Original article

Medicolegal analysis of 100 malpractice claims against bariatric surgeons

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Abstract

**Background:** Very few studies have addressed malpractice litigation specific to bariatric surgery. This study was designed to analyze litigation trends in bariatric surgery to prevent further lawsuits and improve patient care.

**Methods:** A total of 100 consecutive bariatric lawsuits were reviewed by a consortium of experienced bariatric surgeons and an attorney specializing in medical malpractice.

**Results:** Of the 100 lawsuits, 45% were reviewed for defense attorneys. The mean patient age was 40 years (range 18–65), 75% were women, 81% had a body mass index of <60, 31% were diabetic, and 38% had sleep apnea. Of the surgeons, 42% had <1 year of experience, and 26% had done <100 cases. Although 69% of the physicians were members of the American Society of Bariatric Surgery, only 22% had detailed consent forms. The surgical procedures were performed between 1997 and 2005 and included Roux-en-Y gastric bypass (78% total, 33% open), and 43% laparoscopic), vertical banding gastroplasty (3%), minigastric bypass (6%), biliopancreatic diversion/duodenal switch (4%), and revision (9%). Of the 100 cases, 32% involved an intraoperative complication, and 72% required additional surgery. The most common adverse events initiating litigation were leaks (53%), intra-abdominal abscess (33%), bowel obstruction (18%), major airway events (10%), organ injury (10%), and pulmonary embolism (8%). From these injuries, 53 patients died, 28% had a full recovery, 12% had a minor disability, and 7% had major disabilities. Evidence of potential negligence was found in 28% of cases. Of these cases, 82% resulted from a delay in diagnosis and 64% from misinterpreted vital signs.

**Conclusions:** This study found that leaks and delayed diagnosis were the most common cause of litigation. Even experienced bariatric surgeons should understand the most common errors made by others to prevent complications and avoid litigation. (Surg Obes Relat Dis 2007;3:60–67.) © 2007 American Society for Bariatric Surgery. All rights reserved.

**Keywords:** Malpractice; Gastric bypass; Lawsuit; Morbid obesity; Surgery; Bariatric surgery

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Although malpractice litigation involves all specialties in medicine, certain specialties, such as neurosurgery, obstetrics, pediatrics, cardiology, and cardiac surgery, appear to carry the brunt of malpractice litigation. Bariatric surgery is also generally perceived as a high-liability risk specialty because complications that precipitate lawsuits are thought...
more likely to occur in severely obese patients for many reasons. Severely obese patients typically have severe co-morbidities that predispose to complications [1–4]. The operations are complex, containing significant potential for technical failure. Timely diagnosis and recognition of complications can be delayed by the confounding physical attributes of the severely obese patient. Diagnostic equipment such as computed tomography scanners are often unavailable because few are able to accommodate patients of significant weight. Inadequate surgeon training, a byproduct of rapid growth and high demand during the past 8–10 years, has also been incriminated as a factor leading to increased complications [5]. Yet, despite bariatric surgery existing under the public microscope for the past 5 years, very few studies regarding medical malpractice in bariatric surgery have been published [6].

The intent of the present study was to acquire information from a significant number of bariatric surgery malpractice claims to form the basis for strategies to prevent complications, reduce malpractice litigation, and, most importantly, improve patient care. The specific aim was to characterize malpractice claims in bariatric surgery with respect to the type of complications leading to a lawsuit and the type of alleged errors by the surgeon, physicians, hospital staff, and/or hospital administration. We (representing a consortium of experienced bariatric surgeons and an attorney experienced in bariatric surgery malpractice) also attempted to identify patient or surgeon factors that could have contributed to the filing of the suit.

