological_8	Skin_4	Includes Epilepsy; Stages Two through Four and Unstageable pressure ulcers by site
Renal_1	Skin_3	Includes Chronic Kidney Disease and End Stage Renal Disease; Diseases of arteries, arterioles, and capillaries with ulceration and non-pressure ulcer
Respiratory_5	Skin_4	Includes Chronic Obstructive Pulmonary Disease, Asthma, and Bronchiectasis; Stages Two through Four and Unstageable pressure ulcers by site

## **Deleted Comorbidity Subgroups Interactions**

The following Comorbidity Subgroup interactions are deleted and are no longer applicable for a high comorbidity adjustment.

### **Deleted Comorbidity Subgroups Interactions**

<b>Group1</b>	<b>Group2</b>	<b>Description</b>
Behavioral_2	Skin_3	Includes Mood Disorders, includes Depression and Bipolar Disorder; Diseases of arteries, arterioles and capillaries with ulceration and non-pressure chronic ulcers
Cerebral_4	Endocrine_3	Includes Sequelae of Cerebrovascular Diseases, includes cerebral atherosclerosis and stroke sequelae; Type 1, Type 2, and Other Specified Diabetes
Cerebral_4	Heart_10	Includes Sequelae of Cerebrovascular Diseases, includes cerebral atherosclerosis and stroke sequelae; Dysrhythmias, includes Atrial Fibrillation and Atrial Flutter
Cerebral_4	Heart_11	Includes Sequelae of Cerebrovascular Diseases, includes cerebral atherosclerosis and stroke sequelae; Heart Failure
Cerebral_4	Infectious_1	Includes Sequelae of Cerebrovascular Diseases, includes cerebral atherosclerosis and stroke sequelae; C-diff, MRSA, E-coli
Cerebral_4	Renal_3	Includes Sequelae of Cerebrovascular Diseases, includes cerebral atherosclerosis and stroke sequelae; Other disorders of the kidney and ureter, excluding chronic kidney disease and ESRD
Circulatory_10	Circulatory_4	Includes Varicose Veins and Lymphedema; Sequelae of Cerebrovascular Diseases, includes Cerebral Atherosclerosis and Stroke Sequelae
Circulatory_10	Endocrine_4	Includes Varicose Veins and Lymphedema; Other Combined Immunodeficiencies and Malnutrition, includes graft-versus-host-disease
Circulatory_10	Heart_10	Includes Varicose Veins and Lymphedema; Dysrhythmias, includes atrial fibrillation and atrial flutter
Circulatory_10	Heart_11	Includes Varicose Veins and Lymphedema; Heart Failure
Circulatory_10	Heart_12	Includes Varicose Veins and Lymphedema; Other Heart Diseases
Circulatory_1	Skin_4	Includes Nutritional, Enzymatic, and Other Heredity Anemias; Stages Two through Four and Unstageable pressure ulcers by site
Circulatory_2	Skin_1	Includes Hemolytic, Aplastic, and Other Anemias; Cutaneous Abscess, Cellulitis, and Lymphangitis
Circulatory_4	Neurological_5	Includes Hypertensive Chronic Kidney Disease; Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease
Circulatory_9	Endocrine_3	Includes Other Venous Embolism and Thrombosis; Type 1, Type 2, and Other Specified Diabetes
Endocrine_5	Neurological_5	Includes Obesity, and Disorders of Metabolism and Fluid Balance; Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease
Endocrine_5	Skin_1	Includes Obesity, and Disorders of Metabolism and Fluid Balance; Cutaneous Abscess, Cellulitis, and Lymphangitis
Heart_11	Neurological_11	Includes Heart Failure; Disease of the Macula and Blindness/Low Vision
Heart_11	Neurological_5	Includes Heart Failure; Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease
Heart_7	Skin_3	Includes Chronic Ischemic Heart Disease; Diseases of arteries, arterioles, and capillaries with ulceration and non-pressure, chronic ulcers
Musculoskeletal_3	Skin_4	Includes Joint Pain; Stages Two through Four and Unstageable pressure ulcers by site
Neurological_10	Skin_1	Includes Diabetes with neuropathy; Cutaneous Abscess, Cellulitis, and Lymphangitis
Neurological_5	Neurological_8	Includes Spinal Muscular Atrophy, Systemic atrophy and Motor Neuron Disease; Epilepsy
Respiratory_2	Skin_4	Includes Whooping cough; Stages Two through Four and Unstageable pressure ulcers by site
Respiratory_4	Skin_3	Includes Bronchitis, Emphysema, and Interstitial Lung Disease; Diseases of arteries, arterioles, and capillaries with ulceration and non-pressure, chronic ulcers



## Functional Impairment Response Changes

### Modified Functional Impairment Response Values

The following Functional Impairment Responses have modifications applied to either the response, value, category, limit, or points.

### Modified Functional Impairment Response Values

Field	Response	Response Category Previous	Response Category Current	Response Limit Previous	Response Limit Current	Response Category Point Previous	Response Category Point Current
M1033	at least 4 items need to be checked					10	11
M1820	2					4	3
M1820	3					12	11
M1830	2					2	0
M1830	3					10	7
M1830	4					10	7
M1830	5					17	14
M1830	6					17	14
M1860	3					5	4

## Clinical Group Changes

### Clinical Group Threshold Modifications

The following clinical groups have modifications to the Functional level thresholds.

#### Clinical Group Threshold Modifications

Id	Description	Low Point Previous	Low Point Current	Mid Point Previous	Mid Point Current	High Point Previous	High Point Current
A	MMTA - Other	0-32	0-28	33-43	29-41	44+	42+
B	Neuro Rehabilitation	0-35	0-34	36-51	35-49	52+	50+
C	Wound	0-33	0-28	34-51	29-49	52+	50+
D	Complex Nursing Interventions	0-33	0-28	34-54	29-52	55+	53+
E	Musculoskeletal Rehabilitation	0-33	0-28	34-45	29-41	46+	42+
F	Behavioral Health	0-31	0-28	32-43	29-41	44+	42+
G	MMTA - Surgical Aftercare	0-33	0-28	34-43	29-39	44+	40+
H	MMTA - Cardiac and Circulatory	0-31	0-28	32-43	29-41	44+	42+
I	MMTA - Endocrine	0-30	0-27	31-43	28-39	44+	40+
J	MMTA - Gastrointestinal tract and Genitourinary system	0-33	0-31	34-49	32-46	50+	47+
K	MMTA - Infectious Disease, Neoplasms, and Blood-Forming Diseases	0-33	0-28	34-45	29-43	46+	44+
L	MMTA - Respiratory	0-33	0-29	34-46	30-44	47+	45+

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