

# QA IN PACU

Bridging the Healthcare Performance Gap

## BUILDING YOUR DEPARTMENT'S QUALITY CONTINUUM

A healthy quality program has three critical components. These include quality assurance, quality improvement and performance improvement. Together, they are collectively known as the quality continuum.

Just as every healthcare organization needs to have a healthy quality continuum if it is to be operationally and financially successful in meeting the needs of its patients and communities, every department needs to have an effective continuum if it is to be what it needs to be for the organization. A strong quality continuum helps an organization in living up to the expectations of the people who count on it to meet their needs for access to great patient care.

Some of the important members of the healthcare team are those clinically-oriented departments that are directly involved in the delivery of patient care. While they are key members of the team, it is also important to recognize that they could not be as effective in their roles if it were not for the contributions of the non-clinical members of the team.

The post anesthesia care unit is one of the clinical departments that plays a very important role in assuring high quality patient care, patient safety and a strong reputation for the hospital. It makes a major contribution to

the management of a patient's clinical condition through the safe management of patients requiring anesthetics and surgical intervention.

The PACU, surgical and anesthesia departments control some of the most important safety considerations for a patient today—safety in the surgical center. These very important departments control the safety of the patient and life functions when a patient is in a compromised condition. It helps to set the policies, procedures and practices that protect patients from harm. This aspect of patient care goes a long way in controlling a number of patient encounters that impact the patient experience. (See the on-line module titled *Building the Patient Experience*.)

Patient safety is a very important concern in today's healthcare environment. With the proliferation of surgical interventions, the risk for hospital acquired infection, and the very complex multidisciplinary environment that is only becoming more complex with each passing day, PACU has some pretty big responsibilities. Some of

the important contributions made by this department include:

1. The prevention of post-operative complications and high risk events while the patient is recovering from the effects of anesthesia.
2. The prevention of hospital-acquired infections.
3. The stability of critical bodily functions in a highly compromising situation for the patient.
4. The mitigation of risk factors through the proactive identification and management of critical patient variables.

In addition to the control of the safe management of the patient in the PACU setting, this department plays an important role in the continuum of care as the patient transitions from the surgical setting to alternate inpatient and outpatient care settings. As you review the enclosed list of quality assurance activities for which PACU has primary responsibility, one can appreciate just how important this department's role is as a member of the healthcare team.

*A healthy quality continuum allows our people to know that:*

1. *they are in control of their futures;*
2. *their efforts make a difference, and*
3. *that they are part of creating something better for tomorrow than what already exists today.*

*They come to appreciate the contributions they make in meeting the mission and creating the vision of the organization.*



## SO WHAT IS QUALITY!

Quality in healthcare encompasses the ability of an organization or provider to make patients feel very well cared for at the same time they are making them feel deeply cared about. When patients define quality, these are the two things that they repeatedly say they are looking for. For health care's customers, these seem like pretty easy requests and they are becoming less and less tolerant when providers don't get them right.

In today's healthcare environment, quality is about making people feel safe in an environment where they can also feel that they are receiving state-of-the-art care from people who are on top of those variables that could place them in harm's way. Safety is a pretty broad term for patients as it ranges from a sense of feeling physically safe in the environment to feeling that they are receiving the very best care that can be delivered by people who genuinely care about the outcomes that their actions lead to. They also want to feel informed and in control of their patient experience.

For the people in the PACU, quality

means the diligent management of factors that have a high potential of risk for patients in a highly compromised physical condition and in a manner consistent with current standards of practice that is sensitive to patient needs to feel safe. The healthcare system is pretty complex and often difficult for experienced healthcare professionals to understand. For the average patient, it is commonly a trip into the twilight zone. The user-friendliness that a healthcare provider can drive into the patient experience can go a long way in building healthy relationships with patients and communities.

The average patient can not actually judge the quality of the patient care they receive to a level that creates a genuine level of comfort. They can not determine if the battery of tests being ordered by the physician are truly the best tests or if the treatment and drugs are truly the best interventions. Because they need some measures that help them to feel good about their choices, they tend to rely heavily on pseudo-measures of quality.