Methods

The members of a consortium of experienced bariatric surgeons reviewed 100 consecutive legal cases that were referred by plaintiff or defense counsel for expert opinion regarding negligence on behalf of the treating physicians or the treating hospital. Each expert possessed >5 years of experience in bariatric surgery and/or had completed >1000 bariatric operations. Case data related to patient (plaintiff) demographics, surgeon characteristics (training, experience), the alleged complications, alleged errors, patient outcome, and potential of negligence were collected from the medical records and depositions supplied by plaintiff and defense counsel. The data were entered into a database (Excel, Microsoft, Seattle, WA) and then analyzed to determine the most common types of complications, errors, and negligence, as well as the potential of negligence. The occurrence of negligence was determined by the presence of four conditions, all of which must have been present: (1) duty to treat, (2) occurrence of harm, (3) breach in standard of care management, and (4) causality (i.e., a breach in the standard of care more probably than not caused the harm). At submission of this report, the final legal outcomes (dismissal, settlement, jury decision) were available for only a minority of cases; thus, the final case disposition data have not been presented.

Results

General

All cases reviewed occurred in 25 states, including Pennsylvania, West Virginia, Utah, Michigan, Georgia, Texas, Rhode Island, Nebraska, Missouri, Virginia, North and South Carolina, Florida, Maryland, Montana, Iowa, Illinois, Washington DC, New York, New Jersey, Ohio, Colorado, California, Oregon, and Washington, from June 1997 to February 2005. The mean interval time between the incident and the expert review was 25 months. Of the 100 cases, 55% were referred by plaintiff attorneys and 45% by defense attorneys. In 94 cases, the primary surgeon was the main party of the suit; some suits specifically targeted other parties such as other surgeons (associates and covering surgeons; 15%), nonsurgeons, including medical specialists and radiologists (11%), nursing staff (5%), other caregivers (5%), and resident trainees (4%). In 45% of the suits, the hospital was generally targeted.

Roux-en-Y gastric bypass (RYGB) was the most common surgical procedure (78%) performed. Of these, 45% were laparoscopic RYGB and 33% were open RYGB (Fig. 1). The remainder included “minigastric bypass” (6%), bilioenteric diversion/duodenal switch (4%), vertical banded gastroplasty (VBG) (3%), and revisional bariatric operations (VBG to RYGB; 9%). Minigastric bypass is a laparoscopic gastric bypass procedure using a long narrow gastric pouch with a loop gastrojejunostomy [7,8].

![Types of Operations (N=100)](image)

Fig. 1. Breakdown of bariatric litigation cases by procedure type with laparoscopic gastric bypass (Lap GBP) and open gastric bypass (open GBP) representing 78% of reviewed cases. BPD-DS = bilioenteric diversion/duodenal switch; VBG = vertical banded gastroplasty.
Fig. 2. Intestinal leaks (53%) represented most common adverse patient event initiating litigation, followed by intra-abdominal abscess (33%), bowel obstruction (18%), airway events (10%), organ injury (10%), and pulmonary embolism (8%).

Patient (plaintiff) and surgeon (defense) characteristics

The mean patient age was 40 years (range 18–65), 75% were women, 81% had a body mass index of <60, 31% were diabetic, and 38% had sleep apnea. Of the primary surgeons, 42% had <1 year of experience performing bariatric operations, 26% had performed <100 cases, and 38% of surgeons had performed >300 cases. For 69% of the surgeons, a general surgery residency was their only formal training; 29 surgeons had completed fellowships (laparoscopic and/or bariatric surgery) and 2 had completed a focused 4–6-week training experience in laparoscopic bariatric surgery.

Complications (incidents)

The most common adverse patient events initiating litigation were intestinal leak (53%), intra-abdominal abscess (33%), bowel obstruction (18%), major airway events (18%), organ injury (10%), and pulmonary embolism (8%; Fig. 2). Of the events that initiated litigation, 69% had occurred on the day of operation, 32% had occurred intraoperatively, 8% had occurred on postoperative day 1–3, and 23% had occurred within a wide range (postoperative days 4–192). The overall outcomes in this series of 100 legal cases were death (53%), major disability (7%), minor disability (12%), and near full recovery (28%; Fig. 3).

