

3M™ Ambulatory Potentially Preventable Complications (AM-PPCs) Grouping Software

- Identifies potentially preventable complications that can occur following an ambulatory procedure using sophisticated grouping logic
- Provides a more complete capture of potentially preventable complications and serves as a more complete basis for ambulatory-based quality initiatives and outcomes-based payment
- Enables insight to the quality of ambulatory procedures, so that more informed quality improvement efforts can be initiated and public report cards established

The 3M advantage

3M AM-PPCs identify 93 procedure groups representing roughly 2,900 procedures, and 35 complication groups representing 1,200 complications. The software allows you to look closely at procedures and complications by specific procedure, condition, service line, provider and facility, providing insight into incentives and interventions that can help improve patient safety.

3M AM-PPCs can benefit:

- Operations
- Outpatient quality
- Value-based care coordinators
- Population health programs

The challenge:

Quality and safety for outpatient procedures

Patient safety is a priority for every health care organization. The challenge is to balance quality of care with fiscal responsibility, which has led to the emergence of outcomes-based payment models and more public reporting.

Every year more and more procedures shift from the inpatient setting to outpatient facilities or ambulatory surgical centers and the trend will continue. Quality oversight for procedures in these settings, and current measures for patient safety are limited, and do not provide comprehensive evaluation or identify complications.

Complications directly impact resource utilization and may frequently be associated with unnecessary follow-up visits, emergency department visits and even new inpatient admissions. But the impact of complication rates goes beyond payment and efficiency. Complications affect patient safety and satisfaction too.

Avoidable complications of outpatient care contribute to unnecessary health care costs and can take a physical and emotional toll on the patient. Although not all complications are preventable, excess complications can be reduced if we can clearly identify and respond to them early.

Controlling costs while improving quality

3M AM-PPCs were developed to address the existing gap in assessing quality of outpatient care and to provide actionable data as part of standard outputs.

- 3M AM-PPCs are the first comprehensive quality outcomes system for hospital outpatient department (HOPD)/ambulatory service center (ASC) procedures.
- 3M AM-PPCs provide national benchmarks against performance by sites, service lines, physicians and procedures for reducing variation and targeting poorer outcomes.
- 3M AM-PPCs apply to most procedures performed in the ambulatory setting.
- By addressing a comprehensive list of 2,900 procedures and 1,200 complications, 3M AM-PPCs can provide a broad view or a focused analysis as needed. Using its clinical insights into complications, health care providers can identify root cause and focus resources on priorities.

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The 3M solution

3M AM-PPCs provide insights on patient safety areas with the greatest opportunity for quality and excess cost improvement. For payers and providers, 3M AM-PPCs provide a fair, age-adjusted basis for comparing service lines, hospital outpatient procedures, ambulatory surgery centers and physicians to develop insights and incentives to reduce complications and improve care.

Key benefits

- Quickly adapt to the delivery of care to help improve patient safety by automating tracking and reporting of complication rates
- Help reduce waste by pinpointing complication rates by procedure, facility or surgeon that exceed the expected norm
- Deliver cost effective care and build patient safety and satisfaction

3M AM-PPCs can be used to compare different metrics defined by public and commercial payers as well as patient safety organizations. It can also be used to monitor costs associated with complications and the progress of savings from the reduction in AM-PPC rates.

Product features:

- Supports a traditional batch process and can operate standalone or networked on a Microsoft® Windows®-based PC
- Offers preference settings
- Creates an ASCII-formatted output file for upload to another computer system for reporting and analysis
- Generates a patient-level report that can be directed individually to a printer or appended to a file
- Uses an open, transparent methodology
- Delivers expert support to assist providers with implementation and timely software updates

