

Force of Habit: Developing Effective Situation Awareness in Resuscitation

1. Endsley MR. Toward a Theory of Situation Awareness in Dynamic Systems. *Human Factors: The Journal of the Human Factors and Ergonomics Society*. 1995;37(1):32-64.
2. Flin R, O'Connor P, Crichton M. *Safety at the Sharp End: A Guide to Non-Technical Skills*. Aldershot, England ; Burlington, VT: Ashgate Publishing; 2008.
3. Endsley M. A taxonomy of situation awareness errors. In: Fuller R, Johnson N, and McDonald N (Eds.). *Human Factors in Aviation Operations*. Aldershot: Avebury. 1995.
4. Way LW, Stewart L, Gantert W, et al. Causes and Prevention of Laparoscopic Bile Duct Injuries. *Ann Surg*. 2003;237(4):460-469.
5. Endsley M. A taxonomy of situation awareness errors. In Fuller R, Johnson N, and McDonald N (Eds.). *Human Factors in Aviation Operations*. Aldershot: Avebury. 1995.
6. Risser DT, Rice MM, Salisbury ML, Simon R, Jay GD, Berns SD. The Potential for Improved Teamwork to Reduce Medical Errors in the Emergency Department. *Annals of Emergency Medicine*. 1999;34(3):373-383. doi:10.1016/S0196-0644(99)70134-4.
7. Zsombok CE, Klein G. *Naturalistic Decision Making*. Psychology Press; 2014.
8. Endsley MR. Toward a Theory of Situation Awareness in Dynamic Systems. *Human Factors: The Journal of the Human Factors and Ergonomics Society*. 1995;37(1):32-64.
9. Endsley MR, Smith RP. Attention Distribution and Decision Making in Tactical Air Combat. *Human Factors: The Journal of the Human Factors and Ergonomics Society*. 1996;38(2):232-249.
10. Endsley MR, Farley TC, Jones WM, Midkiff AH, Hansman RJ. *Situation Awareness Information Requirements For Commercial Airline Pilots*. International Center for Air Transportation; 1998. <http://dspace.mit.edu/handle/1721.1/35929>. Accessed April 4, 2016.
11. Endsley MR, Smolensky MW. Situation awareness in air traffic control: The picture. In: Smolensky MW, Stein ES, eds. *Human Factors in Air Traffic Control*. San Diego, CA, US: Academic Press; 1998:115-154.
12. Endsley MR, Garland DJ. *Situation Awareness Analysis and Measurement*. CRC Press; 2000.
13. Gaba DM, DeAnda A. A comprehensive anesthesia simulation environment: re-creating the operating room for research and training. *Anesthesiology*. 1988 Sep;69(3):387-94.
14. Howard SK, Gaba DM, Fish KJ, Yang G, Sarnquist FH. Anesthesia crisis resource management training: teaching anesthesiologists to handle critical incidents. *Aviation, space, and environmental medicine*. 1992 Sep;63(9):763-70.
15. Wright MC, Taekman JM, Endsley MR. Objective measures of situation awareness in a simulated medical environment. *Qual Saf Health Care*. 2004;13(suppl 1):i65-i71.
16. Endsley MR. Situation awareness global assessment technique (SAGAT). In: *Aerospace and Electronics Conference, 1988. NAECON 1988. Proceedings of the IEEE 1988 National*; 1988:789-795.