Pseudo-measures are measures that patients and family members can judge more easily because they are familiar with what they are and what they should look like if quality exists. The most common pseudo-measures in healthcare have traditionally been cleanliness, friendliness, physical appearance, physical safety, quality of the food and the perception of teamwork. Factors that impact the patient's perception of safety are taking on an important role as a very influential pseudo-measures. If these pseudo-measures convey a sense of quality, people assume that there is a pretty good chance that the quality of the clinical care is good also.

The measure of quality for people looking to health care is found in the attention to details that they observe. The more attention to details that they witness in pseudo-measures, the more comfortable they are that the same attention is given to the details of direct patient care. Great reputations are not built on being average. They are built on reaching well beyond average and paying close attention to the details that convey a message that providers take their roles in the delivery of great care seriously.

## WORKING WITH YOUR QA CALENDAR

The quality assurance calendar is a tool that helps a department to organize and manage its quality assurance and compliance-related activities in a way that reduces resource consumption and the risk of falling behind (see the PACE Workbook on *Working with Your Quality Calendar*). Historically, healthcare organizations have not utilized highly structured systems to collectively organize and manage their quality assurance or compliance-related activities. The lack of such a system has been one of the major contributing factors in prompting healthcare organizations to find themselves in trouble on surveys and having to put an inordinately large number of resources into ongoing efforts to maintain the basics.

Quality and compliance inside health care does not just happen. They are activities that need to be managed. As one looks at the list of compliance and quality assurance-related activities on the following pages, it is obvious how easy it would be to overlook something or get behind if you do not have a system that allows you to manage them.

As most of these activities are time

sensitive, once they don't happen it is impossible to make them up. For example, if accurate and critical information is not collected prior to surgery a serious post-operative complicating factor for patient safety could be overlooked. If emergency medication supplies are not checked and maintained to adequate levels, timely intervention in a critical situation could be delayed.

As the healthcare industry continues to become more complex and more and more is asked of our people, systems like the quality calendar can help to better manage activities as it becomes increasingly necessary to find ways of doing more with fewer resources. The answer is not in working harder. It is in working smarter and the quality assurance calendar is a tool that can help department managers to do that.

Some important points in using your calendar are:

1. Only schedule activities that must be done on a Monday for that day. Mondays tend to be bad days in healthcare organizations because of the many issues that spill over from

the weekend. As most legal holidays fall on Mondays, it is the one day of the week that prompts people to more easily get behind because things from the holiday must be pushed to Tuesday.

2. Similarly, it is best if you minimize the number of flexible activities that need to be done on a Friday because that is generally the day that people are pushing to get things done for the weekend. It is also the most common day that people request off to have a long weekend.
3. Try to always set the schedule up so that compliance related activities never consume more than two hours in a given day for any one person. This is one of the reasons that a calendar is so helpful. It allows you to plan and balance things out. Most people can plan to commit up to two hours of the day to designated activities. They can also tend to find time to make those activities happen even on a day when there seems to be one crisis after another.
4. Try to always set the schedule so that



# CREATING YOUR QA CALENDAR!

The topics in the tables on the next pages list out the common quality assurance or compliance type activities that could be found on a QA calendar for PACU. Some may not apply to all organizations and others may need to be added as compliance standards are dependent on the services offered. Please review these tables to determine which topics are important to your calendar and then follow the instructions in the PACE training workbook titled *Working with Your Quality Calendars* to build your calendar. Please note that health care is a very dynamic industry and constantly subject to change. The completeness of the list and frequency recommendations in these tables should be regularly checked against those established by federal, state and local regulatory agencies.

