Methods for evaluating the quality of information on health websites: Systematic Review (2001-2014)

Métodos para avaliar a qualidade das informações nos websites de saúde: Revisão Sistemática (2001-2014)

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ABSTRACT

The Internet is a major source of health information, but the poor quality of the information has been criticized for decades. We looked at methods for assessing the quality of health information, updating the findings of the first systematic review from 2002. We searched 9 Health Sciences, Information Sciences, and multidisciplinary databases for studies. We identified 7,718 studies and included 299. Annual publications increased from 9 (2001) to 53 (2013), with 89% from developed countries. We identified 20 areas of knowledge. Six tools have been used worldwide, but 43% of the studies did not use any of them. The methodological framework of criteria from the first review has been the same. The authors were the evaluators in 80% of the studies. This field of evaluation is expanding. No instrument simultaneously covers the evaluation criteria. There is still a need for a methodology involving experts and users and evidence-based indicators of accuracy.

Keywords: Methods, Standards, Evaluation, Internet, Systematic Review.

1 INTRODUCTION

The Internet has contributed to technological changes in the 20th and 21st centuries (CONTI et al., 2012), especially in the search for information (BARBOSA, 2013). The Internet is one of the main sources of health information (DEL GIGLIO et al., 2012; GUARDIOLA-WANDEN-BERGHE; SANZ-VALERO; WANDEN-BERGHE, 2012). However, the quality of online information is often insufficient or unsatisfactory (DEL GIGLIO et al., 2012; GUARDIOLA-WANDEN-BERGHE; SANZ-VALERO; WANDEN-BERGHE, 2012;). The average citizen can be affected by this problem as they have difficulty judging the quality of information (GUARDIOLA-WANDEN-BERGHE;

SANZ-VALERO; WANDEN-BERGHE, 2012). Faced with this problem, it is recommended that each interest group does its filtering of reliable sources (LÉVY, 2001). Assessing the quality of health information on the Internet is a challenge (DEL GIGLIO, A. et al. 2012).

A systematic review (EYSENBACH et al., 2002) of evaluation studies was published in 2002. It compiled evaluation criteria and established a methodological framework for evaluation processes. The time that has passed since its publication may justify the need for a new review and indicate the outdatedness of the evidence gathered. The Web has witnessed significant changes over the years, both in the way websites are built and located, and in the new patterns of relationships established through social networks.

While undertaking our systematic review, Zhang, Sun, and Xie (2015) prepared a review on the same topic. However, their sample only included studies published in English. In our review, there was no restriction on language. This feature made our sample reach almost twice as many studies as the sample compiled Zhang, Sun, and Xie (2015). Besides, our review followed the methodology proposed by The Cochrane Collaboration, while the one published by Zhang, Sun, and Xie (2015) did not follow the same methodological rigor. In this sense, our article updates the knowledge of this field of study with greater rigor, even though our search was included publications up to June 2014. Finally, it should be noted that there is no other systematic review on the topic containing articles published after the year 2014.

The aim of the present review was therefore to identify methods for evaluating the quality of information on health websites, updating the systematic review on this topic published in 2002.

2 METHODOLOGY

This review followed the methodology proposed by the Cochrane Collaboration (HIGGINS; GREEN, 2011).

The inclusion criteria were studies published from 2001 to June 2014, in any language and that (1) evaluated the quality of health information on the Web; (2) evaluated information on pages, websites, or portals; and (3) applied criteria for assessing the quality of information or compared it with other media.

As exclusion criteria, we removed studies that did not exclusively evaluate the quality of health information on the Web; also investigated this issue in social networks and applications; or that did not present the criteria used in the evaluations.

We conducted our search for studies between May 8 and June 10, 2014, in the following bibliographic bases: "Medical Literature Analysis and Retrieval System Online" (MEDLINE), by "PubMed"; "Web of Science"; the "Latin American and Caribbean Center on Health Sciences

Information" (BIREME); "Cochrane Library"; "Current Nursing and Allied Health Literature" (CINAHL); "Library and Information Science Abstracts" (LISA); "Library, Information Science & Technology Abstracts" (LISTA); the first 10 pages of "Google Acadêmico" and in "Scientific Electronic Library Online" (SciELO).

The search strategy was composed of three concepts: (quality or reliability or accuracy or readability or evaluation or assessment) AND (information or education or advice) – Title only - AND (internet or web or site* or website* or homepage* or online OR "online" or www or "World Wide Web" or health or "e-health").

We used the Mendeley software for managing references. Two reviewers classified the studies into included, excluded, or doubtful by reading the titles and abstracts. They then assessed eligibility through an online form. We calculated Kappa (κ) to monitor these two steps due to the high number of studies identified (HIGGINS; GREEN, 2011). Disagreements were resolved in consensus meetings.

We collected the following characteristics of the studies using an online form: country; area of knowledge; method for selecting sites; evaluated sites reported ; quality criteria; description of evaluation indicators; evaluators; technological processes for assessing readability; and use of a reliable sources as references in the evaluation. Data were not collected on the results of the evaluations performed by the studies, but rather on the methods. Our goal was to verify which criteria were used, whether or not users and professionals participated in evaluating the sites and other methodological aspects. For this reason, the use of a bias risk assessment tool was not necessary.

In the analysis, we included characteristics present in at least 3 studies and with κ greater than or equal to 0.6 to ensure the relevance of the evidence found.

3 RESULTS

We identified 7,718 studies and arrived at 5,444 records after removing duplicates. We selected 410 potential eligible studies ($\kappa=0.6$) and assessed eligibility through the full texts ($\kappa=0.61$). Thus, we included 299 distinct studies in the analysis (Appendix A). Figure 1 presents the steps taken in the selection process.

Figure 1. Flow Diagram of Study Inclusion

Regarding the characteristics of the studies (complete list in Appendix B), we found 9 studies published in 2001 and 53 in 2013. There was a progressive growth of studies evaluating the quality of health information on the Web, accentuated in the last years of the analyzed period (Figure 2).

Figure 2. Studies by year of publication

Twenty fields of knowledge were included either by the health theme of the study or by the field of the first author. Otherwise, the reviewers interpreted it according to the text.

Overall, we identified 20 subject areas in the Health Sciences. The three areas with the highest number of studies were Oncology (7.7%), Orthopedics (7%), and Psychiatry (6.4%), while Nutrition (2.3%) and Infectious and Parasitic Diseases (2%) had lower representation . We also grouped by medical areas (49%), related to clinical practice, and non-medical areas (19%). The areas considered non-medical related to research on Nursing, Pharmacy, Physiotherapy, and Occupational Therapy, Nutrition, Dentistry, and Public Health.

We identified two methods of site selection used in the studies: type of search engine (83%), samples obtained through sites such as Google, Bing, and Ask; and arbitrary (9%), samples chosen according to a specific criterion. Most of the studies (54%) did not report the name or address of the sites evaluated. Only 36% of the studies presented this information.

Regarding the quality criteria, we collected the data in two ways.

The first concerns the tools developed by website evaluation initiatives that are linked to established and recognized institutions in academia and associations. The 6 tools included in the

analysis were DISCERN (23%), HONcode (18%), JAMA Benchmarks (5%), LIDA (4%), IQ-Tool (3%), and Michigan Score (1%). Just like the number of publications, the use of these tools has grown over the years. When grouping them by continent of origin, the two most used along with the fourth come from Europe. The others are from North America. DISCERN and HONcode ~~is~~ are present in studies in different places around the world; ~~;~~ , even North American authors themselves have used the European tools more than the North American tools.

The second way we collected data comprised the 5 criteria summarized in the first systematic review (EYSENBACH et al., 2002): technical (T), the general and domain-independent criterion about the way information is presented, as well as its meta-information, i.e. authorship, source of information, date of publication, etc.; design (D), criterion related to the visual aspect of a site; readability (L), a criterion that covers the reading level of a document, that is, whether it is easy or difficult to understand; accuracy (AC), criterion about the degree to which information agrees with the best medical evidence or that which is generally accepted; comprehensiveness (AB), a criterion for checking information covered by sites. During our analysis, we interpreted the criteria used by the studies according to these definitions by Eysenbach et al. (2002), even if this criteria used other names. The proportion of each criterion in our sample was AC (63%), L (39%), AB (27%), T (26%), and D (17%).

However, 43% of the studies used only these criteria and explicitly presented the indicators employed in their evaluations. Among these, 79% of the reported indicators are AC; 41%, AB; 38%, T; 23%, D; and 6%, L.

A relevant characteristic of evaluation processes is who evaluated the information. We divided the evaluators into 3 categories: author - when there was no mention of who played this role; specialist - when the participation of other professionals besides the authors was mentioned; and users - when a patient, relative, or an ordinary citizen participated. Most studies (80%) had the authors themselves as reviewers. The participation of experts (8%) and users (5%) was minimal. We also broke down the profiles of these two last categories of reviewers.

