

[Home](#) > [Journal](#) > [Medicine & Healthcare](#) > [OJGas](#)[Indexing](#) [View Papers](#) [Aims & Scope](#) [Editorial Board](#) [Guideline](#) [Article Processing Charges](#)[OJGas](#) > [Vol.2 No.4, November 2012](#)

OPEN ACCESS

Acceptance of American society for gastrointestinal endoscopy' s guidelines for endoscopy reports

PDF (Size: 435KB) PP. 209-214 DOI: 10.4236/ojgas.2012.24042

Author(s)

Thomas de Lange, Michael Bretthauer, Lars Aabakken, Geir Hoff

ABSTRACT

Background: Several studies indicate that endoscopy reports lack uniform content and terminology. Thus ASGE, ESGE, and WEO have prepared guidelines to improve the quality of endoscopy reports. However, the acceptance of such recommendations in the community of endoscopists has not been assessed. Objective: The aim of the present study was to determine Non-US endoscopists' agreement to current ASGE guidelines for endoscopy reporting and ESGE recommendations for image documentation. Design: 137 endoscopists were invited to participate in this internet survey, covering 34 items regarding the content of the endoscopy reports. Non-responders received three e-mail reminders before the study was closed. Settings: A web-based survey tool developed at the University of Oslo was used to perform this study (<https://wo.uio.no/as/WebObjects/nettskjema.woa>). Results: Eighty (60%) of the 137 endoscopists responded, to the survey. Their agreement to the various items of the ASGE guidelines for text content ranged from 21% - 100%. Only 8.9% (95% CI, 4.4% - 17.2%) considered it necessary to perform routine image documentation according to the ESGE guidelines. Limitations: The response rate of 68%, is on the lower limit of acceptable. Conclusions: The cohort of endoscopists agrees partially to the ASGE guidelines. However, they do not consider systematic image documentation necessary

KEYWORDS

•Quality Assurance; Guideline Adherence; Gastrointestinal Endoscopy

Cite this paper

Lange, T. , Bretthauer, M. , Aabakken, L. and Hoff, G. (2012) Acceptance of American society for gastrointestinal endoscopy' s guidelines for endoscopy reports. *Open Journal of Gastroenterology*, 2, 209-214. doi: 10.4236/ojgas.2012.24042.

References

- [1] (1998) The role of colonoscopy in the management of patients with inflammatory bowel disease. American Society for Gastrointestinal Endoscopy. *Gastrointestinal Endoscopy*, 48, 689-690. doi:10.1016/S0016-5107(98)70062-8
- [2] Ullman, T., Odze, R. and Farraye, F.A. (2009) Diagnosis and management of dysplasia in patients with ulcerative colitis and Crohn' s disease of the colon. *Inflammatory Bowel Diseases*, 15, 630-638. doi:10.1002/ibd.20766
- [3] De, B.V., Gonvers, J.J., Froehlich, F., Dubois, R.W., Burnand, B. and Vader, J.P. (1999) Appropriateness of gastroscopy: Bleeding and dysphagia. *Endoscopy*, 31, 615-622. doi:10.1055/s-1999-65
- [4] Chan, Y.M. and Goh, K.L. (2004) Appropriateness and diagnostic yield of EGD: A prospective study in a large Asian hospital. *Gastrointestinal Endoscopy*, 59, 517-524. doi:10.1016/S0016-5107(04)00002-1
- [5] Rutegard, J.N. (1993) Assessment profiles of disease severity in ulcerative colitis. *Digestive Disease*, 11, 32-35. doi:10.1159/000171398
- [6] Pfeil, S.A. (1994) The upper gastrointestinal endoscopy report. *Gastrointestinal Endoscopy Clinics of*

[OJGas Subscription](#)[Most popular papers in OJGas](#)[About OJGas News](#)[Frequently Asked Questions](#)[Recommend to Peers](#)[Recommend to Library](#)[Contact Us](#)

Downloads: 13,037

Visits: 50,243

[Sponsors >>](#)