	QA Accountability	Frequency
1	Attire in the PACU	Continuous
2	Handwashing—CDC Guidelines	Continuous
3	Standard precautions	Continuous
4	Transmission-based precautions (isolation precautions)	As appropriate to patient
5	Care of immunosuppressed patients	Per policy and procedure
6	Care of patients with Methacillin Resistant Staphylococcus Aureus (MRSA)	Per policy and procedure
7	Management of accidental blood or body fluid exposure/contamination	Per policy and procedure
8	Asepsis	Continuous as appropriate to patient
9	Event-related shelf life—sterile storage	Continuous
10	FIFO for supplies and medications	Continuous
11	Patient identification	For every patient contact
12	High alert medication management	Per policy and procedure
13	Medication reconciliation/verification	Per policy and procedure
14	Double check before Heparin administration	Per policy and procedure
15	Concentrated electrolyte solution/medication administration safety	Per policy and procedure
16	Visitors in the PACU	Per policy and procedure
17	Controlled drug management	Per policy and procedure
18	Controlled drug count	Per policy and procedure
19	Disposal of controlled substances/ controlled substance patches	Per policy and procedure
20	Titrating medications	Per policy and procedure
21	Range orders for medications	Per policy and procedure
22	Pediatric dosing	Per policy and procedure
23	Pharmacist order verification	Per policy and procedure
24	Standing orders	Per policy and procedure with annual review
25	Medication ordered STAT	Per policy and procedure
26	Emergency medication accessibility and management	Per policy and procedure
27	Programmable pumps for the administration of continuous IV Heparin	Per policy and procedure
28	Patient controlled analgesia	Per policy and procedure
29	Use of multidose vials	Per policy and procedure
30	Six rights	Per policy and procedure
31	Safe medication practices	Per policy and procedure
32	Hand off communication	Per policy and procedure

# CREATING YOUR QA CALENDAR!

	QA Accountability	Frequency
33	Use of clinical alarms on medical equipment	Continuous
34	Malignant hyperthermia cart	Continuous
35	PACU scoring guidelines	For every patient
36	Care of patients with implanted electronic devices	Per policy and procedure
37	Pain assessment, reassessment and management	For every patient
38	Care of latex sensitive patients	Per policy and procedure
39	Abbreviation compliance	Continuous
40	Timing and dating of all orders and entries	With every order and medical record entry
41	Transfer/transport of surgical/recovery patients	Per policy and procedure
42	Waived testing	Per policy and procedure
43	Medication storage and access in the PACU environment	Per policy and procedure
44	Look-a-like/sound-a-like drug precautions	Per policy and procedure
45	Allergic reaction management	With every allergic reaction
46	Reportable event management	With every reportable event
47	Sterile compounding protocol	With every compounding
48	Telephone/verbal order management	With every order
49	HIPAA compliance	Continuous
50	Security of medications	Per policy and procedure
51	24 hour call coverage	Continuous
52	Asepsis	Continuous
53	Emergency crash cart security and accountability	Continuous
54	Emergency crash cart validation	Daily
55	Defibrillator validation	Daily
56	Safety protocols for oxygen rich atmospheres	Per policy and procedure
57	Compressed gas and oxygen storage	Per policy and procedure
58	Legibility of medical record	Continuous
59	Post anesthesia Care Unit record form	For every patient per policy and procedure
60	Pre and post anesthesia evaluation	For every patient
61	Criteria for notifying anesthesiologist	Per policy and procedure
62	Post anesthesia orders	Per policy and procedure
63	Blood/blood component administration in the PACU	Per policy and procedure
64	Endotracheal suctioning and tube care	Per policy and procedure
65	Oxygen administration	Per policy and procedure
66	Availability of privileging lists for each practitioner with privileges for surgery/PACU	Continuous
67	CPR/ATLS certification	Continuous
68	Monitoring of vital signs	Per policy and procedure
69	Maintenance of fluid/electrolyte balance	Per policy and procedure
70	Prevention of tubing/catheter misconnection	Per policy and procedure

# CREATING YOUR QA CALENDAR!

	QA Accountability	Frequency
71	Discharge criteria	Per policy and procedure
72	Traffic patterns in PACU	Per policy and procedure
73	Patient allergy identification and communication	Per policy and procedure
74	PACU logbook	For every PACU patient
75	Management of recordings, tracing and other images	Per policy and procedure
76	Advanced directives	Per policy and procedure/per directives
77	Emergency case management after hours	Per policy and procedure
78	Monthly radiation exposure monitoring	Per policy and procedure
79	Warning cabinet temperature/content control	Continuous
80	Medical device reporting and tracking	Per policy and procedure
81	Medical device recall	Per policy and procedure
82	Electrosurgical unit safety	Per policy and procedure
83	Intra-operative documentation	Per policy and procedure
84	Post surgical documentation	Per policy and procedure
85	Student/preceptorship roles in the PACU	Per policy and procedure
86	Patient consent for student/preceptorships in the PACU	Per policy and procedure
87	Medication refrigerator temperature checks	Daily
88	Service contract review	Annually
89	Service contract renewal	Annually or on term
90	New chemical training	Before use
91	Secure MSDS and assure appropriate precautions	Before new chemical use
92	Employee right-to-know MSDS training	On orientation before chemical use and annually
93	Separation of patient care and cleaning chemicals	Continuous
94	Flooring integrity	Continuous
95	Ceiling tile integrity	Continuous
96	Baseboard integrity	Continuous
97	Surface washability	Continuous
98	Air filter changes	Per policy and procedure
99	Temperature control	Per policy and procedure
100	Humidity control	Per policy and procedure
101	Annual fire safety training	Annually
10	Annual general safety training	Annually
103	Annual infection control training	Annually
104	Staff certification for special equipment management and skills	Before expiration
105	Annual policy and procedure review	Annually
106	Employee training on new/revised policies and procedures	On creation of or revision of policy or procedure
107	Ergonomics compliance	Continuous
108	PPE compliance	Continuous
109	Sharps box management	Continuous