The users, for their part, were categorized into 5 groups. First, the patient group consists of people who were experiencing or had experienced the health problems evaluated in the studies. The number of participants in these studies varied considerably (n=15), from 1 (BREAKEY et al., 2009) to 324 (BENOTSCH; KALICHMAN; WEINHARDT, 2004) participants. The second group of non-specialists is made up of individuals without training in the health topic and who have not been affected by the health problems evaluated. They involved a "non-expert observer" (AUVIN; DUPONT, 2013), four "undergraduate students" (IRWIN et al., 2011), and two "people with no medical training but a bachelor's degree" (LEVEQUE et al., 2007). We did not find any criteria that would justify the choice of these evaluators. The third group, parents of patients, participated together with patients in one of

the studies (KNIJNENBURG et al., 2013) and alone in another (MONTTOYA et al., 2013). The caregiver's group, comprised people who worked or had worked in this role, was present in only 1 study (BERK et al., 2013). The fifth group of consumers did not follow any specific criteria for the choice of participants and was found in 2 studies (MAK et al., 2012; OERMANN; PASMA, 2001).

The experts were grouped according to the number of participants in the studies ($n=25$). Most studies ($n=15$) had 2 to 3 experts involved. Three studies had a slightly larger number of participants. Five studies did not report the number of participants.

It is important to highlight that 7 (2.5%) studies combined both users and experts to evaluate the information from both perspectives (BAILEY et al., 2013; BENOTSCH; KALICHMAN; WEINHARDT, 2004; BREakey et al., 2009; LEVEQUE et al., 2007; MAKAR et al., 2008; MCGILL JF et al., 2009; MONTTOYA et al., 2013). The only study that featured significant participation from both categories of raters, 16 experts and 35 users, was conducted by Montoya et al. (2013).

We identified the evaluation processes used for determining the readability criterion. Among the 116 (39%) studies, only eleven did not use technological processes, that is, computer programs and mathematical formulas to calculate the readability level of written texts. The two most used technologies were the Flesch-Kincaid Grade Level (64%) and the Flesch Reading Ease (50%). They were originally developed for the English language but can be modified for other languages (ALBA-RUIZ et al., 2013).

For the accuracy criterion, we identified whether the evaluation of the quality of the information was carried out employing the judgment of evaluators with professional backgrounds appropriate to the areas of study or by comparison with bibliographic material considered reliable. In the latter case, the material can be a book, an article, a guide, a primer, or a manual. Therefore, we collected whether the study used (39%) or not (40%) any bibliography in the evaluation process.

4 DISCUSSION

Eysenbach et al. (2002) searched for studies published through 2001 and came up with a sample of 79 studies. Our sample, from a search from 2001 to May 2017, found 299 studies. Our objectives were similar. The main difference was that we limited ourselves to the evaluation methods, while they also aimed to obtain a result regarding the quality of the evaluated sites.

We observed a substantial increase in publications on this topic from 2011 ($n=23$) to 2012 ($n=45$) and 2013 ($n=53$). This growth may be related to increased Internet access and, consequently, the academic-scientific concern with the quality of information.

There are studies from all continents but Europe (41.5%) and North America (39.8%) have the largest number of publications, and 89% of the studies come from developed countries, with high HDI and better socioeconomic conditions, showing a greater concern with online information.

The most common health issues in the sites evaluated were cancer and osteoporosis. Infectious and parasitic diseases such as tuberculosis and dengue, typical of poor societies, were identified in only 6 studies (2%). We can say that this field of evaluation has not prioritized health issues that affect disadvantaged populations.

Most of the identified areas are medical (n=148). Physicians usually evaluate sites about subjects in their field and publish in related journals (n=94).

4.1 METHODS FOR SELECTING WEBSITES

The most common method was a search engine (83%) that employs statistical methods and inclusion criteria for selecting results appearing on the sites of search engines likely to be accessed by the public. These sites present results limited by the “filter bubble” (PARISER, 2012), which are algorithms that combine information about the users, i.e. their Web profile, to optimize and personalize the results. In this way, what is outside the bubble is invisible. Therefore, we recommend that site samples be obtained on the devices accessed by the target audience of the information, or on devices with a similar usage profile.

Transparency in the presentation of the names and electronic addresses of the sites evaluated is a relevant step in the evaluation processes for the public to know which sources are reliable or of low quality. Most studies did not present the sites (54%) and many reported only those that were well evaluated.

4.2 QUALITY CRITERIA

The criteria of accuracy, readability, comprehensiveness, technical, and design, compiled by Eysenbach et al. (2002), can be considered up-to-date because they were the most present criteria in the studies. We highlight the sharp growth of readability (39%) since 2002 (14%) (EYSENBACH et al., 2002). It went from the fifth to the second most used criterion, demonstrating greater concern with easy comprehension of the information.

We also identified the need for modifying how accuracy is defined. Eysenbach et al. (2002) defined accuracy as the degree to which information agrees with the best evidence or with generally accepted medical practice. However, generally accepted medical practice is often not based on the best scientific evidence (PRASAD; GALL; CIFU, 2011). Therefore, we propose that the accuracy criterion be defined as the degree to which the information agrees with the best scientific evidence available at

the time (STRAUS et al., 2011). This proposal answers calls by Eysenbach and colleagues, who, at the end of their review, focus on the discrepancies that exist between evidence-based medicine and health information on the Internet (EYSENBACH et al., 2002).

Next, we observed the explicitness of quality indicators in less than half of the studies that did not adhere to the international tools, that is, those that used the criteria to construct their indicators (43%). Except for accuracy (79%), all other criteria had low indicator explicitness (<42%). Without indicators, it is difficult to know what exactly was evaluated.

Like Eysenbach and colleagues, we also identified the same 6 international tools used as quality criteria. For example, both European tools DISCERN and HONcode have become international references, as they are present in at least one study on each continent. However, none of the 6 tools simultaneously addresses the 5 criteria compiled by Eysenbach et al. (2002) and validated in our update of this review. This is a problem because all 5 cover different dimensions of information quality and the absence of one compromises a methodologically rigorous assessment.

4.3 HEALTH INFORMATION EVALUATORS

The authors of the studies were mainly themselves the evaluators. The participation of experts and users is negligible. Participation does not follow any standards because the number and criteria for choice are variable. Most studies included 2 or 3 experts, and some studies did not even inform the number of experts.

We found the simultaneous participation of experts and users in only 7 studies (2.3%). There is no relationship between the numbers in each category. Only 1 (MONTROYA et al., 2013) Spanish study had a balanced quantity: 16 experts and 35 users. However, among the users, 70% had higher education and 80% were between 30 and 50 years old. These users did not represent the profile of the majority of the Spanish population as 30% fit this profile (INE, 2015).

4.4 LEGIBILITY ASSESSMENT

According to Eysenbach et al. (2002), none of the studies relied on real consumers or experts in readability assessments. They assessed readability using technological processes that disregard medical jargon, writing styles, and cultural factors of language (EYSENBACH et al., 2002). We found that 105 out of 116 readability studies did the same.

Of the remaining 11, 7 had the authors themselves as reviewers who are experts affiliated with institutions in medical fields (EL-ZAMMAR; GFELLER-INGLEDEW, 2010; KHAZAAL et al., 2007; MALAFAIA; RODRIGUES, 2010; MAZZOLENI et al., 2001; MULHALL; ROJAZ-CRUZ; MULLER, 2010; SCALI; INGLEDEW, 2011; TOUCHET et al., 2007). The other 4 studies had users

as evaluators of the information: patients, consumers, or non-specialists (GLENTON; NILSEN; CARLSEN, 2006; LEVEQUE et al., 2007; MAK et al., 2012; NICOLSON et al., 2011). These studies applied different methods. We did not find a validated instrument for this criterion.

Therefore, the statement by Eysenbach et al. (2002) can be considered current if we compare the quantities of studies with users and technological processes evaluating readability.

4.5 USE OF BIBLIOGRAPHICAL REFERENCE

We found strong evidence that the use of bibliographic references is likely incorporated in the evaluation criterion adopted. Usage is highest in studies with the accuracy criterion (score-z 4.0) and lowest with the readability criterion (score-z -6.7). Since accuracy serves to verify that information is following the best scientific evidence, bibliographic use is a must. We did not identify any studies supporting their evaluations of accuracy in systematic reviews. The failure to incorporate the evidence from systematic reviews in the construction of evaluation indicators is a serious gap in this field of evaluation.

5 CONCLUSION

We did not identify any studies supporting their evaluations of accuracy in systematic reviews. To date, there is no instrument simultaneously containing evaluation indicators for the criteria accuracy, readability, comprehensiveness, technical, and design, and that has been validated by psychometric techniques to measure the construct of information. There is still the need to structure a methodology that, among other characteristics, involves specialists and users in judging the quality of the information and building accuracy indicators based on the best scientific evidence, preferably from systematic reviews.

