



3MSM Health Care Academy

3M™ Enhanced Ambulatory Patient Groups (EAPG)

Summary of Changes

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Table of Contents

3M™ Enhanced Ambulatory Patient Groups (EAPG) Summary of Changes 5

Diagnosis and Procedure Code Changes	10
New, Deleted, and Revised ICD-10-CM diagnosis codes effective 01/01/2021	10
EAPG Changes.....	10
New EAPGs.....	11
Deleted EAPGs	13
Revised EAPGs.....	13
EAPG category changes.....	15
EAPG service line changes.....	17
EAPG type changes	18
Unassigned EAPG changes.....	19
Inpatient only procedures.....	19
Significant procedure EAPG changes.....	23
Laparoscopic surgery	24
Neurosurgery, intracranial and extracranial vascular surgery.....	26
Cardiovascular surgery.....	28
Musculoskeletal surgery	29
Gastrointestinal surgery.....	31
Ophthalmologic procedures	34
Opioid treatment program (OTP) services.....	39
Ancillary EAPG changes	42
Standard packaging list	42
Ancillary observation	43
Pathology tests and services.....	44
Respiratory therapy and pulmonary tests and services	46
Radiology Services.....	49
Pharmacotherapy, chemotherapy, and other drug EAPG changes.....	50
Pharmacotherapy and chemotherapy	53
Therapeutic Radiopharmaceuticals	54
Brachytherapy Sources	54
Blood and Blood Products.....	55
Medical visit EAPG changes.....	57
Medical visit frequency changes.....	57
Diagnosis to EAPG reassignments.....	58
Relative Weights.....	60
Impact analysis	61
Redistribution analysis.....	61
Consolidation analysis.....	65
Packaging analysis.....	75
Discounting analysis.....	79
R2 analysis.....	80

Redistribution report	81
References	81
Attachments	82
Annual Summary of Changes EAPG v3.16.....	83
Redistribution Report EAPG v3.16.....	84
Overview to the Design and Application of EAPG Weights for version 3.16.....	84

3M™ Enhanced Ambulatory Patient Groups (EAPG) Summary of Changes

For licensees of the 3M™ Enhanced Ambulatory Patient Groups (EAPGs), this document identifies changes for v3.16, effective January 1, 2021.

The EAPG grouper v3.16 contains versions 3.10 through v3.16; seven years' worth of grouper versions are retained (2015 through 2021). Additionally, Grouper Version 3.8 and 3.9 remain in the grouper component through 2021 for historical claims processing. However, code set updates are not included. Effective January 1, 2022, version 3.8 and 3.9 will be removed from the component.

Each year, 3M revises the EAPG patient classification logic for two reasons:

1. To accommodate changes in health care code sets, most importantly the International Classification of Diseases, Version 10, Clinical Modification (ICD-10-CM), the Current Procedural Terminology (CPT), and the Healthcare Common Procedure Coding System (HCPCS). The U.S. Department of Health and Human Services (DHHS) usually does an annual update to the ICD-10-CM code set each October 1. This year, there were also new codes introduced April 1, 2020, and planned for January 1, 2021. The American Medical Association makes its major update to the CPT each January 1 and makes some additional updates quarterly. DHHS updates the HCPCS code set quarterly. 3M releases quarterly updates of the EAPG logic to reflect code set updates made during the year.
2. 3M continually performs research to enhance the clinical precision of the EAPG logic, that is, how patients are classified into one or more EAPGs per ambulatory care visit. These enhancements are implemented each year with the January 1 release.

As shown in Table 1, between October 1, 2019, and January 1, 2021, there is a net increase of 437 ICD-10-CM diagnosis codes, or 0.6%. Table 2 shows a net increase of 47 CPT®/HCPCS codes or 0.3%.

Table 1. Comparison of ICD-10-CM diagnosis codes

	Effective 10/01/2019	Effective 01/01/2021
Total ICD-10-CM diagnosis codes	72,184	72,621
Number of new diagnosis codes	271	496
Number of deleted diagnosis codes	21	59
Number of revised diagnosis codes	30	47
Note: Totals for diagnosis codes includes the April 2020, October 2020, and January 2021 ICD-10-CM diagnosis code updates. The rows for total, new, deleted, and revised compare the October 2019 to January 2021 counts.		