# KEEPING PACE WITH TODAY'S STANDARDS

Quality assurance or compliance-related activities are extremely important in a healthcare organization because they are generally related to safety and can have a significant impact on patient satisfaction. They frequently involve precautionary steps taken by an organization to prevent an untoward event and to be prepared in the event of a disaster or break in the routine that could place people or the organization in harm's way.

For example, while providers hope they will never need them, there are many precautionary activities that healthcare organizations need to be skilled at in the event there is a fire. They need to know that we have a strong plan to protect people in the event of a natural disaster. These are also important activities for departments such as the PACU because they often need to play a very important role in life-saving stabilization activities. The moment of crisis is not the time to be determining what the department's contribution should be.

Healthcare organizations also need to know that the day-to-day risk is reduced for people who come into their buildings and the organization. They need to know that the organization is in compliance with current principles of anesthesia management. They need to know that general safe medication practices are followed.

Too often healthcare organizations find themselves at risk because they become complacent about quality assurance related activities. As so many of the activities are precautionary in nature and many organizations view them as routine for regulatory compliance, it is very easy for an organization to elect to take short cuts or overlook striving for 100% compliance. The danger is in the fact that an organization can't make it up to a patient or a community member or employee when its failure to stay current negatively affects any one of them. If its reputation in the community is damaged, it may never recover.

Proactive compliance is significantly less resource intensive than running to catch up. Developing a corrective action plan in response to a Medicare Condition of Participation survey is never the best way to achieve compliance. Working to overcome the damage created by a negative outcome is definitely more expensive and resource intensive than ensuring the negative outcome could not happen. As the saying goes, "an ounce of prevention is more valuable than a pound of cure." This

is particularly true in health care where the cost of a negative outcome can be particularly steep. A well structured quality assurance program inside the quality continuum can provide for that ounce of prevention to protect an organization.

The majority of the compliance standards for the PACU relate to general patient safety. This is a very big area of responsibility

where compliance is critical. When any of these areas of responsibility

fall out of compliance it is important to bring them back into line as soon as possible.

Because of the magnitude of some of the responsibilities, retrospectively trying to fix them can be a nightmare in addition to placing patients and the organization at risk because of non-compliance. For example, the failure to recognize significant patient allergies can result in patient harm. Failure to appropriately management important patient safety protocols can result in regulatory compliance investigations and fines as well as patient harm. Failure to monitor physiological responses related to patient conditions and co-morbidities can result in untoward patient events. Proactively dealing with issues through prevention can reduce resource consumption by as much as 25-33%. Every minute appropriately spent on planning (such as the creation of a balanced QA calendar) can save 10 minutes in execution time.

Historically, healthcare organizations have had poor systems for managing and documenting quality assurance related activities. Too often those systems for managing these activities have existed in the minds of our managers. While the mind is a very powerful place, the stresses of today's healthcare environment make it a poor stand-alone tool in creating the kind of efficiency and effectiveness we need. As a result, too many things end up being retrospectively repaired rather than proactively managed. The quality calendar system is an approach to proactive activity management. If the average anesthesia department is able to reduce time and/or resource consumption by an average of 33% because it uses tools to improve its efficiency and effectiveness, it can

find itself capable of managing more with less in a less stressful environment. This is an important goal in today's healthcare environment. It also reduces the amount of time spent on crisis management which is one of the industry's greatest threats to resources.