REFERENCES

- ALBA-RUIZ, R. et al. Adapting the Content of Cancer Web Sites to the Information Needs of Patients: Reliability and Readability. *Telemedicine and E-Health*, v. 19, n. 12, p. 956–966, dez. 2013.
- AUVIN, S.; DUPONT, S. Quality of health information about epilepsy on the Internet: Evaluation of French websites. *Revue neurologique*, v. 169, n. 3, p. 234–239, mar. 2013.
- BAILEY, S. J. et al. Evaluation of chronic pain-related information available to consumers on the Internet. *Pain medicine (Malden, Mass.)*, v. 14, n. 6, p. 855–864, jun. 2013.
- BARBOSA, A. Survey on the use of information and communication technologies in Brazil: ICT households and enterprises 2011. São Paulo: [s.n.].
- BENOTSCH, E. G.; KALICHMAN, S.; WEINHARDT, L. S. HIV-AIDS patients' evaluation of health information on the internet: the digital divide and vulnerability to fraudulent claims. *Journal of consulting and clinical psychology*, v. 72, n. 6, p. 1004–1011, dez. 2004.
- BERK, L. et al. Evaluation of the acceptability and usefulness of an information website for caregivers of people with bipolar disorder. *BMC medicine*, v. 11, 2013.
- BREAKEY, V. R. et al. The Quality and Accuracy of Hemophilia Information on the Internet. *Blood*, v. 114, n. 22, p. 105–105, nov. 2009.
- CONTI, M. A. et al. Evaluation of semantic equivalence and internal consistency of a Portuguese version of the Internet Addiction Test (IAT). *Revista de Psiquiatria Clínica*, v. 39, n. 3, p. 106–110, 2012.
- DEL GIGLIO, A. et al. Quality of internet information available to patients on websites in Portuguese. *Revista da Associação Médica Brasileira*, v. 58, n. 6, p. 645–649, nov. 2012.
- EL-ZAMMAR, D. N.; GFELLER-INGLEDEW, P. Don't Believe Everything You Read: An Evaluation of the Quality of Information Available on the Internet and the Usage of Internet Resources by Lung Cancer Patients. *International Journal of Radiation Oncology Biology Physics*, v. 78, n. 3, p. S496–S496, 2010.
- EYSENBACH, G. et al. Empirical Studies Assessing the Quality of Health Information for Consumers on the World Wide Web. *JAMA*, v. 287, n. 20, p. 2691–2700, 22 maio 2002.
- GLENTON, C.; NILSEN, E. S.; CARLSEN, B. Lay perceptions of evidence-based information--a qualitative evaluation of a website for back pain sufferers. *BMC health services research*, v. 6, 2006.
- GUARDIOLA-WANDEN-BERGHE, R.; SANZ-VALERO, J.; WANDEN-BERGHE, C. Quality assessment of the Website for Eating Disorders: a systematic review of a pending challenge. *Ciência & Saúde Coletiva*, v. 17, n. 9, p. 2489–2497, set. 2012.
- HIGGINS, J.; GREEN, S. *Cochrane Handbook for Systematic Reviews of Interventions Version 5.1.0 [updated March 2011]*. The Cochrane Colaboration, 2011. Disponível em: <www.cochrane-handbook.org>. Acesso em: 21 maio. 2018

INE. INSTITUTO NACIONAL DE ESTADÍSTICA. Nivel de estudios de la población adulta (de 25 a 64 años). Disponível em: <<http://www.ine.es/ss/Satellite?>>. Acesso em: 13 fev. 2015.

IRWIN, J. Y. et al. English and Spanish oral cancer information on the internet: a pilot surface quality and content evaluation of oral cancer web sites. *Journal of public health dentistry*, v. 71, n. 2, p. 106–116, 2011.

KHAZAAL, Y. et al. Quality of web based information on social phobia. *International Journal of Psychiatry in Clinical Practice*, v. 11, n. 4, p. 325–325, 2007.

KNIJNENBURG, S. L. et al. Evaluation of a patient information website for childhood cancer survivors. *Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer*, v. 21, n. 4, p. 919–926, abr. 2013.

LEVEQUE, M. et al. Evaluation of neuro-oncology information for French speaking patients on the Internet. *Neurochirurgie*, v. 53, n. 5, p. 343–355, nov. 2007.

LÉVY, P. *Cybercultura*. São Paulo: Editora 34, 2001.

MAK, D. B. et al. Evaluation of a sexual health and blood-borne virus health education website for youth. *Health promotion journal of Australia : official journal of Australian Association of Health Promotion Professionals*, v. 23, n. 3, p. 194–200, dez. 2012.

MAKAR, B. et al. What is the quality of information about bariatric surgery on the internet? *Obesity surgery*, v. 18, n. 11, p. 1455–1459, nov. 2008.

MAZZOLENI, M. C. et al. Health consumer and WWW in Italy: Evaluation of static information and interactive communication services. In: PATEL, V. L.; ROGERS, R.; HAUX, R. (Eds.). Amsterdam: I O S Press, 2001. v. 84p. 1306–1306.

MCGILL JF et al. World wide what? The quality of information on parathyroid disease available on the Internet. *Surgery*, v. 146, n. 6, p. 1123–9, 2009.

MONTOYA, A. et al. Evaluating Internet information on attention-deficit/hyperactivity disorder (ADHD) treatment: parent and expert perspectives. *Education for health (Abingdon, England)*, v. 26, n. 1, abr. 2013.

MULHALL, J. P.; ROJAZ-CRUZ, C.; MULLER, A. An analysis of sexual health information on radical prostatectomy websites. *BJU international*, v. 105, n. 1, jan. 2010.

NICOLSON, D. J. et al. Combining Concurrent and Sequential Methods to Examine the Usability and Readability of Websites With Information About Medicines. *Journal of Mixed Methods Research*, v. 5, n. 1, p. 25–51, jan. 2011.

OERMANN, M. H.; PASMA, J. Evaluation by consumers of quality care information on the Internet. *Journal of Nursing Care Quality*, v. 15, n. 3, p. 50–58, abr. 2001.

PARISER, E. *The Filter Bubble: What the Internet is Hiding From You*. London: Penguin Books, 2011.].

PRASAD, V.; GALL, V.; CIFU, A. The frequency of medical reversal. Archives of Internal Medicine, v. 171, n. 18, p. 1675–1676, 10 out. 2011.

SCALI, E.; INGLEDEW, P. MELANOMA PATIENT INFORMATION: ASSESSMENT OF THE QUALITY OF INTERNET-BASED INFORMATION RESOURCES. Journal of Investigative Medicine, v. 59, n. 1, p. 183–184, jan. 2011.

STRAUS, S. et al. Evidence-based medicine : how to practice and teach it. 4. ed. [s.l.] Elsevier Churchill Livingstone, 2011.

TOUCHET, B. K. et al. Evaluating the quality of websites offering information on female hypoactive sexual desire disorder. Journal of sex & marital therapy, v. 33, n. 4, p. 329–342, set. 2007.

ZHANG, Y.; SUN, Y.; XIE, B. Quality of health information for consumers on the web: A systematic review of indicators, criteria, tools, and evaluation results. Journal of the Association for Information Science & Technology, v. 66, n. 10, p. 2071–2084, 26 maio 2015.

APPENDIX A - References of the studies included in the analysis

#	References
1	CORPRON, C. A.; LELLI, J. L. Evaluation of pediatric surgery information on the internet. Journal of Pediatric Surgery, v. 36, n. 8, p. 1187?1189, ago. 2001.
2	D'ALESSANDRO DM et al. The readability of pediatric patient education materials on the World Wide Web. Archives of Pediatrics & Adolescent Medicine, v. 155, n. 7, p. 807?12, jul. 2001.
3	DIERING, C.; PALMER, M. Continence care. Professional information about urinary incontinence on the World Wide Web: is it timely? Is it accurate? Journal of Wound, Ostomy & Continence Nursing, v. 28, n. 1, p. 55?62, 2001.
4	GRIFFITHS, K.; CHRISTENSEN, H. The quality of web-based information on the treatment of depression. Australian and New Zealand Journal of Psychiatry, v. 35, n. 4, p. A9?A9, ago. 2001a.
5	GROOT, D. et al. Comparison of search strategies and quality of medical information of the internet: a study relating to ankle sprain. Injury-International Journal of the Care of the Injured, v. 32, n. 6, p. 473?476, jul. 2001.
6	MAZZOLENI, M. C. et al. Health consumer and WWW in Italy: Evaluation of static information and interactive communication services. In: PATEL, V. L.; ROGERS, R.; HAUX, R. (Eds.). . Amsterdam: I O S Press, 2001. v. 84p. 1306?1306.
7	MERIC, F. et al. Quality and accuracy of breast cancer information on the World Wide Web. Breast Cancer Research and Treatment, v. 69, n. 3, p. 268?268, 2001.
8	OERMANN, M. H.; PASMA, J. Evaluation by consumers of quality care information on the Internet. Journal of Nursing Care Quality, v. 15, n. 3, p. 50?58, abr. 2001.
9	POSANI, T. Patient education web sites: balancing readability and reliability. American Journal of Nursing, v. 101, n. 10, p. 36?36, out. 2001.
10	ADEMILUYI; CHARLOTTE E REES; CHARLOTTE E SHEARD. Quality of smoking cessation information on the Internet: a cross-sectional survey study. Journal of Documentation, v. 58, n. 6, p. 649, 2002.
11	ALLEN, J. W. et al. The poor quality of information about laparoscopy on the World Wide Web as indexed by popular search engines. Surgical endoscopy, v. 16, n. 1, p. 170?172, jan. 2002.
12	CHESTNUT, I. G. The nature and quality of periodontal-related patient information on the World Wide Web. Journal of Dental Research, v. 81, p. A433?A433, mar. 2002.
13	COOKE A; GRAY L. Evaluating the quality of internet-based information about alternative therapies: development of the BIOME guidelines. J Public Health Med, v. 24, n. 4, p. 261?7, 2002.
14	CROFT DR; PETERSON MW. An evaluation of the quality and contents of asthma education on the World Wide Web. Chest, v. 121, n. 4, p. 1301?7, 2002.

