



## ANESTEZİ ALANINDA “İKİNCİ MAĞDUR (KURBAN) OLGUSU”

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### GİRİŞ

Tıp mesleğinin üyelerinden her zaman bir mükemmellik beklentisi olmuştur. Özellikle sağlık bakım profesyonellerinin uygulamada hata yapmamaları beklenmektedir (1). Bununla birlikte, sağlık hizmeti kusurlu olabilir, çünkü genellikle insan karar mekanizmaları ile yapılan ayırıcı tanıları içerir. İnsanın içinde bulunduğu tüm faaliyetlerde, işlerin doğru yapıldığı gibi yanlış işlemlerin yapılması da muhtemeldir. Tıbbın hızlı tempolu, talepkar ve sürekli gelişen ortamı, insanın zaman zaman hata yapma olasılığını artırır (2).

Olumsuz bir tıbbi olay, hastaneye yatış süresini uzatabilecek ve bir hastanın sakatlığına veya ölümüne yol açabilecek altta yatan bir hastalıktan ziyade tıbbi tedaviyle ilişkili istenmeyen bir yaralanma olarak tanımlanabilir (3). Amerika Tıp Enstitüsü'nün 'Hata Yapmak İnsanlıktır' başlıklı dönüm noktası niteliğindeki raporunu yayınladığı 2000 yılına kadar, tıbbi hataların küresel ölçekte önemli insidansı ve maliyetinin farkına varılamadı (4,5). Olumsuz tıbbi olayların her üç hasta başvurusundan birinde meydana geldiği tahmin edilmektedir (6). İsveç'te yapılan bir araştırma, bir yılda, olumsuz tıbbi olayların tahmini olarak 3.000 ölüm ve 10.000 kalıcı sakatlık vakası ile sonuçlandığını bildirdi (7). Daha yakın bir çalışmada, sağlık tesislerinde her yıl 210.000 ila 400.000 hastanın advers tıbbi hatalar nedeniyle öldüğü bulundu (8). ABD'de tıbbi hata, yılda ortalama 251.454 ölümlerle en önde gelen üç ölüm nedeninden biri haline geldi (9). Güney Afrika dahil olmak üzere gelişmekte olan ülkelerde, tespit edilen advers

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**KAYNAKLAR**

1. Tutty S, Cox P, Harvey J, Seward J, Flenley J, McIntyre N, et al. The critical attitude in medicine: the need for a new ethics. *Br Med J (Clin Res Ed)* [Internet]. 1983 [cited 2022 Feb 14];287(6409):1919. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1550184/>
2. Leape LL, Brennan TA, Laird N, Lawthers AG, Localio AR, Barnes BA, et al. The nature of adverse events in hospitalized patients. Results of the Harvard Medical Practice Study II. *N Engl J Med* [Internet]. 1991 Feb 7 [cited 2022 Feb 15];324(6):377–84. Available from: <https://pubmed.ncbi.nlm.nih.gov/1824793/>
3. Brennan TA, Hiatt HH, Leape LL, Hebert L, Localio AR, Lawthers AG, et al. Incidence of adverse events and negligence in hospitalized patients. Results of the Harvard Medical Practice Study I. *N Engl J Med* [Internet]. 1991 [cited 2022 Feb 15];324(6):370–6. Available from: <https://pubmed.ncbi.nlm.nih.gov/1987460/>
4. By Institute of Medicine C on Q of HC in A. To Err Is Human: Building a Safer Health System - Institute of Medicine, Committee on Quality of Health Care in America - Google Books [Internet]. National Academies Press. 2000 [cited 2022 Feb 15]. p. 312. Available from: [https://books.google.com.tr/books?hl=en&lr=&id=Jj25GILKXSg-C&oi=fnd&pg=PT25&ots=bJkflmH82E&sig=yW2Nw2ZYE9AVUD64BVdme9xy-Lzo&redir\\_esc=y#v=onepage&q&f=false](https://books.google.com.tr/books?hl=en&lr=&id=Jj25GILKXSg-C&oi=fnd&pg=PT25&ots=bJkflmH82E&sig=yW2Nw2ZYE9AVUD64BVdme9xy-Lzo&redir_esc=y#v=onepage&q&f=false)
5. Van Pelt F. Peer support: healthcare professionals supporting each other after adverse medical events. *Qual Saf Health Care* [Internet]. 2008 Aug [cited 2022 Feb 15];17(4):249–52. Available from: <https://pubmed.ncbi.nlm.nih.gov/18678720/>
6. Classen DC, Resar R, Griffin F, Federico F, Frankel T, Kimmel N, et al. "Global trigger tool" shows that adverse events in hospitals may be ten times greater than previously measured. *Health Aff (Millwood)* [Internet]. 2011 Apr [cited 2022 Feb 16];30(4):581–9. Available from: <https://pubmed.ncbi.nlm.nih.gov/21471476/>
7. Soop M, Fryksmark U, Köster M, Haglund B. The incidence of adverse events in Swedish hospitals: a retrospective medical record review study. *Int J Qual Heal care J Int Soc Qual Heal Care* [Internet]. 2009 [cited 2022 Feb 16];21(4):285–91. Available from: <https://pubmed.ncbi.nlm.nih.gov/19556405/>
8. James JT. A new, evidence-based estimate of patient harms associated with hospital care. *J Patient Saf* [Internet]. 2013 Sep [cited 2022 Feb 16];9(3):122–8. Available from: <https://pubmed.ncbi.nlm.nih.gov/23860193/>
9. Makary MA, Daniel M. Medical error-the third leading cause of death in the US. *BMJ* [Internet]. 2016 May 3 [cited 2022 Feb 16];353. Available from: <https://pubmed.ncbi.nlm.nih.gov/27143499/>
10. Wilson RM, Michel P, Olsen S, Gibberd RW, Vincent C, El-Assady R, et al. Patient safety in developing countries: retrospective estimation of scale and nature of harm to patients in hospital. *BMJ* [Internet]. 2012 Mar 31 [cited 2022 Feb 16];344(7850):20. Available from: <https://pubmed.ncbi.nlm.nih.gov/22416061/>
11. Ullström S, Sachs MA, Hansson J, Øvretveit J, Brommels M. Suffering in silence: a qualitative study of second victims of adverse events. *BMJ Qual Saf* [Internet].