In 52 cases, direct evidence was found of an intestinal leak after laparoscopic RYG (52%), open RYG (30%), and VBG or revisions (18%) that was identified, on average, 4.9 ± 4.2 days (range 0–18) after surgery. The most common site was the gastrojejunostomy or gastric pouch (44%), followed by jejunoejunostomy (18%), gastric remnant (18%), duodenum (5%), and other, including the stomach during VBG, or various sites of the small intestine (12%). The dominant allegation of negligence was a delay in diagnosis (60%). A slight majority of primary surgeons (54%) involved with the leaks had <1 year of experience in bariatric surgery. The patient outcomes included death (60%), disability (22%), and full recovery (28%).

Intra-abdominal abscess was the second most common complication (33%) in this series and was identified, on average, 12 days (range 3–192) after surgery. The source or cause of the abscess was rarely identified but was presumed to be a leak in most cases. Similar to leaks, the dominant allegation of negligence was a delay in diagnosis (60%). Similarly, 58% resulted in death, 12% in disability, and 30% in full recovery.

Intestinal obstruction (18%) was the third most common complication, occurring on average 6.3 days (range 1–84) after surgery. Bowel obstruction was commonly associated with other complications, including intestinal leaks (28%) and aspiration (17%). Five of the obstructions resulted from internal hernias, including four at the jejunojejunostomy mesenteric defect and one at Peterson’s defect. Four obstructions resulted from the mistaken attachment of the bilipancreatic limb to the gastric pouch and attachment of the distal limb in an end-to-side fashion to the bilipancreatic limb, so-called Roux-en-O. In addition, two obstructions resulted from bowel herniation at ventral hernia sites that were not repaired at the original operation and two obstructions resulted from bowel herniation at port sites that were not closed at the original procedure. Negligence was thought to be potentially present in 33% of the intestinal obstructions cases. A delay in diagnosis was the most common cause of alleged negligence (61%). Patient outcomes included death (39%), disability (28%), and full recovery (33%).

Pulmonary and airway events occurred in 10% and included aspiration and endotracheal tube dislodgement. Most of the pulmonary-related events, especially aspiration, resulted from primary complications such as anastomotic leak (n = 3), bowel obstruction (n = 5), missed enterotomy (n = 1), and oversewing (n = 1). Potential negligence was thought to be present in 50%. The mortality rate was high, with 70% resulting in death, 10% in disability, and 20% in full recovery.

Fig. 3. Overall outcomes of 100 legal cases. Death resulted in 53% of cases, major disability in 7%, minor disability in 12%, and near-full recovery in 28% of reviewed cases.
Organ injury accounted for 10% of claims and 40% occurred intraoperatively. Most of the surgeons (80%) with organ injury were experienced, having performed >100 cases. Most of the cases (80%) of organ injury were managed by a surgeon other than the primary surgeon. The specific injuries included missed enterotomies (small bowel in 3, esophagus in 1, and stomach in 1), small bowel ischemia requiring resection (n = 2), spleen injury (n = 2), and pancreas injury (n = 1). Of the organ injuries, 90% required reoperation for diagnosis and repair. Potential negligence was present in 30%. Patient outcomes for organ injury included death (30%), disability (40%), and full recovery (30%).

Pulmonary embolism occurred in 8 patients in this series an average of 8 days (range 3–16) after surgery. Of these 8 patients, 50% had a body mass index >60 kg/m², and 50% of the pulmonary emboli occurred in association with an anastomotic leak. All claims of negligence were related to a delay in diagnosis and inadequate prophylaxis. Potential negligence was thought to be present in 38% of the cases reviewed. Although the least common of the major complications in this series, pulmonary embolism had the greatest mortality rate (88%), and only 1 of the 8 patients recovered.

"Dropped baton phenomenon"

In 15% of the cases, it was noted that the primary surgeon had left town or transferred coverage immediately before the occurrence of a complication. In each case, it was noted that a delay in diagnosis and treatment occurred and was thought to be related either to poor communication between surgeons and/or inadequate training or familiarity on the part of the covering surgeon. This phenomenon has been likened to runners at relay race who fumble the transfer of the baton, resulting in a dropped baton, which almost always brings defeat—hence the term “dropped baton.”