- 15 FALLIS, D.; FRICKE, M. Indicators of accuracy of consumer health information on the Internet: a study of indicators relating to information for managing fever in children in the home. *Journal of the American Medical Informatics Association : JAMIA*, v. 9, n. 1, p. 73?79, fev. 2002.
- 16 GRIFFITHS, K.; CHRISTENSEN, H.; EVANS, K. Pharmaceutical company websites as sources of information for consumers: how appropriate and informative are they? *Disease Management & Health Outcomes*, v. 10, n. 4, p. 205?214, abr. 2002.
- 17 JEJURIKAR, S. S. et al. Evaluation of plastic surgery information on the Internet. *Annals of plastic surgery*, v. 49, n. 5, p. 460?465, nov. 2002.
- 18 KARP, S.; MONROE, A. F. Quality of healthcare information on the Internet: caveat emptor still rules. *Managed care quarterly*, v. 10, n. 2, 2002.
- 19 KUNST, H. et al. Accuracy of information on apparently credible websites: survey of five common health topics. *BMJ (Clinical research ed.)*, v. 324, n. 7337, p. 581?582, mar. 2002.
- 20 KUNST, H.; KHAN, K. S. Quality of web-based medical information on stable COPD: comparison of non-commercial and commercial websites. *Health information and libraries journal*, v. 19, n. 1, p. 42?48, mar. 2002.
- 21 KUSEC, S. et al. Readability of patient information on diabetes on the Croatian Web sites. *Studies in health technology and informatics*, v. 90, p. 128?132, 2002.
- 22 MARTIN-FACKLAM, M. et al. Quality markers of drug information on the Internet: an evaluation of sites about St. John?s wort. *The American journal of medicine*, v. 113, n. 9, p. 740?745, dez. 2002.
- 23 MARTIN-FACKLAM, M.; KOSTRZEWA, M.; HAEFELI, W. E. Are there markers of high quality internet sites about drug information? An evaluation of sites on sildenafil. *European Journal of Clinical Pharmacology*, v. 58, n. 7, p. S81?S81, out. 2002.
- 24 MERIC, F. et al. Breast cancer on the world wide web: cross sectional survey of quality of information and popularity of websites. *BMJ (Clinical research ed.)*, v. 324, n. 7337, p. 577?581, mar. 2002.
- 25 NOLLAN, R. Internet information on heart disease in men. *Health Care on the Internet*, v. 6, n. 1/2, p. 79?89, 2002.
- 26 REED, M.; ANDERSON, C. Evaluation of patient information Internet web sites about menopause and hormone replacement therapy. *Maturitas*, v. 43, n. 2, p. 135?154, out. 2002.
- 27 SOUDER, E.; O?SULLIVAN, P.; VANPELT, C. Evaluation of Alzheimer?s disease web site information. *Neurobiology of Aging*, v. 23, n. 1, p. S548?S548, ago. 2002.
- 28 ADEMILUYI, G.; REES, C. E.; SHEARD, C. E. Evaluating the reliability and validity of three tools to assess the quality of health information on the Internet. *Patient education and counseling*, v. 50, n. 2, p. 151?155, jun. 2003.
- 29 BARTELS, U. et al. [Analysis of paediatric neuro-oncological information on the Internet in German language]. *Klinische Padiatrie*, v. 215, n. 6, p. 352?357, dez. 2003.
- 30 BATH, P. A.; BOUCHIER, H. Development and Application of a Tool Designed to Evaluate Web Sites Providing Information on Alzheimer?s Disease. *Journal of Information Science*, v. 29, n. 4, p. 279?297, ago. 2003.
- 31 ELLIS, M.; THOMSON, C. Consumer health information on the WWW: an evaluation of information on verrucae. *Foot*, v. 13, n. 3, p. 130?135, set. 2003.
- 32 HARGRAVE, D. et al. [Quality of childhood brain tumour information on the Internet in French language]. *Bulletin du cancer*, v. 90, n. 7, p. 650?655, jul. 2003.
- 33 KISELY, S.; ONG, G.; TAKYAR, A. A survey of the quality of web based information on the treatment of schizophrenia and Attention Deficit Hyperactivity Disorder. *The Australian and New Zealand journal of psychiatry*, v. 37, n. 1, fev. 2003.
- 34 KRONES, C. J. et al. [Information on the Internet for patients and general practitioners?critical analysis using the example of inguinal hernia]. *Der Chirurg; Zeitschrift fur alle Gebiete der operativen Medizen*, v. 74, n. 8, p. 762?767, ago. 2003.
- 35 LEE CT et al. Bladder cancer facts: accuracy of information on the Internet. *J Urol*, v. 170, n. 5, p. 1756?60, 2003.
- 36 MADAN, A. K.; FRANTZIDES, C. T.; PESCE, C. E. The quality of information about laparoscopic bariatric surgery on the Internet. *Surgical endoscopy*, v. 17, n. 5, p. 685?687, maio 2003.
- 37 OERMANN, M. H. et al. Evaluation of asthma websites for patient and parent education. *Journal of pediatric nursing*, v. 18, n. 6, p. 389?396, dez. 2003.

- 38 SEIDMAN, J. J.; STEINWACHS, D.; RUBIN, H. R. Design and testing of a tool for evaluating the quality of diabetes consumer-information Web sites. *Journal of medical Internet research*, v. 5, n. 4, nov. 2003.
- 39 TATSIONI A et al. Important drug safety information on the internet: assessing its accuracy and reliability. *Drug Saf*, v. 26, n. 7, p. 519?27, 2003.
- 40 BENOTSCH, E. G.; KALICHMAN, S.; WEINHARDT, L. S. HIV-AIDS patients? evaluation of health information on the internet: the digital divide and vulnerability to fraudulent claims. *Journal of consulting and clinical psychology*, v. 72, n. 6, p. 1004?1011, dez. 2004.
- 41 COOPER, J. D.; FEDER, H. M. J. Inaccurate information about lyme disease on the internet. *The Pediatric infectious disease journal*, v. 23, n. 12, p. 1105?1108, dez. 2004.
- 42 ENGLAND, C. Y.; NICHOLLS, A. M. Advice available on the Internet for people with coeliac disease: an evaluation of the quality of websites. *Journal of human nutrition and dietetics : the official journal of the British Dietetic Association*, v. 17, n. 6, p. 547?559, dez. 2004.
- 43 FRIEDMAN, D. B.; HOFFMAN-GOETZ, L.; AROCHA, J. F. Readability of cancer information on the internet. *Journal of cancer education : the official journal of the American Association for Cancer Education*, v. 19, n. 2, p. 117?122, 2004.
- 44 GIVRON, P. et al. [Quality assessment of information about female urinary incontinence from French speaking websites]. *Annales de readaptation et de medecine physique : revue scientifique de la Societe francaise de reeducation fonctionnelle de readaptation et de medecine physique*, v. 47, n. 5, p. 217?223; discussion 224, jun. 2004.
- 45 LUKIC, S. R.; COJBASIC, Z. M.; SPASIC, M. J. Accuracy of web-based information related to migraine. *European Journal of Neurology*, v. 11, p. 242?243, set. 2004.
- 46 MARTIN-FACKLAM M et al. Quality of drug information on the World Wide Web and strategies to improve pages with poor information quality. An intervention study on pages about sildenafil. *Br J Clin Pharmacol*, v. 57, n. 1, p. 80?5, jan. 2004.
- 47 MOSHIRFAR, A. et al. Evaluating the quality of Internet-derived information on plantar fasciitis. *Clinical orthopaedics and related research*, n. 421, p. 60?63, abr. 2004.
- 48 MURPHY, R. et al. An evaluation of web-based information. *The International journal of eating disorders*, v. 35, n. 2, p. 145?154, mar. 2004.
- 49 PÉREZ-LÓPEZ FR; PEREZ-LOPEZ, F. R. An evaluation of the contents and quality of menopause information on the World Wide Web. *Maturitas*, v. 49, n. 4, p. 276?82, dez. 2004.
- 50 RAPP, C. et al. Quality evaluation of the health information on travel medicine web sites. *International Journal of Antimicrobial Agents*, v. 24, p. S174?S175, dez. 2004.
- 51 ZUN, L. S. et al. Accuracy of emergency medical information on the web. *The American journal of emergency medicine*, v. 22, n. 2, p. 94?97, mar. 2004.
- 52 ANSANI, N. T. et al. Quality of arthritis information on the Internet. *American journal of health-system pharmacy : AJHP : official journal of the American Society of Health-System Pharmacists*, v. 62, n. 11, p. 1184?1189, jun. 2005.
- 53 ASLAM N et al. Evaluation of Internet use by paediatric orthopaedic outpatients and the quality of information available. *J Pediatr Orthop B*, v. 14, n. 2, p. 129?33, 2005.
- 54 BOULOS, M. N. K. British internet-derived patient information on diabetes mellitus: is it readable? *Diabetes technology & therapeutics*, v. 7, n. 3, p. 528?535, jun. 2005.
- 55 EKMAN, A.; HALL, P.; LITTON, J.-E. Can we trust cancer information on the Internet??A comparison of interactive cancer risk sites. *Cancer causes & control : CCC*, v. 16, n. 6, p. 765?772, ago. 2005.
- 56 EWIS, S. A.; AFIFI, N.; AL-ABDALLA, M. A. Follow up of quality of diabetes information on the internet in arabic language: Systemic re-evaluation. *Diabetes*, v. 54, p. A230?A230, 2005.
- 57 FRICKE, M. et al. Consumer health information on the Internet about carpal tunnel syndrome: indicators of accuracy. *The American journal of medicine*, v. 118, n. 2, p. 168?174, fev. 2005.
- 58 GREENE, D. L. et al. Lumbar disc herniation: evaluation of information on the internet. *Spine*, v. 30, n. 7, p. 826?829, abr. 2005.
- 59 LUKIC, S.; COJBASIC, Z.; SPASIC, M. Accuracy of web-based information related to headache. *Cephalalgia*, v. 25, n. 10, p. 972?972, out. 2005.
- 60 MARTINS, E. N.; MORSE, L. S. Evaluation of internet websites about retinopathy of prematurity patient education. *The British journal of ophthalmology*, v. 89, n. 5, p. 565?568, maio 2005.