Table 2. Updates to CPT and HCPCS procedure codes

	Effective 1/1/2020	Effective 1/1/2021
Total CPT/HCPCS codes	17,539	17,586
Number of new CPT procedure codes	168	157
Number of deleted CPT procedure codes	71	47
Number of new HCPCS procedure codes	197	115
Number of deleted HCPCS procedure codes	49	178
Note: Totals for CPT® and HCPCS codes include the April, July, and October 2020, and January 2021 code updates. The rows for total, new, and deleted codes compare the January 2020 to January 2021 counts.		

In addition to changes to reflect modifications in the national diagnosis and procedure code sets, 3M is making several enhancements to the clinical logic. In updating the clinical logic, changes have been made to improve the precision of the clinical logic by considering customer recommendations, shifts in coding, changes in practice, and economic cost shifts.

As coding systems are revised, and new technology and advances in medicine occur, the need for new EAPG groups, as well as code assignment changes to EAPG groups, are reviewed and evaluated each year. New EAPG groups may be added, and obsolete groups may be deleted. Modifications occur due to code assignment changes, and groups are reviewed for clinical homogeneity across current industry trends, claim reporting frequency and reimbursement. A comparison table of the EAPG changes between 3.15 and 3.16 is provided in Table 3 below.

Table 3. Comparison of EAPG v3.15 and v3.16

	V3.15 effective 1/1/2020	V3.16 effective 1/1/2021
Number of EAPGs	575	648
Number of new EAPGs	44	59
Number of deleted EAPGs	40	14
Number of revised EAPG titles	122	52
Number of EAPG types	13	13
Number of EAPG categories	55	61
Number of hospital service lines	49	50

Highlights of the changes made to the EAPG grouper field and logic changes are listed below. More detailed information about clinical changes made to EAPGs is provided later in this document.

- New input fields: None
- New output fields:

- New line item output flag for identifying when services are reported with modifier PN, PO, or ER; indicating that the service was provided in an off-campus provider-based department. Since this is just an output flag for payers to refer to for any of their payment policies this output flag is provided for all active versions of EAPG.
- New line item output flag for identifying Unlisted Procedure (CPT/HC`PCS) codes. Since this is just an output flag that payers can refer to, to identify and monitor the reporting of unlisted procedure codes this output flag is provided for all active versions of EAPG.
- Grouper logic changes (Existing Options with new values or modifications):
 - The default setting for the Modifier 59 Options is turned off. This default setting is applicable to 3.16 only. Note that this change significantly increased the number of available claims used for creation of the relative weights. Previously, claims containing modifier 59 were not used in the weights process as there is an override of consolidation; the preference for weight setting is to include claims that do consolidate significant procedures.
 - Added new option setting value “2” (Assign medical visit and observation; do not package observation if 8 or more hours are present” to existing options for “Process Medical Visit with Significant Procedures”. This new option setting value 2 is the default setting in v3.16 for the Process Medical Visit with Significant Procedure Types 21 (Physical Therapy & Rehab), 22 (Behavioral Health & Counseling), 23 (Dental Procedure), 24 (Radiologic Procedure), and 25 (Diagnostic or Therapeutic Procedure). By setting this new value 2 it allows a Medical Visit to pay separately with a Significant Procedure type 21-25. The new value also processes Observation claims by paying separately for both a Medical visit and Observation (EAPG 450) services in the presence of significant procedure types 21-25, if 8 or more hours of observation is reported. For versions prior to 3.16, the default values for the “Process Medical Visit with Significant Procedures” options remain the same. The new Option setting value “2” is being made available for grouper versions 3.12 – 3.15 to manually set, if a payer chooses to do so. **Note:** Although a user may set value 2 to determine EAPG results, the standard observation requirements need to be satisfied in order to not package the observation hours. In circumstances where standard observation requirements are not met (less than 8 hours of observation reported), and the option setting is “2”, the medical visit is assigned but observation services (EAPG 450) continue to be packaged. Nationally recognized observation standards (i.e. Medicare OPPS) deem it appropriate to pay separately for observation only when a patient is under observation for at least 8 or more hours. This standard was used in the requirements of new option value 2 and is required within the logic in order to pay separately in the presence of significant procedures 21-25 regardless of a payers' hourly settings under the Observation Hours option.
 - Added Preventive Diabetes diagnosis code (R73.03) to be applicable to the Preventive Diabetes logic for output of preventive flag; applicable to 3.16 only.
 - Added new Claim Processed Warning flag value 5 (Claim processed as single visit due to single visit claim action revenue code option list) to identify when a claim is processed as a single visit due to the Single Visit Claim Action Revenue Code option settings. This logic is applicable for all versions of EAPG (v3.10-3.16)