3M AM-PPCs analysis

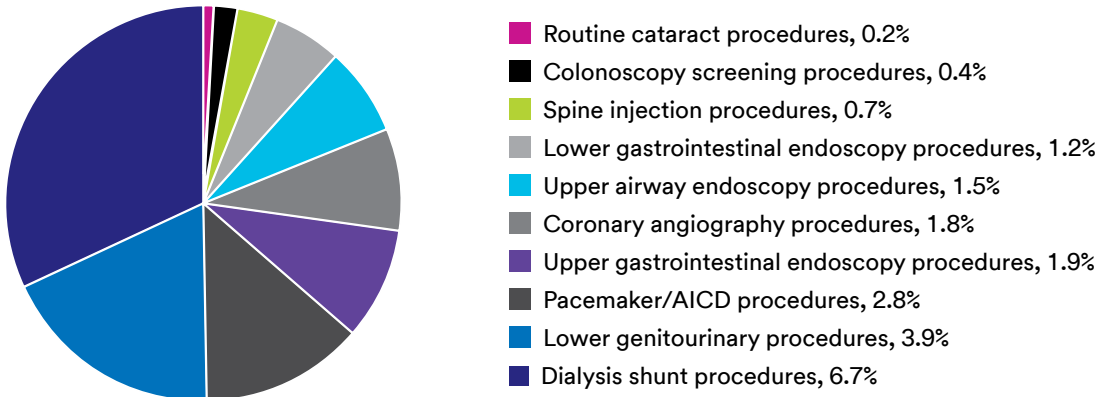
The following table provides the top three procedure groups that resulted in the highest and lowest rate of complications observed within subsequent inpatient admissions and emergency department visits.*

Top 3 procedure groups with highest 3M AM-PPC rate		
PSG	PSG description	3M AM-PPC rate
87	Hepatobiliary procedures	20.0%
12	Hip arthroplasty revision procedures	14.0%
95	Upper genitourinary catheter (percutaneous) procedures	13.2%
Top 3 procedure groups with lowest 3M AM-PPC rate		
PSG	PSG description	3M AM-PCC rate
2	Hand and wrist arthroscopy procedures	0.1%
111	Strabismus and extraocular muscle procedures	0.1%
103	Routine cataract procedures	0.2%

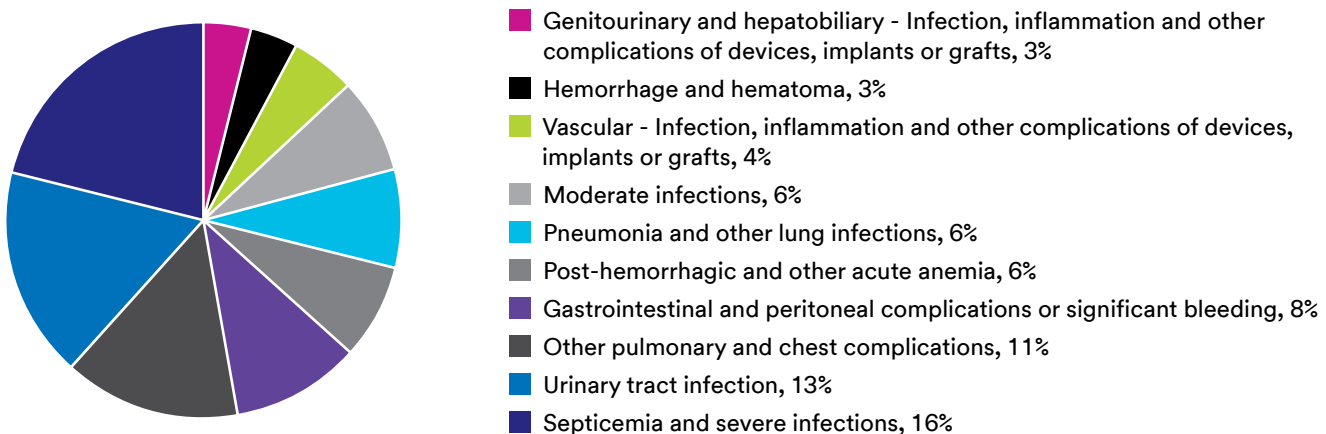
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The first graph below provides the top 10 most frequent procedures performed and the AM-PPC rate of complications observed within subsequent inpatient admissions and emergency department visits. The second graph below provides the top 10 most frequent complications, by AM-PPC group, observed within subsequent inpatient admissions and emergency department visits.*

3M AM-PPC rates for top 10 most frequent procedures



Top 10 most frequent complication by 3M AM-PPC group



*Analysis conducted by 3M using National Medicare Data from 2019-2020 and State Medicaid Data Statistics from 2018-2021.

Call today

For more information on how 3M software and services can assist your organization, contact your 3M sales representative, call us toll-free at **800-367-2447**, or visit us online at **www.3M.com/his**.



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