17. Salmon PM, Stanton NA, Walker GH, Jenkins D, Ladva D, Rafferty L, Young M. Measuring Situation Awareness in complex systems: Comparison of measures study. *Int J Indus Ergo.* 2009;39(3):490-500.
18. Fletcher G, Flin R, McGeorge P, Glavin R, Maran N, Patey R. Anaesthetists' Non-Technical Skills (ANTS): evaluation of a behavioural marker system. *Br J Anaesth.* 2003 May 1;90(5):580-8.
19. Yule S, Flin R, Maran N, Rowley D, Youngson G, Paterson-Brown S. Surgeons' non-technical skills in the operating room: reliability testing of the NOTSS behavior rating system. *World journal of surgery.* 2008 Apr 1;32(4):548-56.
20. Kim J, Neilipovitz D, Cardinal P, Chiu M, Clinch J. A pilot study using high-fidelity simulation to formally evaluate performance in the resuscitation of critically ill patients: The University of Ottawa Critical Care Medicine, High-Fidelity Simulation, and Crisis Resource Management I Study. *Crit Care Med.* 2006;34(8):2167-74.
21. Cooper S, Cant R, Porter J, Sellick K, Somers G, Kinsman L, Nestel D. Rating medical emergency teamwork performance: development of the Team Emergency Assessment Measure (TEAM). *Resuscitation.* 2010 Apr 30;81(4):446-52.
22. Cooper SJ, Cant RP. Measuring non-technical skills of medical emergency teams: An update on the validity and reliability of the Team Emergency Assessment Measure. *Resuscitation.* 2014 Jan 31;85(1):31-3.
23. Malec JF, Torsher LC, Dunn WF, Wiegmann DA, Arnold JJ, Brown DA, Phatak V. The mayo high performance teamwork scale: reliability and validity for evaluating key crew resource management skills. *Simulation in Healthcare.* 2007 Apr 1;2(1):4-10.
24. Brewster BC, Brons RK. Task Force on Rescue—Rescue Techniques. In: Bierens JJLM, ed. *Handbook on Drowning.* Berlin: Springer; 2006:193-308.
25. *Combat Aircraft Fundamentals.* US Air Force Tactics Techniques and Procedures. 3-3 Guardian Angel. 19 October 2009.
26. Duhigg C. *The Power of Habit: Why We Do What We Do in Life and Business.* Random House Publishing Group; 2012.
27. Graybiel AM. Building action repertoires: memory and learning functions of the basal ganglia. *Curr Opin Neurobiol.* 1995;5(6):733-741.
28. Graybiel AM, Aosaki T, Flaherty AW, Kimura M. The basal ganglia and adaptive motor control. *Science.* 1994;265(5180):1826-1831.
29. Graybiel AM. Habits, rituals, and the evaluative brain. *Annu Rev Neurosci.* 2008; 31: 359-387.
30. Lally P, Wardle J, Gardner B. Experiences of habit formation: A qualitative study. *Psychology, Health & Medicine.* 2011;16(4):484-489.
31. Graybiel AM. The basal ganglia and chunking of action repertoires. *Neurobiol Learn Mem.* 1998;70(1-2):119-136.
32. O'Neill J, Conzemius A. The power of smart goals. Using goals to improve student learning. Bloomington, IN: Solution Tree; 2006.
33. Oettingen G. Future thought and behavior change. *European Review of Social Psychology.* 2012; 23(1): 1-63.

34. Chapman J, Armitage CJ, Norman P. Comparing implementation intention interventions in relation to young adults' intake of fruit and vegetables. *Psychology & Health*. 2009; 24(3): 317-332.
35. Gollwitzer PM, Wieber F, Myers AL, McCrea SM. How to maximize implementation intention effects. In: Agnew CR, Carlston DE, Graziano G, Kelly JR, eds. *Then a Miracle Occurs: Focusing on Behavior in Social Psychological Theory and Research*. New York, NY: Oxford University Press; 2010: 137-61.
36. Gollwitzer PM, Sheeran P. Implementation Intentions and Goal Achievement: A Meta-analysis of Effects and Processes. *Advances in Experimental Social Psychology*. 2006; 38: 69-119.
37. Maltz M. *Psycho-Cybernetics, A New Technology for Using Your Subconscious Power*. New York, NY; Pocket Books: 1960.
38. Lally P, van Jaarsveld CHM, Potts HWW, Wardle J. How Are Habits Formed: Modeling Habit Formation in the Real World. *Euro J Soc Psych*. 2010; 40(6): 998-1009.
39. Burke LE, Swigart V, Turk MW, Derro N, Ewing LJ. Experiences of Self-Monitoring: Successes and Struggles during Treatment for Weight Loss. *Qual Health Res*. 2009;19(6):815-828.
40. Dean J. *Making Habits, Breaking Habits*. Boston, MA; Da Capo Press: 2013.
41. Deci EL, Ryan RM. *Intrinsic Motivation and Self-determination in Human Behavior*. New York, NY; Springer: 1985.
42. Gaba D, Howard S, Small S. Situation Awareness in anesthesiology. *Hum Factors*; 37: 20-31.
43. Klein G. The effect of acute stressors on decision making. In: Driskell JE, Salas E, eds. *Stress and human performance*. Mahwah, NJ: Lawrence Erlbaum Associates, Inc; 1996: 49-88.
44. Cannon-Bowers JA, Salas E. Individual and team decision making under stress: Theoretical underpinnings. In: Cannon-Bowers JA, Salas E, eds. *Making Decisions Under Stress: Implications for individual and team training*. Washington, DC: American Psychological Association; 1998: 17-38.
45. Vedhara K, Hyde J, Gilchrist ID, Tytherleigh M, Plummer S. Acute stress, memory, attention and cortisol. *Psychoneuroendocrinology*. 2000;25(6):535-49.
46. Schwabe L, Wolf OT. Stress Prompts Habit Behavior in Humans. *J Neurosci*. 2009;29(22):7191-7198.
47. David Smith A, Paul Bolam J. The neural network of the basal ganglia as revealed by the study of synaptic connections of identified neurons. *Trends in Neurosciences*. 1990;13(7):259-265.
48. Schwabe L, Oitzl MS, Philippson C, et al. Stress modulates the use of spatial versus stimulus-response learning strategies in humans. *Learn Mem*. 2007;14(1-2):109-116.
49. Singer RN, Cauraugh JH, Murphy M, Chen D, Lidor R. Attentional control, distractors, and motor performance. *Hum Perform*. 1994 ;4(1):55-69.
50. Ericsson KA, Pool R. *Peak: Secrets from the New Science of Expertise*. Boston, MA: Houghton Mifflin Harcourt; 2016.