- Added new Claim Processed Warning flag value 6 (Claim processed under multiple medical visit option conditions which sets modifier 27 option) to identify claims containing multiple medical visits processed and the modifier 27 option is not enabled. This logic is applicable for all versions of EAPG (v3.10-3.16)
- Added new Claim Processed Warning flag value 7 (Claim processed with observation hours options overridden by process medical visit with significant procedure options requirement of > 8 hours) to identify claims where the "Process Medical Visit With" option is set to 2 and the Observation Hourly Option setting is not set to 2 and 8 or more hours of observation is not present. This logic update is applicable for v3.16 only at default and available for versions 3.12-3.15 if the Process Medical Visit Significant Procedure Options manually sets new option setting value 2: Assign medical visit and observation; do not package observation if 8 or more hours are present.
- Added new Claim Processed Warning flag value 8 (Claim processed as multiple visit due to single visit claim action revenue code option criteria not met) to identify claims that report a revenue code from the Single Visit Claim Action Revenue Code option list, but no HCPCS. Revenue Code Only lines cannot set the claim action flag to 1. This logic update is applied to v3.16 only.
- Updated Single Visit Claim Action Revenue Code logic to set the claim action flag to 1 only if an applicable revenue code is present with a valid HCPCS code. Revenue code only lines cannot set the claim action flag to 1. This logic update is applied to v3.16 only.
- Add new line item unassigned flag (LIUF) value 23 (revenue code only line) to be returned when EAPG 999 is assigned due to a revenue code only line for v3.16 only. A revision to the logic of (LIUF) value 9 (invalid procedure - blank HCPCS) is required to no longer return LIUF 9 in instances of a revenue code only line. If a blank HCPCS is submitted and no revenue code is present, then LIUF value 9 is applied. In the instance of no HCPCS code but a revenue code is present, then LIUF value 23 is applied.
- Update the Observation hours logic (EAPG 450) to sum the hours (units of service) of observation reported when multiple lines of HCPCS G0378 are present on a claim. This logic update is applied to v3.16 only.
- Clinical logic changes:
 - Removed 929 procedures from the Inpatient Only procedure EAPG (993); 657 are added to new EAPGs, and 272 procedures are added to existing EAPGs. There are 20 new EAPGs added as a result of assigning the 657 procedures codes to groupable EAPGs.
 - Reviewed Laparoscopy Surgery procedures (EAPG 145, 145, 147, and 148) for reassignment into anatomical or clinically related EAPGs
 - Major surgery changes for Significant Procedure type 2 procedures, including cardiovascular, musculoskeletal and gastrointestinal procedures
 - New structure for Ophthalmologic category procedures
 - New groups for Opioid Treatment Program services
 - Ancillary EAPG type changes

- Changes to the ancillary standard packaging list
- Changes to pharmacotherapy, therapeutic radiopharmaceuticals, brachytherapy sources and blood product EAPGs
- Medical visit EAPG changes, continuing efforts to align diagnosis code assignment for outpatient visit encounters to those observed in the inpatient setting under DRGs in the APR DRG grouper
- Additional details for all clinical logic changes are provided in the subsequent sections, and may also be viewed in the spreadsheet attachment, “Annual Summary of Changes v3.16”

Diagnosis and Procedure Code Changes

The following number of ICD-10-CM diagnosis codes and CPT/HCPCS procedure codes are added, deleted, or revised, effective 01/01/2021.