- 61 MATHUR, S. et al. Surfing for scoliosis: the quality of information available on the Internet. *Spine*, v. 30, n. 23, p. 2695?2700, dez. 2005.
- 62 NICHOLS, C.; OERMANN, M. H. An evaluation of bariatric Web sites for patient education and guidance. *Gastroenterology nursing : the official journal of the Society of Gastroenterology Nurses and Associates*, v. 28, n. 2, p. 112?117, abr. 2005.
- 63 SHAIKH U; SCOTT BJ. Extent, accuracy, and credibility of breastfeeding information on the Internet. *J Hum Lact*, v. 21, n. 2, p. 175?83, 2005.
- 64 SILVA LV; MELLO JF; MION O. Evaluation of Brazilian web site information on allergic rhinitis. *Braz J Otorhinolaryngol*, v. 71, n. 5, p. 590?7, 2005.
- 65 BABIO, G. O. et al. Women?s autonomy and the evaluation on the information available on the Internet on hormone therapy after menopause. *Cin-Computers Informatics Nursing*, v. 24, n. 4, p. 226?234, ago. 2006.
- 66 BLACK, P. C.; PENSON, D. F. Prostate cancer on the Internet?information or misinformation? *The Journal of urology*, v. 175, n. 5, p. 1836?1842; discussion 1842, maio 2006.
- 67 BREMNER, J. D. et al. Surfing the Net for medical information about psychological trauma: An empirical study of the quality and accuracy of trauma-related websites. *Medical informatics and the Internet in medicine*, v. 31, n. 3, p. 227?236, set. 2006.
- 68 CHEUNG, B. K. et al. Information on the Internet about head injury pertaining to intensive care: less quantity and more quality is needed. *Critical care and resuscitation : journal of the Australasian Academy of Critical Care Medicine*, v. 8, n. 2, p. 100?106, jun. 2006.
- 69 DEGRAEVE, G.; VAN HEERINGEN, C.; AUDENAERT, K. [Information about electroconvulsive therapy on the internet]. *Tijdschrift voor psychiatrie*, v. 48, n. 10, 2006.
- 70 DORNAN, B. A.; OERMANN, M. H. Evaluation of breastfeeding Web sites for patient education. *MCN. The American journal of maternal child nursing*, v. 31, n. 1, fev. 2006.
- 71 FARRELL, K. D. et al. A survey of Canadian websites providing information about female urinary incontinence. *Journal of obstetrics and gynaecology Canada : JOGC = Journal d?obstetrique et gynecologie du Canada : JOGC*, v. 28, n. 8, p. 700?712, ago. 2006.
- 72 GHOSHAL, M.; WALJI, M. F. Quality of medication information available on retail pharmacy Web sites. *Research in social & administrative pharmacy : RSAP*, v. 2, n. 4, p. 479?498, dez. 2006.
- 73 GLENTON, C.; NILSEN, E. S.; CARLSEN, B. Lay perceptions of evidence-based information?a qualitative evaluation of a website for back pain sufferers. *BMC health services research*, v. 6, 2006.
- 74 HANIF, F. et al. Information about liver transplantation on the World Wide Web. *Medical informatics and the Internet in medicine*, v. 31, n. 3, p. 153?160, set. 2006.
- 75 HARGRAVE, D. R.; HARGRAVE, U. A.; BOUFFET, E. Quality of health information on the Internet in pediatric neuro-oncology. *Neuro-oncology*, v. 8, n. 2, p. 175?182, abr. 2006.
- 76 LABOVITCH, R. S.; BOZIC, K. J.; HANSEN, E. An evaluation of information available on the internet regarding minimally invasive hip arthroplasty. *The Journal of arthroplasty*, v. 21, n. 1, jan. 2006.
- 77 LANGILLE, M. et al. A systematic review of the quality of patient information on medical treatment of Crohn?s disease and ulcerative colitis on the World Wide Web. *Gastroenterology*, v. 130, n. 4, p. A620?A620, abr. 2006.
- 78 LAU, L. et al. Childhood brain tumour information on the Internet in the Chinese language. *Child?s nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery*, v. 22, n. 4, p. 346?351, abr. 2006.
- 79 LIU, Y. et al. Osteosarcoma: evaluation of information on the internet. *Telemed J E Health*, v. 12, n. 5, p. 542?545, out. 2006.
- 80 MISHRA, A.; YENTIS, S. M. Evaluation of patient-targeted information from official UK anaesthetic websites. *Anaesthesia*, v. 61, n. 1, p. 88?89, jan. 2006.
- 81 MOORTHY, A. et al. An evaluation of health information on the internet for rheumatoid arthritis. *Annals of the Rheumatic Diseases*, v. 65, p. 619?619, jul. 2006.
- 82 PENNEKAMP PH et al. [Quality analysis of internet information on epicondylitis radialis humeri]. *Zeitschrift fur Orthopadie und ihre Grenzgebiete*, v. 144, n. 2, p. 218?222, abr. 2006.
- 83 PÉREZ-LÓPEZ FR et al. Assessing the content and quality of information on the treatment of postmenopausal osteoporosis on the World Wide Web. *Gynecol Endocrinol*, v. 22, n. 12, p. 669?75, dez. 2006.