Other potential precipitating factors

Although in none of the cases was the lack of informed consent a primary allegation, only 22% of the cases had detailed, bariatric-specific, consent forms. Patients were noncompliant with perioperative management recommendations in 23% of cases, but in only 19% of these cases did the noncompliance have a perceived effect on the patient outcome. The patients’ dietary habits potentially contributed to complications in 7% of the cases. Twelve percent of the patients were noncompliant in adhering to return visits for follow-up. In 2 cases, unconfirmed fraudulent billing was alleged and may have been a factor precipitating the lawsuit. Finally, 15% of the charts reviewed had inappropriate documentation by the staff or attending surgeon.

Negligence

In the opinion of the expert reviewers, evidence of potential negligence was found in 28% of the 100 legal cases. The designation of potential negligence, as opposed to negligence, was preferred by us, because many of the cases had not yet completed discovery or gone to trial. The most common cause of negligence was considered to be a delay in diagnosis of an intestinal leak or abscess (82%). In the vast majority of cases involving a delay in diagnosis, misinterpretation of vital signs (64%) was the most common surgeon error. Most notable was the error in failing to recognize sustained tachycardia as an early sign of peritonitis. The misinterpretation of other studies, including upper gastrointestinal contrast studies, abdominal computed tomography, and chest radiography, accounted for the remainder. A technical error in the performance of the operation was noted in only 8% of the cases.

Discussion

Medical malpractice litigation pertaining to bariatric surgery is not new and has been around since the first bariatric procedures were performed in the 1950s. Recently, however, the bariatric surgery community has experienced an increased interest in the subject of bariatric medical malpractice. Coincident with the recent rise in bariatric surgery to >100,000 cases/yr in the United States, much speculation has been present in the legal and lay press regarding increased rates of bariatric surgery lawsuits and increased malpractice insurance premiums [9–11]. Whether an increase in lawsuits disproportionate to the increase in bariatric surgery cases has occurred remains unclear. Furthermore, the justification for increased malpractice premiums has also been debated [12]. Nevertheless, despite intense speculation, relatively little information exists in medical reports that have described the basic characteristics of bariatric surgery medical malpractice cases.

In one of the few recent studies of bariatric surgery malpractice, Casey et al. [6], in 1999, surveyed members of the American Society of Bariatric Surgery to determine the rate of lawsuits, as well as information pertaining to the types of complications, claims of negligence, and legal outcomes of the suits. Of the 165 members from 33 states, 38% responded and reported 107 malpractice suits, yielding a rate of approximately 1.6 suits/1000 bariatric surgery cases. Of the 71 legal cases that had resolved, 19 (27%) had been settled or reached a jury verdict on behalf of the plaintiff for an average award of $88,667. Gastric bypass (50%) and VBG (30%) were the most common operations involved in the lawsuits, with the remainder comprised of a mixture of malabsorption and revisional procedures. None of the operations had been performed laparoscopically, because this was before the laparoscopic era of bariatric surgery. The most common reasons for the lawsuits were “pain and suffering” (31%), death (19%), unsatisfactory result (18%), and infection/leak (18%). The most common complications cited were anastomotic problems (36%), death (21%), “operative misadventure” (13%).
and malabsorption/nutrition (10%). According to the surgeons surveyed, the most common causes of the complications were error in technique (22%), “act of God” (16%), error in judgment (11%), and infection (7%). However, “a delay in diagnosis” was thought to be a causative factor in only 2% of cases. The investigators concluded that, at least in 1999, bariatric surgery malpractice lawsuits were relatively uncommon, usually resolved in favor of the defendant (bariatric surgeon), were associated with relatively inexpensive awards for the plaintiff (<$100,000), and were not a large risk for malpractice insurance companies. The major limitation of their study was that its accuracy depended on the motivation and bias of the responding surgeons who completed the questionnaire. Furthermore, issues such as the determination of negligence in their study would likely not be of value because the defendant surgeons would not be likely to be objective or qualified to determine negligence on their own behalf.