Table 4. ICD-10-CM diagnosis code update

Diagnoses	Number of codes
New	6
Deleted	1
Description Revisions	0
Total FY 2020 Diagnoses	72,621

Table 5. CPT/HCPCS procedure code update

Procedures	Number of codes
New	272
Deleted	225
Description Revisions	271
Total 2021 CPT/HCPCS codes	17,586

New, Deleted, and Revised ICD-10-CM diagnosis codes effective 01/01/2021

For a list of new diagnosis codes, see [Annual Summary of Changes attachment](#).

EAPG Changes

For EAPG 3.16, there are 59 new EAPGs, 14 deleted EAPGs, and 52 revised EAPG descriptions. Note that any references to outpatient claims data set in the details substantiating changes in assignment of codes or the development of new EAPGs is associated with the review of source claims from the CMS OPSS CY 2019 data set, which contains a total of 112 million claims.

New EAPGs

Table 6.

EAPG	EAPG Description
55	LEVEL II HIP AND FEMUR PROCEDURES
57	LEVEL III SPINE PROCEDURES
58	LEVEL II SHOULDER AND UPPER ARM PROCEDURES
73	DIAPHRAGMATIC PROCEDURES AND RELATED HERNIA REPAIR
104	MAJOR OPEN CORONARY ARTERY PROCEDURES INCLUDING CABG
105	MAJOR OPEN CARDIAC AND CARDIAC VALVE PROCEDURES
106	MAJOR OPEN ABDOMINAL AND THORACIC VASCULAR PROCEDURES
107	CHOLECYSTECTOMY AND RELATED BILIARY PROCEDURES
108	OTHER INTRA-ABDOMINAL AND INTRAPERITONEAL SURGICAL PROCEDURES
125	LEVEL I ESOPHAGEAL AND GASTRIC SURGICAL PROCEDURES
126	LEVEL II ESOPHAGEAL AND GASTRIC SURGICAL PROCEDURES
127	LEVEL I SMALL AND LARGE INTESTINE SURGICAL PROCEDURES
128	LEVEL II SMALL AND LARGE INTESTINE SURGICAL PROCEDURES
129	ESOPHAGOGASTRIC RESTRICTIVE PROCEDURES AND GASTRIC FUNDOPLICATION
155	LEVEL III BLOOD PRODUCT EXCHANGE SERVICES
156	OCULAR IMAGING AND RELATED SERVICES
157	REPRODUCTIVE PATHOLOGY TESTS
158	PATHOLOGY CONSULTATION AND INTERPRETATION
177	MINOR DERMATOLOGY SERVICES
247	LEVEL I CORNEAL AND OTHER ANTERIOR SURFACE EYE PROCEDURES
248	LEVEL II CORNEAL AND OTHER ANTERIOR SURFACE EYE PROCEDURES
258	LEVEL I EYELID, LACRIMAL AND CONJUNCTIVAL PROCEDURES
259	LEVEL II EYELID, LACRIMAL AND CONJUNCTIVAL PROCEDURES
264	MAJOR CRANIOTOMY AND CRANIECTOMY SURGICAL PROCEDURES
265	PERCUTANEOUS INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES
266	OPEN INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES
267	OTHER CRANIOTOMY PROCEDURES INCLUDING CRANIOPLASTY
268	CRANIAL AND SPINAL SHUNT PROCEDURES
276	PROCEDURES FOR REVISION OR REMOVAL OF NEUROSTIMULATOR DEVICES
305	LEVEL I SURGICAL PATHOLOGY TESTS
306	LEVEL II SURGICAL PATHOLOGY TESTS

