3M™ Potentially Preventable Complications (PPC) Grouping Software

- **Identifies potentially preventable inpatient complications using sophisticated clinical grouping logic**
- **Guides outcomes-based payment and patient safety initiatives**
- **Enables accurate reporting of complications for public report cards and quality improvement efforts**

The 3M advantage

The 3M Potentially Preventable Complications (PPC) Grouping Software uses administrative claims data—including the present on admission, or POA, indicator—to identify more than 60 different groups of potentially preventable complications.

The software allows you to look closely at complications and their costs by specific incident, condition, service line, provider and facility, providing insight into incentives and interventions that can help improve patient safety.

The challenge: Balancing cost, quality and safety

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

Increasingly, payment initiatives are linking inpatient complications such as infections and medical errors to reimbursement, as with the Medicare payment adjustment for hospital-acquired conditions (HACs) and similar commercial models.

Complications directly impact resource utilization and are frequently associated with longer lengths of stay. But the impact of complication rates goes beyond payment and efficiency. Complications affect patient safety and satisfaction, too, as reflected in public reports and patient survey results.

Bottom line: Avoidable complications of inpatient care contribute to unnecessary healthcare costs and human suffering. And although not all complications are preventable, excess complications can be reduced if you can clearly identify and respond to them.

Prevent complications without complication

The 3M PPC Grouping Software applies clinical logic to review complications that occur during a hospital stay. The software identifies conditions not present on admission and determines whether the conditions were potentially preventable given patient characteristics, reason for admission, clinical procedures, and interrelationships between underlying medical conditions.

3M PPC Grouping Software considers a broad group of more than 60 distinct infections and medical errors that include, but are not limited to:

- Hospital-acquired infections (HAIs) and Medicare hospital-acquired conditions (HACs)
- Medicaid healthcare-acquired conditions (HCACs)
- Other patient safety indicators and additional conditions of interest
- Additional medical and surgical complications, such as gastrointestinal and obstetrical complications, strokes, bleeding and medical device failures

By addressing a comprehensive list of complications, 3M PPC Grouping Software can provide a broad view or a focused analysis, as needed. Using its clinical insights

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into complications, healthcare providers can initiate root cause analysis and focus resources on the areas with the greatest opportunity for improvement. For payers, 3M PPC Grouping Software provides a fair, risk-adjusted basis for comparing hospitals and physicians and developing incentives to reduce complications.

Key benefits

- Quickly adapt the delivery of care to improve patient safety
- Focus resources effectively, reducing waste
- Create payment incentives for providers with lower PPC rates
- Deliver cost-effective care and build patient satisfaction

The 3M PPC Grouping Software 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 PPC rates.

Flexible, easy integration

As a module of three flexible batch processing tools—the **3M™ Core Grouping Software, 3M™ Grouper Plus Content Services** and **3M™ Grouper Plus System**—the 3M PPC Grouping Software can be integrated into a provider's information system. Bundled with the **3M™ Population-focused Preventables Software** and the **3M™ Potentially Preventable Readmissions (PPR) Software**, it becomes part of 3M's solutions for potentially preventable events (PPEs) that can help with potentially avoidable hospital admissions, readmissions, ancillary services and ED visits.

Best of all, the 3M PPC methodology uses 3M's proprietary **3M™ APR DRG Classification System** to risk adjust data for case mix and severity of illness. This allows actual and expected PPC rates to be compared across sites or physicians.

3M PPCs: Covering complications

The 3M PPC grouping methodology defines more than 60 mutually exclusive complication groups (or PPCs) based on similarities in clinical presentation and clinical impact. The 3M PPC categories include:

Category	# of PPC groups
Cardiovascular, respiratory complications	12
Gastrointestinal complications	4
Perioperative complications	8
Infectious complications	6
Malfunctions, infections from devices; reactions	9
Obstetrical complications	8
Extreme complications	6
Other medical and surgical complications	12

Product features

- Supports a traditional batch process and can operate standalone or networked on a Microsoft® Windows®-based PC
- Offers preference settings, including POA mapping to the national POA indicators
- 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
- Provides an interactive user interface for looking at one claim at a time (within the 3M Core Grouping Software)

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.3Mhis.com**.

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