- 2014 [cited 2022 Feb 16];23(4):325–31. Available from: <https://pubmed.ncbi.nlm.nih.gov/24239992/>
12. Edrees HH, Paine LA, Feroli ER, Wu AW. Health care workers as second victims of medical errors. *Pol Arch Med Wewn* [Internet]. 2011 [cited 2022 Feb 16];121(4):101–7. Available from: [https://click.endnote.com/viewer?doi=10.20452%2Fpam-w.1033&token=WzI5OTgyMDEsIjEwLjIwNDUyL3BhbXcuMTAzMyJd.ZcdS0K-9mc6jzZTF51UfPw\\_rpBTM](https://click.endnote.com/viewer?doi=10.20452%2Fpam-w.1033&token=WzI5OTgyMDEsIjEwLjIwNDUyL3BhbXcuMTAzMyJd.ZcdS0K-9mc6jzZTF51UfPw_rpBTM)
  13. Wu AW. Medical error: the second victim. The doctor who makes the mistake needs help too. *BMJ* [Internet]. 2000 Mar 18 [cited 2022 Feb 16];320(7237):726–7. Available from: <https://pubmed.ncbi.nlm.nih.gov/10720336/>
  14. Scott SD, Hirschinger LE, Cox KR, McCoig M, Brandt J, Hall LW. The natural history of recovery for the healthcare provider “second victim” after adverse patient events. *Qual Saf Health Care* [Internet]. 2009 Oct [cited 2022 Feb 16];18(5):325–30. Available from: <https://pubmed.ncbi.nlm.nih.gov/19812092/>
  15. Manser T. Managing the aftermath of critical incidents: meeting the needs of health-care providers and patients. *Best Pract Res Clin Anaesthesiol* [Internet]. 2011 Jun [cited 2022 Feb 16];25(2):169–79. Available from: <https://pubmed.ncbi.nlm.nih.gov/21550542/>
  16. Seys D, Scott S, Wu A, Van Gerven E, Vleugels A, Euwema M, et al. Supporting involved health care professionals (second victims) following an adverse health event: a literature review. *Int J Nurs Stud* [Internet]. 2013 May [cited 2022 Feb 16];50(5):678–87. Available from: <https://pubmed.ncbi.nlm.nih.gov/22841561/>
  17. Mira JJ, Carrillo I, Lorenzo S, Ferrús L, Silvestre C, Pérez-Pérez P, et al. The aftermath of adverse events in Spanish primary care and hospital health professionals. *BMC Health Serv Res* [Internet]. 2015 Apr 9 [cited 2022 Feb 16];15(1). Available from: <https://pubmed.ncbi.nlm.nih.gov/25886369/>
  18. Seys D, Wu AW, Gerven E Van, Vleugels A, Euwema M, Panella M, et al. Health Care Professionals as Second Victims after Adverse Events: A Systematic Review. <http://dx.doi.org/10.1177/0163278712458918> [Internet]. 2012 Sep 12 [cited 2022 Feb 21];36(2):135–62. Available from: [https://journals.sagepub.com/doi/full/10.1177/0163278712458918?casa\\_token=agZitgjSyYQAAAAA%3ATp-BwWYySwOUiljOg22PX08a\\_3vp744VpHFv7KJvGyvuyrLjW-nxi-tGgyADBTR-sW7is4vrC8JpKOKA](https://journals.sagepub.com/doi/full/10.1177/0163278712458918?casa_token=agZitgjSyYQAAAAA%3ATp-BwWYySwOUiljOg22PX08a_3vp744VpHFv7KJvGyvuyrLjW-nxi-tGgyADBTR-sW7is4vrC8JpKOKA)
  19. Scott SD, Hirschinger LE, Cox KR, McCoig M, Hahn-Cover K, Epperly KM, et al. Caring for our own: deploying a systemwide second victim rapid response team. *Jt Comm J Qual patient Saf* [Internet]. 2010 [cited 2022 Feb 22];36(5):233–40. Available from: <https://pubmed.ncbi.nlm.nih.gov/20480757/>
  20. Wolf ZR, Serembus JE, Smetzer J, Cohen H, Cohen M. Responses and concerns of healthcare providers to medication errors. *Clin Nurse Spec* [Internet]. 2000 Nov [cited 2022 Feb 22];14(6):278–87; quiz 288. Available from: <https://pubmed.ncbi.nlm.nih.gov/11855445/>
  21. West CP, Huschka MM, Novotny PJ, Sloan JA, Kolars JC, Habermann TM, et al. Association of perceived medical errors with resident distress and empathy: a prospective