Our goal with the present study was to provide recent information regarding bariatric surgery malpractice litigation from reliable sources (actual medical records and depositions) to form a basis for the prevention of lawsuits and improvement in patient care. Our study involved 100 malpractice cases referred for expert analysis by defense and plaintiff counsel. The primary surgeon was a defendant in all the cases, and the hospital was a co-defendant in 45% of the cases. Many of the defendant surgeons were relatively inexperienced (42% had <1-yr experience); however, a slight majority of the lawsuits involved experienced surgeons, with some (38%) having had an experience of >300 cases. The patient demographics were similar to those of most bariatric surgery cohort studies, and RYGB (78%) was the dominant procedure. Postoperative leaks and abscesses accounted for >70% of the alleged harm in the 100 cases, as well as significant morbidity (>20%) and mortality (>50%). Bowel obstruction (18%), pulmonary complications (10%), and organ injury (10%) were also common incidents precipitating lawsuits. Less common was pulmonary embolus (8%), but it was associated with the greatest mortality rate (88%). Overall, the patient outcomes included mortality (53%), recovery with disability (19%), and full or near-full recovery (28%). Negligence or the potential of negligence was thought to be present in 28% of the cases according to review by experienced bariatric surgeons. A delay in the diagnosis of a leak was the most common potential breach in the standard of care.

To our knowledge, the present study is the first to provide a detailed evaluation of a large number of bariatric surgery malpractice cases by a group of experienced bariatric surgeons using actual patient medical records and original depositions. We identified several notable observations, some of which were expected and some unexpected.

First, we unexpectedly found that the patient demographics were no different than those of a typical bariatric surgery population. Because lawsuits are primarily driven by complications, and complications are more likely to occur in high-risk, older patients, we had expected this cohort to be at greater risk. Perhaps this finding indirectly supports the contention that it is not the complication, but the unrealistic or uneducated expectations of the patient or family members that precipitated the lawsuits. That is, a complication occurring in a younger, healthier patient may be less expected and therefore raise more doubts regarding the care rendered.

Similarly, patient expectations were likely to have been influenced by the manner of informed consent. We were somewhat surprised that in none of the 100 cases was the lack of informed consent a significant allegation. Perhaps this was because in nearly all cases, the medical records contained a general, nonspecific, consent form signed by the plaintiff. However, only a minority of cases (22%) involved a detailed, bariatric-specific consent form. The lack of evidence of such a detailed consent process does not necessarily mean that the plaintiff did not have the risks and benefits fully explained but it could raise that suspicion. We strongly urge surgeons to use a structured, detailed consent process to align patients' (and their families') expectations with reality. Our study was unable to prove, however, that a detailed consent process will decrease lawsuits.

The role of surgeon experience as a precipitating factor for malpractice litigation is unclear from our results. One might logically expect inexperienced surgeons to create more errors leading to lawsuits. However, we found that most surgeons (58%) had >1 year of experience. This finding could, however, simply reflect that more bariatric operations are performed by experienced surgeons, who may then have a larger pool of patients available to bring a lawsuit. A much larger study would be necessary to determine whether a disproportionate number of malpractice cases originate from inexperienced surgeons. Because only a small fraction of practicing bariatric surgeons in the United States are fellowship trained (estimated at <10%), that most defendants in this study were not fellowship trained could not prove or disprove that fellowship training reduces lawsuits.