EAPG	EAPG Description
466	CLASS XIV COMBINED CHEMOTHERAPY AND PHARMACOTHERAPY
518	BACTERIAL AND TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM
519	NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM
538	HEAD TRAUMA WITH LOC/COMA MORE THEN 1 HR
539	INTRACRANIAL HEMORRHAGE
558	MALFUNCTION, REACTION, OR COMPLICATION OF OCULAR DEVICE OR PROCEDURE
566	MALFUNCTION, REACTION, OR COMPLICATION OF OTOLARYNGOLOGIC DEVICE OR PROCEDURE
583	MALFUNCTION, REACTION, OR COMPLICATION OF PULMONARY DEVICE OR PROCEDURE
584	ACUTE BRONCHITIS
586	PULMONARY EMBOLISM
587	RESPIRATORY FAILURE
608	ACUTE AND SUBACUTE ENDOCARDITIS
642	GASTROINTESTINAL VASCULAR INSUFFICIENCY
715	DIABETES WITH VASCULAR COMPLICATIONS INCLUDING FOOT AND OTHER SKIN ULCERS
729	ACUTE KIDNEY INJURY
812	VIRAL MENINGITIS
832	INTENTIONAL SELF-HARM AND ATTEMPTED SUICIDE
867	ENCOUNTERS FOR CONTACT WITH HEALTH SERVICES
883	ALTERATION IN CONSCIOUSNESS
2020	NONINVASIVE VENTILATION SUPPORT
2061	LEVEL I BLOOD PRODUCTS
2062	LEVEL II BLOOD PRODUCTS
3033	INGUINAL, FEMORAL AND UMBILICAL HERNIA REPAIR
3035	ABDOMINAL HERNIA REPAIR
3050	TRANSPLANT PROCEDURES
4001	EMERGING TECHNOLOGY PROCEDURES
4010	LEVEL I OPIOID TREATMENT PROGRAM SERVICES
4011	LEVEL II OPIOID TREATMENT PROGRAM SERVICES

Deleted EAPGs

Table 7.

EAPG	EAPG Description
65	RESPIRATORY THERAPY
139	HERNIA REPAIRS
143	LEVEL I GASTROINTESTINAL PROCEDURES
144	LEVEL II GASTROINTESTINAL PROCEDURES
145	LEVEL I LAPAROSCOPY
146	LEVEL II LAPAROSCOPY
148	LEVEL III LAPAROSCOPY
149	SCREENING COLORECTAL SERVICES
232	LASER EYE PROCEDURES
236	LEVEL III ANTERIOR SEGMENT EYE PROCEDURES
240	LEVEL I REPAIR AND PLASTIC PROCEDURES OF EYE
326	OPIOID TREATMENT PROGRAM SERVICES
351	LEVEL II ADJUNCTIVE GENERAL DENTAL SERVICES
568	TRAUMATIC INJURIES

Revised EAPGs

Table 8.

EAPG	EAPG Description
25	LEVEL I SHOULDER AND UPPER ARM PROCEDURES
27	LEVEL I HIP AND FEMUR PROCEDURES
66	PULMONARY REHABILITATIVE SERVICES
84	CARDIAC CATHETERIZATION PROCEDURES
113	LEVEL I BLOOD PRODUCT EXCHANGE SERVICES
114	LEVEL II BLOOD PRODUCT EXCHANGE SERVICES
217	LEVEL I PERIPHERAL NERVE PROCEDURES
218	LEVEL II PERIPHERAL NERVE PROCEDURES
223	LEVEL I NEUROSTIMULATOR AND RELATED DEVICE IMPLANTATION
224	LEVEL II NEUROSTIMULATOR AND RELATED DEVICE IMPLANTATION
225	OTHER INTRACRANIAL NEUROSURGERY PROCEDURES
229	MINOR AUDIOMETRY TESTS AND AUDIOLOGY SCREENING SERVICES

