



Solventum™ Ambulatory Potentially Preventable Complications (AM-PPCs) Classification System

- Uses sophisticated grouping logic to provide a more complete view of potentially preventable complications that can occur following an ambulatory procedure
- Enables insight into the quality of ambulatory procedures to support informed quality improvement efforts and public quality reporting
- Provides a foundation for value-based care initiatives in the expanding ambulatory market

Supporting outpatient safety

U.S. News & World Report publishes Best Hospitals rankings to provide information about quality outcomes to the public. Historically focused primarily on inpatient measures, *U.S. News & World Report* recently began using Solventum AM-PPCs to account for outpatient procedural safety. As of the 2024-2025 Best Hospitals rankings, Solventum AM-PPCs are used in the analysis of Orthopedics, Urology and Ear, Nose & Throat specialty rankings, the Prostate Cancer Surgery rating and the Gynecological Cancer Surgery rating.



The challenge: Tracking ambulatory complications

More procedures have been shifting from the inpatient setting to outpatient facilities or ambulatory surgery centers (ASCs), and the trend is likely to continue. Quality oversight for procedures in these settings and current measures for patient safety are limited and do not provide comprehensive evaluation or meaningful insight into procedure complications.

Complications directly impact resource utilization and may frequently be associated with unnecessary follow-up visits, emergency department (ED) visits and even new inpatient admissions. But the impact of complication rates goes beyond costs and efficiency – most importantly, complications can affect patient safety and satisfaction. Although not all complications are preventable, excess complications can be reduced if they can be clearly identified and responded to proactively.

The solution: Improving patient safety while reducing excess costs

Developed to address the existing gap in assessing quality of outpatient care, Solventum AM-PPCs are the first comprehensive quality outcomes methodology for hospital outpatient departments (HOPD), ASCs and clinic or office-based procedures. This methodology applies to most elective or non-emergent procedures performed in the ambulatory setting and provides actionable data as part of standard outputs. By addressing a comprehensive list of 2,900 procedures and 1,200 complications, Solventum AM-PPCs can provide a broad view or a focused analysis as needed. Healthcare providers can leverage the methodology's clinical insights into complications to identify root causes and focus resources on priorities.



Benefits

- **Help improve patient safety and satisfaction** by enabling your organization to identify and proactively address improvement opportunities
- **Drive reporting efficiency and performance transparency** by enabling the tracking of complication rates in the ambulatory setting
- **Reduce waste and deliver cost effective care** by pinpointing complication rates that exceed the expected norm by procedure, facility or care provider
- **Support reputation management** by comparing metrics defined by public and commercial payers as well as patient safety organizations



Features

- Traditional batch process can operate standalone or networked on a Microsoft® Windows®-based PC
- Preference settings
- American Standard Code for Information Interchange (ASCII)-formatted output file can be uploaded to another computer system for reporting and analysis
- Patient-level reports can be generated and directed individually to a printer or added to a file
- Open, transparent methodology
- Expert support can assist providers with implementation and timely software updates

The power of integration

Solventum AM-PPCs can be licensed and accessed by organizations using any of these solutions:

- Solventum™ 360 Encompass™ System helps take revenue cycle efficiency and accuracy to the next level by integrating computer-assisted coding (CAC), computer-assisted clinical documentation integrity (CDI), quality metrics, auditing and analytics into one platform. Leverage existing Solventum 360 Encompass interfaces within Solventum™ Enterprise Analytics dashboards to view Solventum AM-PPC insights on current data, performance and variation metrics.
- Solventum™ Grouper Plus Content Services (GPCS) provides up to date, secure access to grouping, reimbursement, editing and pay for outcomes classifications. The content can be embedded within many different workflows. With cloud-based Solventum GPCS, organizations can access Solventum AM-PPCs with reduced maintenance and information technology (IT) support than required by on-premises solutions.
- Solventum™ Core Grouping Software (CGS) delivers interactive and batch claims processing with grouping, editing and reimbursement content at its core. The software classifies patients, evaluates the accuracy and completeness of clinical data, identifies potential errors and calculates expected reimbursement.
- Solventum™ Data-to-Action (DTA) Solution enables users to submit administrative claims, member eligibility and provider data for processing and receive back purpose-driven enriched content within data extract files. Data is enriched with Solventum AM-PPCs as well as other methodologies and additional propriety data. Data extract files are designed to work with an organization's existing tools, and programs are returned as customer deliverables.
- Solventum™ Methodology Content Services (MCS) include the support of healthcare experts who guide you through implementing Solventum AM-PPCs and using data to gain insight into performance. They also help integrate the data in a way that aligns with your organization's program objectives, such as understanding your patient population and quality of care. Solventum MCS is backed by more than a decade of expertise in developing, implementing and optimizing grouping methodologies and classification systems.
- Solventum™ Coding Audits Services help organizations maintain compliance and coding quality. The scope of services includes the review of medical records for coding accuracy, proper sequencing of diagnoses and procedures, proper Solventum AM-PPC and Medicare Severity Diagnosis Related Groups (MS-DRG) assignment and ICD-10-CM/PCS. This is followed by an executive summary conference with a detailed report and focused coding education related to the results of the review.