The types of complications that occurred in this series (i.e., leaks, abscess, obstruction, organ injury, pulmonary/airway complications, and pulmonary embolus) were somewhat expected and fairly representative of the common complications after bariatric surgery [1-4]. Underrepresented was hemorrhage, which can occur in 2-4% of patients after bariatric surgery [13]. Perhaps hemorrhage is not likely to be subject of a lawsuit because it is generally quite readily recognized by unstable vital signs and readily treated with transfusion or urgent operation. The type of complications occurring in our series was similar to that in the study by Casey et al. [6] with 2 major exceptions. Nutrition-related complications occurred in 10% of patients in the study by Casey et al. [6], yet were quite uncommon in our series for unclear reasons. Bowel obstructions were not indicated as a common complication in the series by...
Casey et al. [6] yet represented the second most common complication (18%) in our series. This is likely because the study by Casey et al. [6] occurred before the laparoscopic era and involved only open bariatric operations, which are thought to have a lower rate of bowel obstructions compared with surgeons' early learning experience with laparoscopic gastric bypass. Furthermore, bowel obstructions after laparoscopic gastric bypass are more often a result of herniation of bowel at the mesenteric window sites (transverse mesocolon, jejunointestinal, and Peterson's defect) [14–16]. The increased frequency could be related to non-closure of the defect during laparoscopic gastric bypass or the lack of early adhesions after laparoscopy, which could retard bowel herniation by causing bowel to "stick" together.

Lawsuits are more likely to occur with poor outcomes. Thus, it is not surprising we found a mortality rate of 53%. Somewhat surprising was that 28% of patients had full or near-full recovery, suggesting that factors other than the outcome, such as the pain and suffering of recovery, patient–physician relationship, secondary gain, and financial concerns, might have motivated the patients to sue.

In our series, the evidence to support a claim of negligence on the part of the primary surgeon was recognized in 28% of cases. The most common potential cause of negligence was the failure to timely diagnose a complication, whether a leak, obstruction, injury, or pulmonary embolus. Other potential errors such as the lack of informed consent, inappropriate candidate for bariatric surgery, inadequate preoperative evaluation, error in surgical technique, and inappropriate treatment of the complication were exceedingly uncommon. In contrast, the survey results in the study by Casey et al. [6] indicated that error in technique, "act of God," infection, and error in judgment were the most common cause of a complication, and in only 2% of cases was there a delay in diagnosis. This major discrepancy suggests that either the cause of negligence has dramatically changed in the past 10 years or surgeons' understanding of the causes of negligence is not on par with reality. We suspect the latter is more likely than the former.

In this series, failure to recognize the early signs of an intestinal leak represented the single most common surgeon error and accounted for most of the error in these 100 cases that led to significant mortality and morbidity. Early signs and symptoms of an intestinal leak after bariatric surgery have been well described in published reports and include sustained tachycardia, tachypnea, shortness of breath, fever, oliguria, leukocytosis, and abdominal pain [17–19]. Less commonly, a patient may have severe abdominal pain, shoulder pain, back pain, or hiccups. Severe tachycardia, high fever, peritoneal signs, hypotension, and anuria are late signs and symptoms suggesting severe peritonitis, organ failure, and a low probability of survival. Of all these signs and symptoms, sustained tachycardia (heart rate >120 bpm) is the most sensitive sign of an intestinal leak. Many experienced surgeons have advocated that sustained tachycardia after bariatric surgery is "a leak until proven otherwise" and warrants additional investigation to rule out a leak, such as abdominal imaging or surgical intervention. Surgical intervention, including diagnostic laparoscopy or laparotomy, is the most sensitive diagnostic, and often therapeutic, intervention. In this series, many patients endured many hours and, in some cases, days of tachycardia without diagnostic or therapeutic intervention to rule out a leak. Many of the lawsuits and, indeed, the morbidity and mortality in this series could have been avoided if the primary surgeon and/or managing team had recognized the early signs of a leak. Notably absent from this relatively small study was any lawsuit claiming negligence for unnecessarily performing diagnostic laparotomy when a leak was not present.

Although recognized by many as common knowledge, we believe this study is the first to document management error in bariatric surgery resulting from, or related to, the transfer of care from one physician to another. In a significant 15% of the cases, an error, usually in recognizing a complication, occurred shortly after a receiving surgeon took over the care of the patient. In many cases, the receiving surgeon had minimal experience in bariatric surgery. Typically, the primary surgeon had left town and passed the care on to a surgeon “on call” without significant communication of the status of the compromised patient. This type of error, “dropping the baton,” can be avoided by proper communication with a receiving surgeon who has an appropriate knowledge of bariatric surgery and its perioperative management.