84	TILLER, G. et al. Burns first aid information on the Internet. Burns : journal of the International Society for Burn Injuries, v. 32, n. 7, nov. 2006.
85	WAYNE, E. et al. Evaluation of labor epidural information on the Internet. Anesthesiology, v. 104, n. 4, p. B49?B49, abr. 2006.
86	BARBOSA, A. L.; MARTINS, E. N. Evaluation of Internet websites about floaters and light flashes in patient education. Arquivos brasileiros de oftalmologia, v. 70, n. 5, p. 839?843, 2007.
87	BERGMAN, J.; KONIJETI, R.; LERMAN, S. E. Myelomeningocele information on the internet is accessible and of variable quality, and requires a high reading level. The Journal of urology, v. 177, n. 3, p. 1138?1142, mar. 2007.
88	CARON, S.; BERTON, J.; BEYDON, L. Quality of anaesthesia-related information accessed via Internet searches. British journal of anaesthesia, v. 99, n. 2, ago. 2007.
89	CENGOTITABENGOA, I. A. et al. [Adherence to codes of conduct for biomedical information on the internet in useful websites for pharmacotherapy follow-up]. Gaceta sanitaria / S.E.S.P.A.S, v. 21, n. 3, p. 204?209, jun. 2007.
90	DELUCA, P.; SCHIFANO, F. Searching the Internet for drug-related web sites: analysis of online available information on ecstasy (MDMA). The American journal on addictions / American Academy of Psychiatrists in Alcoholism and Addictions, v. 16, n. 6, p. 479?483, dez. 2007.
91	EWIS, S. A.; AFIFI, N. M.; ABAD, M. Quality of diabetes information in Arabic language: A comparison of newspaper and medical web contents. Diabetes, v. 56, p. A224?A224, jun. 2007.
92	HANIF F et al. The quality of information about kidney transplantation on the World Wide Web. Clin Transplant, v. 21, n. 3, p. 371?6, 2007.
93	HARLAND, J.; BATH, P. Assessing the quality of websites providing information on multiple sclerosis: evaluating tools and comparing sites. Health informatics journal, v. 13, n. 3, p. 207?221, set. 2007.
94	IPSER, J. C.; DEWING, S.; STEIN, D. J. A systematic review of the quality of information on the treatment of anxiety disorders on the internet. Current psychiatry reports, v. 9, n. 4, p. 303?309, ago. 2007.
95	KELLY, K. et al. Websites on genetic counseling and genetic testing: quality, cultural content, and readability... Twenty-fifth Annual Education Conference of the National Society of Genetic Counselors. Journal of Genetic Counseling, v. 16, n. 1, p. 11?11, fev. 2007.
96	KHAZAAL, Y. et al. Quality of web based information on social phobia. International Journal of Psychiatry in Clinical Practice, v. 11, n. 4, p. 325?325, 2007.
97	LEVEQUE, M. et al. Evaluation of neuro-oncology information for French speaking patients on the Internet. Neurochirurgie, v. 53, n. 5, p. 343?355, nov. 2007.
98	MINZER-CONZETTI, K. et al. Information about infantile hemangiomas on the Internet: how accurate is it? Journal of the American Academy of Dermatology, v. 57, n. 6, p. 998?1004, dez. 2007.
99	NEMOTO, K. et al. Quality of Internet information referring to mental health and mental disorders in Japan. Psychiatry and clinical neurosciences, v. 61, n. 3, p. 243?248, jun. 2007.
100	OERMANN, M. H.; MCINERNEY, S. M. An evaluation of sepsis Web sites for patient and family education. Plastic surgical nursing : official journal of the American Society of Plastic and Reconstructive Surgical Nurses, v. 27, n. 4, p. 192?196, dez. 2007.
101	RICHARD, J.-L. et al. The Internet and the diabetic foot: quality of online information in French language. Diabetes & metabolism, v. 33, n. 3, jun. 2007.
102	SAMBANDAM, S. N. et al. Quality analysis of patient information about knee arthroscopy on the World Wide Web. Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association, v. 23, n. 5, maio 2007.
103	TOUCHET, B. K. et al. Evaluating the quality of websites offering information on female hypoactive sexual desire disorder. Journal of sex & marital therapy, v. 33, n. 4, p. 329?342, set. 2007.
104	BEATON, C. et al. Evaluation of the quality and accuracy of information regarding aromatase inhibitors available on the internet. The breast journal, v. 14, n. 4, p. 366?368, ago. 2008.
105	CLAUSON, K. A. et al. Scope, completeness, and accuracy of drug information in Wikipedia. The Annals of pharmacotherapy, v. 42, n. 12, p. 1814?1821, dez. 2008.

- 106 DE SOUZA, C. L. N.; LUZ, Z. P.; RABELLO, A. Análise da informação sobre a leishmaniose visceral disponível em portais brasileiros da rede mundial de computadores-Internet. *Revista da Sociedade Brasileira de Medicina Tropical*, v. 41, n. 4, p. 352?357, 2008.
- 107 DOLLAR, K. M.; MIX, J. M.; KOZLOWSKI, L. T. Little cigars, big cigars: omissions and commissions of harm and harm reduction information on the Internet. *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*, v. 10, n. 5, p. 819?826, maio 2008.
- 108 KHAZAAL, Y. et al. Quality of web-based information on cannabis addiction. *Journal of drug education*, v. 38, n. 2, 2008a.
- 109 KHAZAAL, Y. et al. Quality of web-based information on social phobia: a cross-sectional study. *Depression and anxiety*, v. 25, n. 5, p. 461?465, 2008b.
- 110 KHAZAAL, Y. et al. Quality of web-based information on pathological gambling. *Journal of gambling studies / co-sponsored by the National Council on Problem Gambling and Institute for the Study of Gambling and Commercial Gaming*, v. 24, n. 3, p. 357?366, set. 2008c.
- 111 KHAZAAL Y et al. Quality of Web-based information on cocaine addiction. *Patient education and counseling*, v. 72, n. 2, p. 336?41, ago. 2008.
- 112 MAKAR, B. et al. What is the quality of information about bariatric surgery on the internet? *Obesity surgery*, v. 18, n. 11, p. 1455?1459, nov. 2008.
- 113 MOREL, V. et al. Quality of web-based information on bipolar disorder. *Journal of affective disorders*, v. 110, n. 3, p. 265?269, out. 2008.
- 114 OSTRY, A.; YOUNG, M. L.; HUGHES, M. The quality of nutritional information available on popular websites: a content analysis. *Health education research*, v. 23, n. 4, p. 648?655, ago. 2008.
- 115 PETERLIN, B. L. et al. An analysis of cluster headache information provided on internet websites. *Headache*, v. 48, n. 3, p. 378?384, mar. 2008.
- 116 RAHNAVARDI, M. et al. Accuracy and coverage of reproductive health information on the Internet accessed in English and Persian from Iran. *The journal of family planning and reproductive health care / Faculty of Family Planning & Reproductive Health Care, Royal College of Obstetricians & Gynaecologists*, v. 34, n. 3, p. 153?157, jul. 2008.
- 117 SABHARWAL, S.; BADARUDEEN, S.; UNES KUNJU, S. Readability of online patient education materials from the AAOS web site. *Clinical orthopaedics and related research*, v. 466, n. 5, p. 1245?1250, maio 2008.
- 118 SAITHNA, A.; AJAYI, O. O.; DAVIS, E. T. The quality of Internet sites providing information relating to hip resurfacing. *The surgeon : journal of the Royal Colleges of Surgeons of Edinburgh and Ireland*, v. 6, n. 2, p. 85?87, abr. 2008.
- 119 VAN DER MAREL, S.; FIDDER, H.; HOMMES, D. W. The quality of on-line he@lth information in inflammatory bowel disease. *Gastroenterology*, v. 134, n. 4, p. A399?A399, abr. 2008.
- 120 WALSH, T. M.; VOLSKO, T. A. Readability assessment of internet-based consumer health information. *Respiratory care*, v. 53, n. 10, p. 1310?1315, out. 2008.
- 121 YICK, A. G. Evaluating Readability of Domestic Violence Information Found on Domestic Violence State Coalitions? Websites. *Journal of Technology in Human Services*, v. 26, n. 1, p. 67?75, jan. 2008.
- 122 BARTON, B. R. Parkinson?s disease on the internet: An evaluation of the readability, quality, and content of patient-accessible information. *Movement Disorders*, v. 24, p. S119?S120, 2009a.
- 123 BARTON, B. R. Parkinson?s Disease on the Internet: An Evaluation of the Readability, Quality, and Technical Content of Patient Information. *Neurology*, v. 72, n. 11, p. A209?A209, mar. 2009b.
- 124 BERGLUND, R. K. et al. Health Information Quality on the Internet in Urological Oncology: A Multilingual Longitudinal Evaluation. *Urology*, v. 74, n. 5, p. 1063?1063, nov. 2009.
- 125 BLUMAN, E. M.; FOLEY, R. P.; CHIODO, C. P. Readability of the Patient Education Section of the AOFAS Website. *Foot & ankle international. / American Orthopaedic Foot and Ankle Society [and] Swiss Foot and Ankle Society*, v. 30, n. 4, p. 287?291, abr. 2009.
- 126 BREakey, V. R. et al. The Quality and Accuracy of Hemophilia Information on the Internet. *Blood*, v. 114, n. 22, p. 105?105, nov. 2009.
- 127 CORCORAN, T. B. et al. The evaluation of anaesthesia-related information on the Internet. *Anaesthesia and intensive care*, v. 37, n. 1, jan. 2009a.