- [7] de Lange, T., Moum, B.A., Tholfsen, J.K., Larsen, S. and Aabakken, L. (2003) Standardization and quality of endoscopy text reports in ulcerative colitis. *Endoscopy*, 35, 835-840. doi:10.1055/s-2003-42619
- [8] Nelson, D.B., Block, K.P., Bosco, J.J., Burdick, J.S., Curtis, W.D., Faigel, D.O., et al. (2000) Technology status evaluation report: Computerized endoscopic medical record systems: November 1999. *Gastrointestinal Endoscopy*, 51, 793-796. doi:10.1053/ge.2000.v51.age516793
- [9] Moorman, P.W., van Ginneken, A.M., van der, L.J., Siersema, P.D., van Blankenstein, M. and Wilson, J.H. (1994) The contents of free-text endoscopy reports: An inventory and evaluation by peers. *Endoscopy*, 26, 531- 538. doi:10.1055/s-2007-1009029
- [10] Robertson, D.J., Lawrence, L.B., Shaheen, N.J., Baron, J.A., Paskett, E., Petrelli, N.J., et al. (2002) Quality of colonoscopy reporting: A process of care study. *The American Journal of Gastroenterology*, 97, 2651-2656. doi:10.1111/j.1572-0241.2002.06044.x
- [11] Conway, J.D., Adler, D.G., Diehl, D.L., Farraye, F.A., Kantsevov, S.V., Kwon, R., et al. (2008) Endoscopic electronic medical record systems. *Gastrointestinal Endoscopy*, 67, 590-594. doi:10.1016/j.gie.2008.01.040
- [12] American Society for Gastrointestinal Endoscopy (1999) Quality improvement of gastrointestinal endoscopy: Guidelines for clinical application. *Gastrointestinal Endoscopy*, 49, 842-844. doi:10.1016/S0016-5107(99)70315-9
- [13] Rey, J.F. and Lambert, R. (2001) ESGE recommendations for quality control in gastrointestinal endoscopy: Guidelines for image documentation in upper and lower GI endoscopy. *Endoscopy*, 33, 901-903.
- [14] Delvaux, M. and Korman, L.Y. (2000) Minimal standard terminology in digestive endoscopy. *Endoscopy*, 32, 162-188. doi:10.1055/s-2000-7384
- [15] Aabakken, L., Rembacken, B., LeMoine, O., Kuznetsov, K., Rey, J.F., Rosch, T., et al. (2009) Minimal standard terminology for gastrointestinal endoscopy—MST 3.0. *Endoscopy*, 41, 727-728.
- [16] Crespi, M., Delvaux, M., Schaprio, M., Venables, C. and Zwiebel, F. (1996) Working party report by the committee for minimal standards of terminology and Documentation in digestive endoscopy of the european society of gastrointestinal endoscopy. Minimal standard terminology for a computerized endoscopic database. Ad hoc task force of the committee. *American Journal of Gastroenterology*, 91, 191-216.
- [17] Delvaux, M., Korman, L.Y., Armengol-Miro, J.R., Crespi, M., Cass, O., Hagenmuller, F., et al. (1998) The minimal standard terminology for digestive endoscopy: Introduction to structured reporting. *International Journal of Medical Informatics*, 48, 217-225. doi:10.1016/S1386-5056(97)00128-7
- [18] Cabana, M.D., Rand, C.S., Powe, N.R., Wu, A.W., Wilson, M.H., Abboud, P.A., et al. (1999) Why don't physicians follow clinical practice guidelines? A framework for improvement. *The Journal of the American Medical Association*, 282, 1458-1465. doi:10.1001/jama.282.15.1458
- [19] Altman, D.G. (1991) *Practical statistics for medical research*. Chapman and Hall, London.
- [20] Hoff, G., Bretthauer, M., Huppertz-Hauss, G., Kittang, E., Stallemo, A., Hoie, O., et al. (2006) The Norwegian Gastronet project: Continuous quality improvement of colonoscopy in 14 Norwegian centres. *Scandinavian Journal of Gastroenterology*, 41, 481-487. doi:10.1080/00365520500265208
- [21] Barclay, R.L., Vicari, J.J., Doughty, A.S., Johanson, J.F. and Greenlaw, R.L. (2006) Colonoscopic withdrawal times and adenoma detection during screening colonoscopy. *The New England Journal of Medicine*, 355, 2533-2541. doi:10.1056/NEJMoa055498
- [22] Johanson, J.F., et al. (2000) Quality and outcomes assessment in gastrointestinal endoscopy. *Gastrointestinal Endoscopy*, 5, 827-830. doi:10.1016/S0016-5107(00)70218-5
- [23] Lieberman, D.A., Faigel, D.O., Logan, J.R., Mattek, N., Holub, J., Eisen, G., et al. (2009) Assessment of the quality of colonoscopy reports: Results from a multicenter consortium. *Gastrointestinal Endoscopy*, 69, 645-653. doi:10.1016/j.gie.2008.08.034
- [24] Simmons, D.T., Harewood, G.C., Baron, T.H., Petersen, B.T., Wang, K.K., Boyd-Enders, F., et al. (2006) Impact of endoscopist withdrawal speed on polyp yield: Implications for optimal colonoscopy withdrawal time. *Alimentary Pharmacology & Therapeutics*, 24, 965-971. doi:10.1111/j.1365-