This study contained several limitations. First, this series was not necessarily reflective of bariatric surgery in the United States during 1997 to 2005. The case mix, including laparoscopic versus open RYGB versus laparoscopic adjustable gastric banding (LAGB) versus bilipancreatic diversion, might have been more reflective of the reviewing surgeon’s expertise and not the frequency of these operations in the community at large. For instance, none of the lawsuits involved LAGB even though LAGB is now commonly performed in the United States. This does not imply that LAGB is or is not subject to lawsuits; it was simply not among the 100 cases reviewed in this series. This is not surprising, especially because LAGB was not introduced into the United States until 2001, after Food and Drug Administration approval. Second, the standard of care for bariatric surgery management is without clear evidence-based assessment in many areas of operative and perioperative management; therefore, the assessment of negligence by us was, in many cases, subjective. Furthermore, our opinions may not necessarily represent those of the bariatric surgery community as a whole or of the American Society of Bariatric Surgery. Finally, as stated previously, the final legal outcome of many of the cases remained undetermined and thus the final legal outcomes could not be reported.
Conclusion

The most common complications of bariatric surgery leading to lawsuits in this study included leak, abscess, obstruction, pulmonary/airway complications, organ injury, and pulmonary emboli. Most of the lawsuits (72%) in this study contained no evidence of negligence on the part of the treating surgeon. The prevention of leaks and timely diagnosis and treatment is the single most important strategy to improve patient outcomes and prevent malpractice lawsuits related to bariatric surgery. To improve patient care and reduce lawsuits, we recommend that surgeons develop specific strategies to prevent, diagnose, and treat the most common serious complications of bariatric surgery.

Disclosures

The authors have no commercial associations that might be a conflict of interest in relation to this article.

References


Editorial comment

Review and analysis of complications in surgical care is a time-tested instructional method used in most surgical training programs in the format of the morbidity and mortality conference. Errors in judgment, diagnosis, and surgical decision making provide valuable lessons when dissected and discussed after the event. Similarly, review of malpractice claims can be a valuable learning tool. The knowledge gained can hopefully be used to reduce complications and thereby improve patient care.

The American Society of Anesthesiologists Closed Claims Project has helped to identify important anesthetic complications and mechanisms of injury, resulting in changes in practice with a subsequent decrease in severity of injury in anesthesia malpractice claims [1]. This has been credited with a stabilization of liability insurance premiums in that specialty.

This analysis of 100 malpractice claims against bariatric surgeons shows the potential benefit of using lawsuits as a learning tool. Some findings were not surprising, such as identification of leaks and abscesses as the most common complications resulting in a claim, with delay in diagnosis and management as the most common allegation of negligence. The fact that lack of informed consent and technical error were not primary allegations in any of the cases was less expected, perhaps explained by sampling error or by the fact that plaintiff attorneys feel these are more difficult allegations to prove to a jury.

The authors, as impartial experts, felt there was potential negligence in 28% of the reviewed cases. It would be informative to ultimately report the outcome of these suits. In our current malpractice climate, it would not be surprising to find that many of the cases with no perceived negligence are settled before trial due to fears of high defense expense or excessive jury awards.
Fifteen of the 100 cases examined were managed by a covering surgeon. In each of these, the authors felt there was potential negligence due to a delay in diagnosis and treatment. Poor communication or inadequate bariatric expertise was cited as a probable cause for the delays. While no surprise to any experienced surgeon, this observation underscores the importance of adequate coverage in any bariatric program and justifies it as a requirement for Centers of Excellence by the Surgical Review Corporation.

Although this analysis is not large enough to provide a comprehensive view of the specialty of bariatric surgery, it does have potential benefits and will hopefully stimulate further interest in utilizing review of malpractice suits to improve care of the bariatric surgical patient. The American Society for Bariatric Surgery should sponsor a closed claim database, using the successful project of the American Society of Anesthesiologists as a model.

Disclosures

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