



## 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 elective outpatient procedures to support informed improvement efforts and public reporting
- Provides a foundation for specialist and outpatient facility value-based care initiatives

### Nationally recognized in advancing 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 measure outpatient procedural safety for certain specialties and procedures.



## The challenge: Lack of visibility into ambulatory procedure outcomes

Advances in technology and care delivery have enabled more surgeries and interventions to be performed in ambulatory settings. The ability to monitor outcomes in these environments, however, has not kept pace. Most quality measures and patient safety initiatives remain focused on inpatient care, leaving outpatient procedures under-evaluated. Without robust, standardized methods to track complications after elective outpatient procedures and same-day surgeries, many adverse events go undetected, particularly after the patient leaves the care setting. This lack of visibility can lead to missed complications, resulting in delayed care, unnecessary emergency department (ED) visits, unplanned admissions, care variation and higher costs. More importantly, it can compromise patient safety and undermine trust in healthcare delivery.

While not all complications are preventable, many can be identified and mitigated if systems are in place to monitor patients post-discharge. Currently, those systems are often absent or fragmented, but the growing prevalence of outpatient care necessitates a comprehensive approach to quality measurement.

## The solution: Monitoring and benchmarking ambulatory procedure quality

To address the existing gap in assessing the quality of outpatient procedures, the clinically designed, risk-adjusted Solventum AM-PPCs Classification System identifies potentially preventable complications occurring within 30 days of elective ambulatory procedures. The system links patient procedure encounters to subsequent reports of complications, including sepsis, postoperative distress, bleeding or device infections. Solventum AM-PPCs present these outcomes based on the care settings in which complications present; this gives healthcare organizations the visibility needed to understand ambulatory procedure outcomes and direct performance improvement efforts to address significant patient safety concerns and unnecessary costs, particularly those leading to ED visits and inpatient admissions.



## Benefits

- **Enhance patient safety** by strengthening procedure and recovery strategies
- **Reduce costs and unwarranted variation** by targeting high-risk procedures and complications
- **Improve operational efficiency** by streamlining quality reporting and minimizing manual review
- **Support equity and accountability** by using risk-adjusted benchmarks for fair, transparent comparisons
- **Enable better decisions** with actionable insights to drive care improvement and public reporting



## Features

- 3,380+ elective procedures clinically classified into 116 procedure groups
- 1,920+ unique complications classified into 70 clinically meaningful groups
- 17 service lines evaluated
- Benchmarks for actual to expected comparisons
- Flexible complication tracking windows of 7, 15 and 30 days
- Option to track complications related to chronic condition exacerbations
- Open, transparent methodology
- Expert support available for 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™ 360 Encompass™ 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 less maintenance and information technology (IT) support than what is 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 data extract files with purpose-driven, enriched content in return. 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 Group (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 insights

The tables and visuals below illustrate notable variations in complication rates across elective ambulatory procedures and service lines, emphasizing the most prevalent complications within 30 days that result in ED visits and inpatient admissions. This analysis was conducted by Solventum using national Medicare data from 2021, 2022 and 2023.

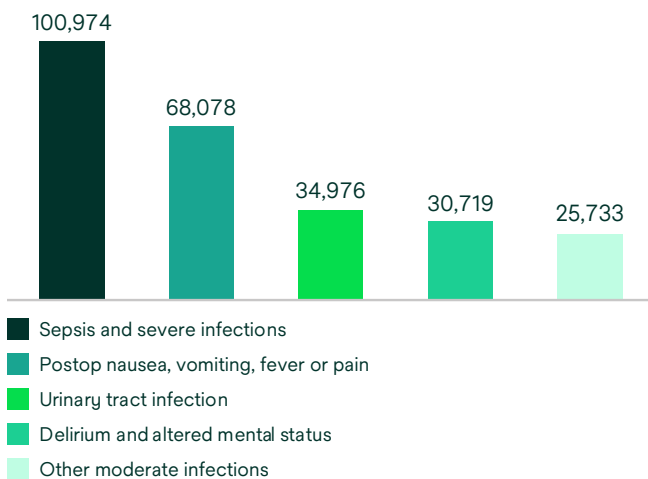
Solventum AM-PPCs can help organizations identify their own high-impact areas — enabling targeted clinical reviews, data-driven quality improvement initiatives and efficient resource allocation.

## Complication rates vary by procedure from routine to high risk (>10,000 cases)

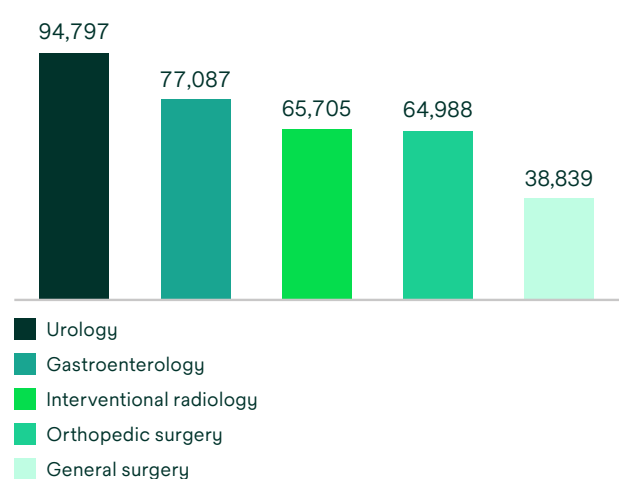
Five procedure subgroups (PSGs) with highest complication rates		Five PSGs with lowest complication rates	
Percutaneous placement of upper genitourinary (GU) catheter	19.5%	Routine cataract procedures	0.53%
Cystostomy and open urinary tract procedures	18.7%	Fine needle aspiration biopsy	0.59%
Percutaneous hepatobiliary procedures	13.4%	Anterior chamber eye procedures	0.61%
Percutaneous change/removal of upper GU catheter	13.2%	Eyelid, lacrimal and conjunctival procedures	0.71%
Percutaneous thrombectomy of dialysis circuit	11.5%	Breast biopsy and localization procedures	0.79%

## Key service lines and complications contributing to the highest incidence of adverse events

Top five complications by volume



Top five service lines by complication volume



## 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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