- [25] Savides, T.J., Chang, K. and Cotton, P. (2004) Possible features of current electronic endoscopic information systems: What to look for. *Gastrointestinal Endoscopy Clinics of North America*, 14, 735-743, x. doi:10.1016/j.giec.2004.05.005
- [26] Eisen, G.M. (1999) Endoscopic databases and outcomes research. *Gastrointestinal Endoscopy Clinics of North America*, 9, 587-594, vi.
- [27] Sivak, M.V., Jr. (2000) Endoscopy databases and endoscopic research. *Gastrointestinal Endoscopy*, 51, 243-244. doi:10.1016/S0016-5107(00)70434-2
- [28] Cooper, G. and Sivak, M.V., Jr. (2000) More on endoscopy databases. *Gastrointestinal Endoscopy*, 51, 759-761. doi:10.1067/mge.2000.106313
- [29] Minoli, G., Meucci, G., Prada, A., Terruzzi, V., Bortoli, A., Gullotta, R., et al. (1999) Quality assurance and colonoscopy. *Endoscopy*, 31, 522-527. doi:10.1055/s-1999-54
- [30] Korman, L.Y. (1999) Standardization in endoscopic reporting: Implications for clinical practice and research. *Journal of Clinical Gastroenterology*, 28, 217-223. doi:10.1097/00004836-199904000-00006
- [31] Kruss, D.M. and Watkins, J.L. (1993) Computer programs in gastrointestinal endoscopy: Issues, problems, and solutions. *Gastroenterologist*, 1, 185-191.
- [32] Maratka, Z. (1983) Toward a better endoscopic terminology. *Gastrointestinal Endoscopy*, 29, 136-137. doi:10.1016/S0016-5107(83)72554-X
- [33] Rex, D.K. (2000) Colonoscopic withdrawal technique is associated with adenoma miss rates. *Gastrointestinal Endoscopy*, 51, 33-36. doi:10.1016/S0016-5107(00)70383-X
- [34] Armstrong, D., Hollingworth, R., Macintosh, D., Chen, Y., Daniels, S., Gittens, S., et al. (2011) Point-of-care, peer-comparator colonoscopy practice audit: The Canadian association of gastroenterology quality program— *Endoscopy*. *Canadian Journal of Gastroenterology*, 25, 13-20.
- [35] Atkin, W., Rogers, P., Cardwell, C., Cook, C., Cuzick, J., Wardle, J., et al. (2004) Wide variation in adenoma detection rates at screening flexible sigmoidoscopy. *Gastroenterology*, 126, 1247-1256. doi:10.1053/j.gastro.2004.01.023
- [36] Douglas, K., et al. (2006) Quality indicators for colonoscopy. *The American Journal of Gastroenterology*, 101, 873-885.
- [37] Rex, D.K., Petrini, J.L., Baron, T.H., Chak, A., Cohen, J., Deal, S.E., et al. (2006) Quality indicators for colonoscopy. *The American Journal of Gastroenterology*, 101, 873-885.
- [38] Weinstein, M.L. and Korman, L.Y. (2002) Information management. *Gastrointestinal Endoscopy Clinics of North America*, 12, 313-324. doi:10.1016/S1052-5157(01)00012-5
- [39] Stoltzing, H., Birkner, B., Lindlar, R., Ohmann, C., Zaczyk, R., Kuntzen, O., et al. (1989) Computer-assisted documentation in upper gastrointestinal endoscopy: Experiences with routine use at 3 clinics. *Zeitschrift für Gastroenterologie*, 27, 667-675.
- [40] Soekhoe, J.K., Groenen, M.J., van Ginneken, A.M., Khaliq, G., Lesterhuis, W., van Tilburg, A.J., et al. (2007) Computerized endoscopic reporting is no more time-consuming than reporting with conventional methods. *European Journal of Internal Medicine*, 18, 321-325. doi:10.1016/j.ejim.2007.04.001
- [41] Sackmann, M., Rosette, R., Busl, T., Sauter, G., Fischer, G., Hengstenberg, T., et al. (1998) A scientific relational database combined with a report generator for endoscopy in networks: EndoNet. *Endoscopy*, 30, 610-616. doi:10.1055/s-2007-1001365
- [42] Gouveia-Oliveira, A., Raposo, V.D., Salgado, N.C., Almeida, I., Nobre-Leitao, C. and de Melo, F.G. (1991) Longitudinal comparative study on the influence of computers on reporting of clinical data. *Endoscopy*, 23, 334-337. doi:10.1055/s-2007-1010710
- [43] Kuhn, K., Gaus, W., Wechsler, J.G., Janowitz, P., Tudyka, J., Kratzer, W., et al. (1992) Structured reporting of medical findings: Evaluation of a system in gastroenterology. *Methods of Information in Medicine*, 31, 268-274.
- [44] Aabakken, L., Westerheim, J., Hofstad, B., Larsen, S. and Osnes, M. (1991) SADE database for

endoscopic procedures: Aspects of clinical use. *Endoscopy*, 23, 269-271. doi:10.1055/s-2007-1010684

- [45] Jacob, U., Foerster, E.C., Stettin, J., Schubbe, H., Domschke, W. (1994) Structured documentation in gastroscopy: A method for improved quality assurance? *Zeitschrift für Gastroenterologie*, 32, 514-518.
- [46] Irvine, D. (1997) The performance of doctors. II: Maintaining good practice, protecting patients from poor performance. *British Medical Journal*, 314, 1613-1615. doi:10.1136/bmj.314.7094.1613
- [47] Irvine, D. (1997) The performance of doctors. I: Professionalism and self regulation in a changing world. *British Medical Journal*, 314, 1540-1542. doi:10.1136/bmj.314.7093.1540
- [48] Thomas, R.D., Fairhurst, J.J. and Frost, R.A. (1995) Wessex regional radiology audit: Barium enema in colorectal carcinoma. *Clinical Radiology*, 50, 647-650. doi:10.1016/S0009-9260(05)83297-0