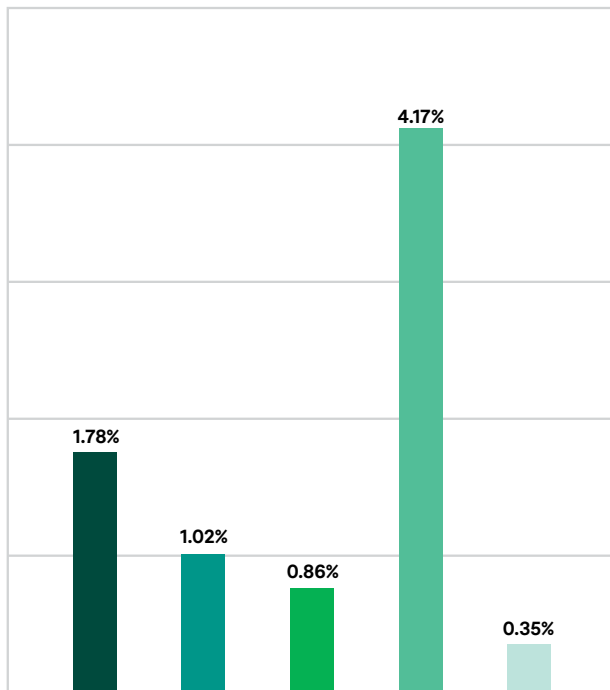
Solventum AM-PPC analysis

To provide visibility into potentially preventable complications and share the type of insights Solventum AM-PPCs can offer, these charts show potentially preventable complications observed within subsequent inpatient admissions and ED visits.*

Top three high volume procedure subgroups (PSG) (>100,000 cases) with highest Solventum AM-PPC rates *n=12,307,131*

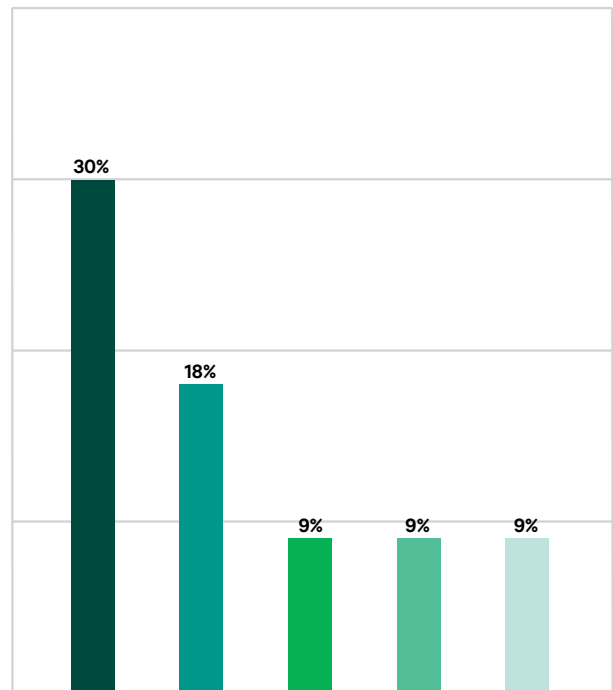
PSG	PSG description	# procedures	Solventum AM-PPC rate
58	Peripheral vascular access – tunneled and PICC	126,237	8.10%
94	Upper genitourinary stent and guidewire procedures	210,938	7.57%
160	Percutaneous dialysis access and other circuit interventions	105,418	6.09%

Top five most frequently performed procedures and Solventum AM-PPC rate



- Upper gastrointestinal endoscopy procedures
- Lower gastrointestinal endoscopy procedures
- Spine injection procedures
- Lower genitourinary procedures
- Routine cataract procedures

Top five most frequent complications by Solventum AM-PPC group



- Septicemia
- Pneumonia
- Gastrointestinal complications/hemorrhage
- Cellulitis
- Urinary tract infection

*Analysis conducted by Solventum using national Medicare data from 2021-2022



Contact Solventum today

For more information on how our software and services can assist your organization, contact your Solventum sales representative, call us at 800-367-2447, or visit us online at [Solventum.com](https://www.solventum.com).



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