When a quality assurance or compliance activity goes out of compliance, it is a department's responsibility to bring that

QA Calendar

	Frequency	Responsible Party	Jan	Feb	March	April	May	June
Narcotic count	Every Day	Mike	SK OK	SK OK	SK QI	SK OK	SK OK	SK OK

activity back into compliance as quickly as possible in a way that will hold the compliance. The department needs to document the steps it took to achieve that compliance and the ongoing activities to monitor it.

The first step is to set up the quality assurance calendar with all of the compliance-oriented activities that are important to the organization. Once the list is complete, the manager, with the assistance of his or her departmental team, defines when each activity is to be completed along with who will be responsible for it. (Remember the stronger the team approach, the greater the potential for success and the more that can be achieved with fewer resources.) As long as activities remain in compliance the only documentation that is necessary is to complete the required log for the activity and to indicate an OK on the calendar. When an activity moves out of compliance, a department should be able to demonstrate that it has quickly moved through the steps of the PACE cycle. Documentation should demonstrate that it quickly identified the issue (moving the issue to its quality improvement calendar), PLANNED to re-establish compliance, ACTED to initiate the plan, CHECKED to make sure that the plan achieved the designed results and ENHANCED the plan to achieve the best outcomes possible. Once compliance is re-established and a short period of more intensive monitoring demonstrates compliance, the department can return to its normal schedule of monitoring as defined by the calendar.

The calendar should be evaluated each year as part of the annual review of services to determine needed additions and revisions that would increase departmental efficiency in achieving continuous compliance.





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*Success has a price tag on it, and it reads  
COURAGE, DETERMINATION,  
DISCIPLINE, RISK TAKING,  
PERSEVERENCE, and  
CONSISTENCY—doing the right  
THING for the RIGHT REASONS and  
not just when we feel like it.*

*James B. Menton*

*The Future Starts with a Strong Today!*

Building a strong reputation and future for a healthcare organization starts with building a strong today. In many ways it is like building a new building. If you don't start out with a sound foundation it becomes increasingly difficult to build a structure that can be as tall as you would like or that can withstand the various elements that place stress on it. When the foundation isn't strong, you frequently find yourself having to put additional resources into shoring it up and to apply patches where necessary. You also tend to find yourself having to monitor it more closely every time the structure is placed under stress to make sure it will hold up. A healthy quality assurance program is about making sure a healthcare organization has a strong foundation on which to build tomorrow and the future. If an organization is constantly struggling to maintain compliance with today's standards, the activities steal valuable time and resources away from efforts that could be used to build a healthier tomorrow. Given the strain on today's healthcare resources, providers need to ensure that they are getting the most they can from what they have. They need to make sure that quality lives today so it is easier to build a better tomorrow.

## BRINGING IT ALL TOGETHER

A healthy quality program is about making sure that our organizations are being true to the business of health care. That business is the delivery of high quality patient care in an environment that makes our patients and communities feel well cared for and deeply cared about. It is about making sure that our organizations are healthy and strong for today, tomorrow and into the future.

The quality program creates the structure to support the creation and implementation of the many systems that (1) ensure that our organizations and patient care services are what they need to be to make our organizations strong for today, (2) continuously work to improve and meet the changing needs of tomorrow as technological advancements continue to reshape the delivery of patient care, and (3) bring the strategic plan and vision of an organization to life while holding true to the mission and values of the organiza-

tion. A healthy quality program is about much more than making sure that our organizations are meeting the expectations of outside regulators and the many external customers that enter our doors every day.

The mission defines why our healthcare organizations exist. The vision defines where we picture our organizations to be at some point in the future if the organization is to remain strategically positioned for success while it remains true to its mission and values. Our values define those behaviors we hold to be important to every day life if we are to remain true to our missions (who we are).

It can be very easy for these important messages to become fluff and pie-in-the-sky words that only raise more doubt and questions if people can not see the path that brings them to life. A healthy quality program provides that path by creating

the structures and systems that make proactive change possible.

The mission, vision and values of an organization come to life when they are successfully married together through the organization's quality program and strategic planning activities. These two activities create the environment for the creation of a culture for quality where patients feel well cared for and deeply cared about while healthcare providers have the potential to feel good about their contributions in improving the quality of life for the public that entrusts them with their care.