EAPG	EAPG Description
230	MINOR OPHTHALMOLOGICAL PROCEDURES AND DIAGNOSTIC SERVICES
233	CATARACT AND OTHER INTROCUAR LENS PROCEDURES
234	LEVEL I ANTERIOR CHAMBER EYE PROCEDURES
235	LEVEL II ANTERIOR CHAMBER EYE PROCEDURES
237	LEVEL I INTRAVITREAL, RETINAL AND OTHER POSTERIOR CHAMBER EYE PROCEDURES
238	LEVEL II INTRAVITREAL, RETINAL AND OTHER POSTERIOR CHAMBER EYE PROCEDURES
239	EXTRAOCULAR MUSCLE PROCEDURES
241	OCULAR RECONSTRUCTIVE PROCEDURES W OR W/O OCULAR DEVICE
269	LEVEL II ANCILLARY THERAPEUTIC SERVICES
286	MAMMOGRAPHY AND OTHER RELATED PROCEDURES
310	DEVELOPMENTAL AND NEUROPSYCHOLOGICAL TESTING
322	MEDICATION ADMINISTRATION AND OBSERVATION
350	ADJUNCTIVE DENTAL SERVICES
373	LEVEL I DENTAL IMAGING
374	LEVEL II DENTAL IMAGING
412	ANCILLARY RESPIRATORY THERAPY AND OTHER PULMONARY TESTS AND SERVICES
419	ANCILLARY OPHTHALMOLOGY OR OPTOMETRY SERVICES
420	ELECTRONIC ANALYSIS FOR CARDIAC, NEUROLOGICAL AND OTHER DEVICES
476	LEVEL I RADIATION TREATMENT PREPARATION AND PLANNING
477	LEVEL II RADIATION TREATMENT PREPARATION AND PLANNING
478	LEVEL III RADIATION TREATMENT PREPARATION AND PLANNING
527	PERIPHERAL, CRANIAL AND AUTONOMIC NERVE DIAGNOSES
528	ANOXIC AND OTHER SEVERE BRAIN DAMAGE OR COMA
532	HEAD TRAUMA WITH OR WITHOUT LOC/COMA LESS THAN 1 HR
561	VERTIGO AND OTHER LABYRINTH DISORDERS
562	INFECTIONS OF UPPER RESPIRATORY TRACT AND OTITIS MEDIA
617	GASTROINTESTINAL HEMORRHAGE AND RELATED POSTPROCEDURAL HEMORRHAGE DIAGNOSES
634	MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS
641	HEPATIC COMA AND MAJOR ACUTE LIVER DIAGNOSES
647	FRACTURES, DISLOCATIONS, OTHER INJURIES - UPPER EXTREMITY INCLUDING SHOULDER
656	FRACTURES, DISLOCATIONS, OTHER INJURIES OF THE NECK, UPPER BACK AND CHEST
663	PAIN RELATED DIAGNOSES
711	DIABETES WITH OTHER MANIFESTATIONS AND COMPLICATIONS
720	CHRONIC KIDNEY DISEASE

EAPG	EAPG Description
726	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS
806	INTRAOPERATIVE, POST-OPERATIVE OR POST-TRAUMATIC INFECTIONS AND COMPLICATIONS
807	FEVER AND OTHER INFLAMMATORY CONDITIONS
851	POISONING OR TOXIC EFFECTS OF MEDICINAL AGENTS
860	EXTENSIVE 3RD DEGREE OR FULL THICKNESS BURNS
861	PARTIAL THICKNESS BURNS

EAPG category changes

Due to a clinical review of either the new or existing EAPG groups, 5 new EAPG Categories are being added to improve classification to the type of services assigned in each respective EAPG group.

Table 9. EAPG categories added

v3.16 EAPG Category	V3.16 EAPG Category Description
28	Transplant procedures
29	Thoracic and chest procedures
31	Hepatobiliary procedures
32	Blood products
33	Other diagnostic or therapeutic procedures

The following EAPG groups are assigned to one of the 5 newly added EAPG categories.

Table 10. EAPG groups added to new categories

v3.16 EAPG	v3.16 EAPG Description	V3.16 EAPG Category
3050	TRANSPLANT PROCEDURES	28-Transplant procedures
69	LEVEL I THORACIC AND CHEST PROCEDURES	29-Thoracic and chest procedures
70	LEVEL II THORACIC AND CHEST PROCEDURES	29-Thoracic and chest procedures
107	CHOLECYSTECTOMY AND RELATED BILIARY PROCEDURES	31-Hepatobiliary procedures
138	LEVEL I ERCP AND RELATED ENDOSCOPIC PROCEDURES	31-Hepatobiliary procedures
151	LEVEL I HEPATOBILIARY AND PANCREAS PROCEDURES	31-Hepatobiliary procedures

v3.16 EAPG	v3.16 EAPG Description	V3.16 EAPG Category
152	LEVEL II HEPATOBILIARY AND PANCREAS PROCEDURES	31-Hepatobiliary procedures
153	LEVEL II ERCP AND RELATED ENDOSCOPIC PROCEDURES	31-Hepatobiliary procedures
2061	LEVEL I BLOOD PRODUCTS	32-Blood products
2062	LEVEL II BLOOD PRODUCTS	32-Blood products
4001	EMERGING TECHNOLOGY PROCEDURES	33-Other diagnostic or therapeutic procedures

The following existing EAPG groups have had a modification in EAPG category assignment for v3.16.