- longitudinal study. JAMA [Internet]. 2006 Sep 6 [cited 2022 Feb 22];296(9):1071–8. Available from: <https://pubmed.ncbi.nlm.nih.gov/16954486/>
22. Shanafelt TD, Hasan O, Dyrbye LN, Sinsky C, Satele D, Sloan J, et al. Changes in Burnout and Satisfaction With Work-Life Balance in Physicians and the General US Working Population Between 2011 and 2014. Mayo Clin Proc [Internet]. 2015 [cited 2022 Feb 22];90(12):1600–13. Available from: <https://pubmed.ncbi.nlm.nih.gov/26653297/>
  23. Krzan KD, Merandi J, Morvay S, Mirtallo J. Implementation of a “second victim” program in a pediatric hospital. Am J Health Syst Pharm [Internet]. 2015 Apr 1 [cited 2022 Feb 22];72(7):563–7. Available from: <https://pubmed.ncbi.nlm.nih.gov/25788510/>
  24. Waterman AD, Garbutt J, Hazel E, Dunagan WC, Levinson W, Fraser VJ, et al. The emotional impact of medical errors on practicing physicians in the United States and Canada. Jt Comm J Qual patient Saf [Internet]. 2007 [cited 2022 Feb 22];33(8):467–76. Available from: <https://pubmed.ncbi.nlm.nih.gov/17724943/>
  25. Vinson AE, Zurakowski D, Randel GI, Schlecht KD. National Survey of US academic anesthesiology chairs on clinician wellness. J Clin Anesth [Internet]. 2016 Nov 1 [cited 2022 Feb 22];34:623–31. Available from: <https://pubmed.ncbi.nlm.nih.gov/27687461/>
  26. Burlison JD, Scott SD, Browne EK, Thompson SG, Hoffman JM. The Second Victim Experience and Support Tool: Validation of an Organizational Resource for Assessing Second Victim Effects and the Quality of Support Resources. J Patient Saf [Internet]. 2017 [cited 2022 Feb 22];13(2):93–102. Available from: <https://pubmed.ncbi.nlm.nih.gov/25162208/>
  27. Coughlan B, Powell D, Higgins MF. The Second Victim: a Review. Eur J Obstet Gynecol Reprod Biol [Internet]. 2017 Jun 1 [cited 2022 Feb 22];213:11–6. Available from: <https://pubmed.ncbi.nlm.nih.gov/28526169/>