- 128 CORCORAN, T. B. et al. The quality of internet-sourced information for patients with chronic pain is poor. *The Clinical journal of pain*, v. 25, n. 7, p. 617?623, set. 2009b.
- 129 GARCIA, R. M.; MESSERSCHMITT, P. J.; AHN, N. U. An evaluation of information on the Internet of a new device: the lumbar artificial disc replacement. *Journal of spinal disorders & techniques*, v. 22, n. 1, p. 52?57, fev. 2009.
- 130 KNIJNENBURG, S. L. et al. Development and evaluation of a patient information website for childhood cancer survivors. *Studies in health technology and informatics*, v. 150, p. 342?346, 2009.
- 131 LOPEZ-JORNET, P.; CAMACHO-ALONSO, F. The quality of internet sites providing information relating to oral cancer. *Oral oncology*, v. 45, n. 9, p. e95?98, set. 2009.
- 132 MALAFAIA, G. Análise de informações sobre a doença de Chagas disponíveis em websites brasileiros na rede mundial de computadores (internet). *Arq Bras Ciên Saúde*, v. 34, n. 3, p. 188?195, 2009.
- 133 MAYER, M. Á.; LEIS, Á.; SANZ, F. Información sobre salud en internet y sellos de confianza como indicadores de calidad: el caso de las vacunas. *Aten Primaria*, v. 41, n. 10, p. 533?542, 2009.
- 134 MCGILL JF et al. World wide what? The quality of information on parathyroid disease available on the Internet. *Surgery*, v. 146, n. 6, p. 1123?9, 2009.
- 135 PANDOLFINI, C.; CLAVENNA, A.; BONATI, M. Quality of cystic fibrosis information on Italian websites. *Informatics for health & social care*, v. 34, n. 1, p. 10?17, jan. 2009.
- 136 PARK, S. H. et al. [An evaluation of web-based information about Barrett's esophagus in Korea]. *The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi*, v. 53, n. 5, p. 292?296, maio 2009.
- 137 REAM, E. et al. An investigation of the quality of breast cancer information provided on the internet by voluntary organisations in Great Britain. *Patient education and counseling*, v. 76, n. 1, p. 10?15, jul. 2009.
- 138 SZUMILAS, M.; KUTCHER, S. Teen suicide information on the internet: a systematic analysis of quality. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, v. 54, n. 9, set. 2009.
- 139 TALLGREN, M. et al. Patient information about general anaesthesia on the internet. *Anaesthesia*, v. 64, n. 4, p. 408?15, abr. 2009.
- 140 TAN BH et al. A review of mesothelioma information on the World Wide Web. *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*, v. 4, n. 1, p. 102?4, jan. 2009.
- 141 VAN DER MAREL, S. et al. Quality of web-based information on inflammatory bowel diseases. *Inflammatory bowel diseases*, v. 15, n. 12, p. 1891?1896, dez. 2009.
- 142 BAZAZ, R.; GREEN, E.; GREEN, S. T. Quality of malaria information provided on Internet travel operator websites. *Travel medicine and infectious disease*, v. 8, n. 5, p. 285?291, set. 2010.
- 143 BUHI, E. R. et al. Quality and accuracy of sexual health information web sites visited by young people. *The Journal of adolescent health : official publication of the Society for Adolescent Medicine*, v. 47, n. 2, p. 206?208, ago. 2010.
- 144 DA SILVA, R. Q.; GUBERT, M. B. Qualidade das informações sobre aleitamento materno e alimentação complementar em sites brasileiros de profissionais de saúde disponíveis na internet. *Revista Brasileira de Saúde Materno Infantil*, v. 10, n. 3, p. 331?340, 2010.
- 145 DEOL, H. K. et al. Breast reconstruction: readability and reliability of patient education materials on the web. *British Journal of Surgery*, v. 97, p. 71?71, 2010.
- 146 EL-ZAMMAR, D. N.; GFELLER-INGLEDEW, P. Don't Believe Everything You Read: An Evaluation of the Quality of Information Available on the Internet and the Usage of Internet Resources by Lung Cancer Patients. *International Journal of Radiation Oncology Biology Physics*, v. 78, n. 3, p. S496?S496, 2010.
- 147 FITZSIMMONS, P. R. et al. A readability assessment of online Parkinson's disease information. *The journal of the Royal College of Physicians of Edinburgh*, v. 40, n. 4, p. 292?296, dez. 2010.
- 148 GUARDIOLA-WANDEN-BERGHE, R.; SANZ-VALERO, J.; WANDEN-BERGHE, C. Eating disorders blogs: testing the quality of information on the internet. *Eating disorders*, v. 18, n. 2, p. 148?152, abr. 2010.
- 149 HOPPE, I. C. Readability of patient information regarding breast cancer prevention from the Web site of the National Cancer Institute. *Journal of cancer education : the official journal of the American Association for Cancer Education*, v. 25, n. 4, p. 490?492, dez. 2010.

- 150 HOPPE, I. C.; SCHUCHAT, A.; VANDERFORD, M. L. Readability of H1N1 Information From the CDC Web Site. *Pediatric Infectious Disease Journal*, v. 29, n. 5, p. 479?479, maio 2010.
- 151 KAICKER, J. et al. Assessment of the quality and variability of health information on chronic pain websites using the DISCERN instrument. *BMC medicine*, v. 8, 2010.
- 152 KIERAN, S. M. et al. A critical evaluation of Web sites offering patient information on tinnitus. *Ear, nose, & throat journal*, v. 89, n. 1, p. E11?14, jan. 2010.
- 153 LEITHNER, A. et al. Wikipedia and osteosarcoma: a trustworthy patients? information? *Journal of the American Medical Informatics Association : JAMIA*, v. 17, n. 4, p. 373?374, ago. 2010.
- 154 LIEU, D. et al. Investigating the Reliability of Substance Toxicity Information Found on the Internet in Pediatric Poisonings. *Clinical Toxicology*, v. 48, n. 6, p. 643?643, jul. 2010.
- 155 LOPEZ-JORNET, P.; CAMACHO-ALONSO, F. The quality of internet information relating to oral leukoplakia. *Medicina oral, patologia oral y cirugia bucal*, v. 15, n. 5, p. e727?731, set. 2010a.
- 156 LOPEZ-JORNET, P.; CAMACHO-ALONSO, F. The quality of patient-orientated Internet information on oral lichen planus: a pilot study. *Journal of evaluation in clinical practice*, v. 16, n. 5, p. 883?886, out. 2010b.
- 157 MALAFAIA, G.; RODRIGUES, A. S. Análise de informações sobre a malária disponíveis em websites brasileiros na rede mundial de computadores (internet). *Brasília m,d*, v. 47, n. 2, 2010.
- 158 MALLAPPA SAROJA, C. S.; HANJI CHANDRASHEKAR, S. Polycystic ovaries: review of medical information on the internet for patients. *Archives of gynecology and obstetrics*, v. 281, n. 5, p. 839?843, maio 2010.
- 159 MEADOWS-OLIVER, M.; BANASIAK, N. C. Accuracy of asthma information on the world wide web. *Journal for specialists in pediatric nursing : JSPN*, v. 15, n. 3, p. 211?216, jul. 2010.
- 160 MORR S et al. Quality of information concerning cervical disc herniation on the Internet. *Spine J*, v. 10, n. 4, p. 350?4, 2010.
- 161 MULHALL, J. P.; ROJAZ-CRUZ, C.; MULLER, A. An analysis of sexual health information on radical prostatectomy websites. *BJU international*, v. 105, n. 1, jan. 2010.
- 162 POST, R. E.; MAINOUS, A. G. 3RD. The accuracy of nutrition information on the Internet for type 2 diabetes. *Archives of internal medicine*, v. 170, n. 16, p. 1504?1506, set. 2010.
- 163 RAJAGOPALAN, M. S. et al. Accuracy of cancer information on the Internet: A comparison of a Wiki with a professionally maintained database. *Journal of Clinical Oncology*, v. 28, n. 15, maio 2010.
- 164 SCHALNUS, R. et al. Content quality of ophthalmic information on the internet. *Ophthalmologica. Journal international d'ophthalmologie. International journal of ophthalmology. Zeitschrift fur Augenheilkunde*, v. 224, n. 1, p. 30?37, 2010.
- 165 STARMAN, J. S. et al. Quality and content of Internet-based information for ten common orthopaedic sports medicine diagnoses. *The Journal of bone and joint surgery. American volume*, v. 92, n. 7, p. 1612?1618, jul. 2010.
- 166 ZERMATTEN, A. et al. Quality of Web-based information on depression. *Depression and anxiety*, v. 27, n. 9, p. 852?858, set. 2010.
- 167 BAILEY, M. et al. Abdominal aortic aneurysm repair: quality and readability of online patient information. *British Journal of Surgery*, v. 98, p. 117?117, maio 2011.
- 168 CHONG, A. L. et al. SURFING FOR CANCER: PERSPECTIVES ON QUALITY AND CONTENT OF INFORMATION. *Pediatric Blood & Cancer*, v. 56, n. 6, p. 944?944, jun. 2011.
- 169 COQUARD, O. et al. A follow-up study on the quality of alcohol dependence-related information on the web. *Substance abuse treatment, prevention, and policy*, v. 6, 2011.
- 170 FUENTES-TIRADO, E. et al. Calidad de la información sobre ejercicios en las páginas de Internet dirigida a sobrevivientes de cáncer de seno. *Rev. iberoam. fisioter. kinesiol*, v. 14, n. 2, p. 70?76, 2011.
- 171 GKOUSKOU, K. et al. Quality of nutritional information on the Internet in health and disease. *Hippokratia*, v. 15, n. 4, p. 304?307, 2011.
- 172 HALLINGBYE, T.; SERAFINI, M. Assessment of the quality of postherpetic neuralgia treatment information on the Internet. *The journal of pain : official journal of the American Pain Society*, v. 12, n. 11, p. 1149?1154, nov. 2011.
- 173 IRWIN, J. Y. et al. English and Spanish oral cancer information on the internet: a pilot surface quality and content evaluation of oral cancer web sites. *Journal of public health dentistry*, v. 71, n. 2, p. 106?116, 2011.