Table 11. EAPG groups with category modifications

EAPG	EAPG Description	v3.15 EAPG Category	V3.15 EAPG Category Description	v3.16 EAPG Category	v3.16 EAPG Category Description
69	LEVEL I THORACIC AND CHEST PROCEDURES	5	Cardiovascular procedures	29	Thoracic and chest procedures
70	LEVEL II THORACIC AND CHEST PROCEDURES	5	Cardiovascular procedures	29	Thoracic and chest procedures
138	LEVEL I ERCP AND RELATED ENDOSCOPIC PROCEDURES	7	Gastrointestinal system procedures	31	Hepatobiliary procedures
151	LEVEL I HEPATOBILIARY AND PANCREAS PROCEDURES	7	Gastrointestinal system procedures	31	Hepatobiliary procedures
152	LEVEL II HEPATOBILIARY AND PANCREAS PROCEDURES	7	Gastrointestinal system procedures	31	Hepatobiliary procedures
153	LEVEL II ERCP AND RELATED ENDOSCOPIC PROCEDURES	7	Gastrointestinal system procedures	31	Hepatobiliary procedures
325	PREVENTION COUNSELING	77	Preventive Medicine Services	23	Other ancillary tests and procedures
869	AFTERCARE, MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE INJURIES	59	Diseases and disorders of the musculoskeletal system and connective tissue	75	Rehabilitation, aftercare, other factors influencing health status and other health services

EAPG service line changes

Each year, EAPG service lines are reviewed in accordance to the outpatient setting as well as compared to the APR DRG service line assignments for consistency, if clinically appropriate. From this review, 26 EAPG groups have had a change in service line assignment. These Service line changes are reflected in the table below and can also be found in the attachment on the tab: EAPG_LIST_SERVICE_LINE_MOD.

Table 12. EAPG groups with Service line modifications

EAPG	EAPG Description	v3.15 Service Line	V3.15 Service Line Description	V3.16 Service Line	V3.16 Service Line Description
5	NAIL PROCEDURES	2	General Surgery	9	General Medicine
72	TRACHEOSTOMY AND RELATED TRACHEAL PROCEDURES	4	Pulmonary	2	General Surgery
130	ALIMENTARY TESTS AND TUBE INSERTION OR PLACEMENT	11	Gastroenterology	2	General Surgery
209	OTHER GYNECOLOGICAL PROCEDURES	42	Gynecology	17	Gynecological Surgery
263	THYROID AND PARATHYROID PROCEDURES	5	Otolaryngology Surgery	2	General Surgery
532	HEAD TRAUMA WITH OR WITHOUT LOC/COMA LESS THAN 1 HR	18	Neurology	19	Neurological Surgery
576	OTHER RESPIRATORY SYSTEM DIAGNOSES	9	General Medicine	4	Pulmonary
580	MAJOR CHEST AND RESPIRATORY TRAUMA	9	General Medicine	52	Cardiothoracic Surgery
581	PULMONARY INFECTION DIAGNOSES INCLUDING PNEUMONIA	4	Pulmonary	9	General Medicine
582	INTERSTITIAL AND ALVEOLAR LUNG DIAGNOSES	4	Pulmonary	9	General Medicine
585	AFTERCARE, OPEN WOUNDS AND OTHER TRAUMATIC INJURIES	9	General Medicine	2	General Surgery
596	PERIPHERAL AND OTHER VASCULAR DIAGNOSES	7	Cardiology	9	General Medicine
598	ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS	7	Cardiology	53	Vascular Surgery
599	HYPERTENSION	7	Cardiology	9	General Medicine
605	SYNCOPE AND COLLAPSE	7	Cardiology	9	General Medicine
631	HERNIA	11	Gastroenterology	2	General Surgery

