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Patient Engagement: The Cornerstone of Patient Safety

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In 2022, the Anesthesia Patient Safety Foundation (APSF) Board of Directors embraced “patient engagement” as an active strategic focus to further advance the foundation’s vision that “no one shall be harmed by anesthesia care.” This commitment led to the formation of a dedicated Patient Engagement Workgroup that welcomed patients as member partners in the committee and featured co-design as a key guiding principle. This collaborative approach represented a significant evolution in how the APSF approached patient safety initiatives.

Prior to this initiative, APSF had not historically developed online patient education content. To identify critical gaps that APSF might fill in this arena, the workgroup employed a multifaceted approach combining user-design principles, web analytics, and traditional review methodologies. This comprehensive analysis revealed significant opportunities to enhance patient education and engagement in anesthesia and surgical care.

UNDERSTANDING PATIENT CONCERNS

Through careful research and direct solicitation of feedback from patients, the workgroup discovered that patients consistently sought answers to fundamental questions about anesthesia and surgery, including:

- Do I need to have surgery?
- What if I have trouble waking up from anesthesia?
- How many times is it safe to go under anesthesia?
- Are there long-term side effects of anesthesia?

Notably, available online content to adequately address these concerns was scarce or incomplete. Search engine keyword research, coupled with analysis of high-ranking websites, revealed a significant opportunity to provide dedicated patient-centered resources. Meanwhile, medical journal articles, while highly detailed and up-to-date, were not patient-centered and frequently employed technical language beyond the comprehension of most patients. This clearly identified a distinct opportunity for APSF to bridge this information gap by providing content that patients truly valued—content that would enable them to take ownership

Table 1: Patient Guide to Anesthesia: Content Overview.

| Category | Questions |
|----------------------------------|---|
| Understanding Anesthesia | <ul style="list-style-type: none"> • How safe is anesthesia? Common fears & concerns • What are the types of anesthesia? • What drugs are used in anesthesia? |
| Presurgery Considerations | <ul style="list-style-type: none"> • Is surgery necessary? • How do I pay for surgery? • How do I prepare for surgery? |
| Risk Assessment | <ul style="list-style-type: none"> • What are risk factors for surgery? |
| Postsurgery Pain | <ul style="list-style-type: none"> • Will I feel pain after surgery? • How do I speed up healing after surgery? |
| Pain Management | <ul style="list-style-type: none"> • What are the types of pain? • What should I know about pain management? • How can I manage pain without medications? • What nonopioid medications are used in pain management? • What opioids are used in pain management? • What are the risks of using opioid medications? |
| Important Questions | <ul style="list-style-type: none"> • Questions to ask your anesthesia professional • Questions to ask your surgeon |

ship of their care and effectively participate in shared decision-making with their health care providers.

THE BIRTH OF THE PATIENT GUIDE TO ANESTHESIA AND SURGERY

As a direct result of these findings, the “[Patient Guide to Anesthesia and Surgery](#)” was founded in 2022, marking APSF’s first patient-focused initiative. Developed by the APSF’s Patient Engagement Workgroup, this resource brought together patient advocates and anesthesia and surgical professionals to answer the most commonly asked questions patients have before surgery (Table 1).

The mission of this initiative extends beyond merely providing information—it aims to encourage patients to actively participate in their health care journey and gain a better understanding of how they can minimize perioperative risks and complications. The ultimate goal is patient empowerment, helping individuals become more involved in their care decisions and learn practical ways to mitigate their own risks.

INNOVATIVE METHODOLOGY FOR CONTENT DEVELOPMENT

The workgroup determined that the initial step in building content for the Patient Guide should embrace user-design methodology to genuinely “listen to the patients.” The primary objective was to understand their fears, concerns, and informational needs in their own terms. This approach represented a deliberate departure from typical medical articles developed for patients, which often carry a technical bias based on health care professionals’ perceptions of what information is necessary.

For the first version of the Patient Guide, the workgroup conducted comprehensive online patient surveys and in-depth interviews. The team designed survey questionnaires specifically to help understand the main fears and concerns patients harbor regarding anesthesia. Making a conscious effort to gather diverse perspectives, the surveys included participants from different age, social, and ethnic groups by utilizing the Amazon MTURK platform, an online

See “Patient Engagement,” Next Page

APSF Created a Guide to Anesthesia and Surgery for Patients to Utilize

From “Patient Engagement,” Preceding Page

care professionals, patients, and families to become familiar with these resources (<https://www.apsf.org/patient-guide/>). The “must-have” priority remains keeping patients as the cornerstone of all safety initiatives and educational materials. By maintaining this unwavering commitment to patient-centered approaches and shared decision-making as essential components rather than optional features, APSF aims to significantly advance its core vision that no one shall be harmed by anesthesia care.

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