EAPG	EAPG Description	v3.15 Service Line	V3.15 Service Line Description	V3.16 Service Line	V3.16 Service Line Description
638	CHOLECYSTITIS	11	Gastroenterology	2	General Surgery
648	FRACTURES, DISLOCATIONS AND SPRAINS OF THE SKULL, CRANIUM AND FACE	38	Orthopedics	19	Neurological Surgery
654	OSTEOMYELITIS, SEPTIC ARTHRITIS AND OTHER MUSCULOSKELETAL INFECTIONS	38	Orthopedics	44	Infectious Disease
660	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES	38	Orthopedics	49	Rheumatology
690	MALNUTRITION, FAILURE TO THRIVE AND OTHER NUTRITIONAL DIAGNOSES	39	Endocrinology	9	General Medicine
694	ELECTROLYTE DISORDERS	39	Endocrinology	9	General Medicine
721	KIDNEY AND URINARY TRACT MALIGNANCY	50	Nephrology	28	Oncology
740	MALE REPRODUCTIVE SYSTEM MALIGNANCY	14	Urology	28	Oncology
869	AFTERCARE, MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE INJURIES	38	Orthopedics	6	Rehabilitation
874	AFTERCARE FOR JOINT REPLACEMENT	38	Orthopedics	6	Rehabilitation

EAPG type changes

Over the past few years, in our observation of claims in the data set for how outpatient services are reported, it is clear that there are significant changes required to the type classification for EAPG groups in order to improve the packaging or bundling of services for constructing efficient payment. Many services designated as a significant procedure type 2, 21, 22, 23, 24 or 25 have been changed to an ancillary type 4 as they are recognized as either a routine or supportive diagnostic or therapeutic service that is not necessarily significant, but supportive to the patient’s diagnosis or major procedure or therapeutic service performed. There is a total of 19 EAPGs that had a type change from a significant procedure type to an ancillary type.

In considering major or significant surgical procedures, we are reserving type 2 for those events and classifying less significant surgical, diagnostic or therapeutic procedures to type 25. There is a total of 18 EAPGs that had a type change from significant procedure type 2 to type 25 and only 1 EAPG that has been changed from a type 25 to 2.

Overall, 38 EAPG groups had type changes, the list for which can be found in the attachment, tab “EAPG_LIST_TYPE_MOD”.

Listed below are some of the EAPGs with type changes to ancillary EAPGs that appeared most frequently in the data set, total ancillary type changes represent approximately 3.5% of outpatient encounters reporting these ancillary EAPGs.

Table 13. EAPG groups with ancillary type changes

EAPG	v3.15 Type	v3.16 Type	v3.16 Counts	EAPG Ver3.16 Description	Service Line	Packaging List
288	24	4	3,345,386	LEVEL I DIAGNOSTIC ULTRASOUND	24-Diagnostic Radiology	
289	24	4	2,137,242	LEVEL II DIAGNOSTIC ULTRASOUND	24-Diagnostic Radiology	
286	24	4	1,800,523	MAMMOGRAPHY AND OTHER RELATED PROCEDURES	24-Diagnostic Radiology	
291	24	4	1,281,113	BONE DENSITY AND RELATED PROCEDURES	24-Diagnostic Radiology	
80	25	4	1,087,459	EXERCISE TOLERANCE TESTS	07-Cardiology	Yes
66	21	4	761,192	PULMONARY REHABILITATIVE SERVICES	06-Rehabilitation	
60	25	4	733,234	PULMONARY FUNCTION TESTS	04-Pulmonary	Yes
213	25	4	278,815	NERVE AND MUSCLE TESTS	18-Neurology	
5	2	4	225,060	NAIL PROCEDURES	09-General Medicine	Yes
257	25	4	163,446	AUDIOMETRY	23-Otolaryngology	Yes
420	25	4	69,476	ELECTRONIC ANALYSIS FOR CARDIAC, NEUROLOGICAL AND OTHER DEVICES	07-Cardiology	
251	25	4	28,529	OTORHINOLARYNGOLOGIC FUNCTION TESTS	23-Otolaryngology	Yes
322	22	4	19,133	MEDICATION ADMINISTRATION AND OBSERVATION	25-Behavioral Health	

Unassigned EAPG changes

Inpatient only procedures

EAPG 993 INPATIENT ONLY PROCEDURES