174	JOSHI, M. P. H. A.; BHANGOO, R. S.; KUMAR, K. Quality of nutrition related information on the internet for osteoporosis patients: a critical review. <i>Technology and health care : official journal of the European Society for Engineering and Medicine</i> , v. 19, n. 6, 2011.
175	KAR, A. K.; NEFFENDORF, J. E.; MAYER, E. K. A QUANTITATIVE EVALUATION OF PATIENT INFORMATION AVAILABLE ON THE INTERNET FOR TURP SURGERY. <i>European Urology Supplements</i> , v. 10, n. 2, p. 32?33, mar. 2011.
176	KILLEEN, S. et al. Gastric cancer-related information on the Internet: incomplete, poorly accessible, and overly commercial. <i>American journal of surgery</i> , v. 201, n. 2, p. 171?178, fev. 2011.
177	KUPFERBERG, N.; PROTUS, B. M. Accuracy and Completeness of Drug Information in Wikipedia: An Assessment. <i>Journal of the Medical Library Association (JMLA)</i> , v. 99, n. 4, p. 310?313, out. 2011.
178	LEBANOVA, H.; BLLEVA, M.; GETOV, I. Study of Reliability of Medicines-Related Information in Internet-Based Health Sources. <i>Drug Safety</i> , v. 34, n. 10, p. 899?900, 2011.
179	LEITE, F.; CORREIA, A. Quality evaluation of websites with information on childhood dental caries in Portuguese language. <i>Revista Odonto Ciência</i> , v. 26, n. 2, p. 116?120, 2011.
180	LIU, K.; SASSON, C. Availability and Quality of Cardiopulmonary Resuscitation information for Spanish-Speaking Population on the Internet. <i>Annals of Emergency Medicine</i> , v. 58, n. 4, p. S225?S225, out. 2011.
181	MINAGLIA, S. et al. ASSESSMENT OF INTERNET-BASED INFORMATION REGARDING URINARY INCONTINENCE. <i>Neurourology and Urodynamics</i> , v. 30, n. 6, p. 860?860, 2011.
182	NICOLSON, D. J. et al. Combining Concurrent and Sequential Methods to Examine the Usability and Readability of Websites With Information About Medicines. <i>Journal of Mixed Methods Research</i> , v. 5, n. 1, p. 25?51, jan. 2011.
183	PATEL, P. P. et al. Analysis of comprehensibility of patient information regarding complex craniofacial conditions. <i>The Journal of craniofacial surgery</i> , v. 22, n. 4, p. 1179?1182, jul. 2011.
184	PATEL, U.; COBOURNE, M. T. Orthodontic extractions and the Internet: quality of online information available to the public. <i>American journal of orthodontics and dentofacial orthopedics : official publication of the American Association of Orthodontists, its constituent societies, and the American Board of Orthodontics</i> , v. 139, n. 2, p. e103?109, fev. 2011.
185	SAN NORBERTO, E. M. et al. [The quality of information available on the internet about aortic aneurysm and its endovascular treatment]. <i>Revista espanola de cardiologia</i> , v. 64, n. 10, p. 869?875, out. 2011.
186	SCALI, E.; INGLEDEW, P. MELANOMA PATIENT INFORMATION: ASSESSMENT OF THE QUALITY OF INTERNET-BASED INFORMATION RESOURCES. <i>Journal of Investigative Medicine</i> , v. 59, n. 1, p. 183?184, jan. 2011.
187	TANGRI, V.; CHANDE, N. Quality of Internet-based information on gastrointestinal diseases. <i>Canadian journal of gastroenterology = Journal canadien de gastroenterologie</i> , v. 25, n. 2, p. 93?96, fev. 2011.
188	THAKOR, V. et al. The quality of information on websites selling St. John?s wort. <i>Complementary therapies in medicine</i> , v. 19, n. 3, p. 155?160, jun. 2011.
189	VAONA, A. et al. Quality evaluation of JAMA Patient Pages on diabetes using the Ensuring Quality Information for Patient (EQIP) tool. <i>Primary care diabetes</i> , v. 5, n. 4, p. 257?263, dez. 2011.
190	AHMED, O. H. et al. Concussion information online: evaluation of information quality, content and readability of concussion-related websites. <i>British journal of sports medicine</i> , v. 46, n. 9, p. 675?83, jul. 2012.
191	ALDAIRY, T.; LAVERICK, S.; MCINTYRE, G. T. Orthognathic surgery: is patient information on the Internet valid? <i>European journal of orthodontics</i> , v. 34, n. 4, p. 466?469, ago. 2012.
192	BAILEY MA et al. Quality and readability of online patient information for abdominal aortic aneurysms. <i>Journal of vascular surgery</i> , v. 56, n. 1, p. 21?6, jul. 2012.
193	CARRILLO-LARCO, R. M. et al. [Evaluation of the quality of information about pregnancy found in webpages according to the Peruvian guidelines]. <i>Revista peruana de medicina experimental y salud publica</i> , v. 29, n. 1, mar. 2012.
194	CHAN, D. S. Y. et al. Relative quality of internet-derived gastrointestinal cancer information. <i>Journal of cancer education : the official journal of the American Association for Cancer Education</i> , v. 27, n. 4, p. 676?679, dez. 2012.

195	CUBAS, M. R.; FELCHNER, P. C. Z. Análise das fontes de informação sobre os autoexames da mama disponíveis na Internet. <i>Ciência & Saúde Coletiva</i> , v. 17, n. 4, p. 965?970, 2012.
196	DASH, N. R. et al. Assessment of the malnutrition related information on the internet. <i>Technology and health care : official journal of the European Society for Engineering and Medicine</i> , v. 20, n. 2, p. 117?125, 2012.
197	DEL GIGLIO, A. et al. Qualidade da informação da internet disponível para pacientes em páginas em português. <i>Revista da Associação Médica Brasileira</i> , v. 58, n. 6, p. 645?649, 2012a.
198	DUNCAN, S.; DUNCAN, C. Are we PREPared? Quality of information available to patients in the UK about PREP on the internet. <i>Journal of the International Aids Society</i> , v. 15, p. 133?133, nov. 2012.
199	ELLIMOOTTIL, C. et al. Readability of websites containing information about prostate cancer treatment options. <i>The Journal of urology</i> , v. 188, n. 6, p. 2171?2175, dez. 2012.
200	FACKRELL, K. et al. An evaluation of the content and quality of tinnitus information on websites preferred by General Practitioners. <i>BMC medical informatics and decision making</i> , v. 12, 2012.
201	FAST, A. M. et al. Partial nephrectomy online: a preliminary evaluation of the quality of health information on the internet. <i>BJU international</i> , v. 110, n. 11 Pt B, p. E765?769, dez. 2012.
202	FELLER, R. J. et al. Lumbar spinal stenosis: evaluation of information on the internet. <i>Medicine and health, Rhode Island</i> , v. 95, n. 11, p. 342?344, nov. 2012.
203	GONDIM, A. P. S.; WEYNE, D. P.; FERREIRA, B. S. P. Qualidade das informações de saúde e medicamentos nos sítios brasileiros. <i>Einstein (São Paulo)</i> , v. 10, n. 3, p. 335?341, 2012a.
204	GORDON, E. J. et al. Quality of Internet education about living kidney donation for Hispanics. <i>Progress in transplantation (Aliso Viejo, Calif.)</i> , v. 22, n. 3, set. 2012.
205	HENDRICK, P. A. et al. Acute low back pain information online: an evaluation of quality, content accuracy and readability of related websites. <i>Manual therapy</i> , v. 17, n. 4, p. 318?324, ago. 2012.
206	HIRASAWA, R. et al. Quality of Internet information related to the Mediterranean diet. <i>Public health nutrition</i> , v. 15, n. 5, p. 885?893, maio 2012.
207	KULASEGARAH, J. et al. The quality of information on three common ENT procedures on the Internet. <i>Irish journal of medical science</i> , v. 181, n. 2, p. 221?224, jun. 2012.
208	LAPLANTE-LEVESQUE, A. et al. Quality and readability of English-language internet information for adults with hearing impairment and their significant others. <i>International Journal of Audiology</i> , v. 51, n. 8, p. 618?626, ago. 2012.
209	LAWRENTSCHUK, N. et al. Oncology health information quality on the Internet: a multilingual evaluation. <i>Annals of surgical oncology</i> , v. 19, n. 3, p. 706?713, mar. 2012.
210	MAK, D. B. et al. Evaluation of a sexual health and blood-borne virus health education website for youth. <i>Health promotion journal of Australia : official journal of Australian Association of Health Promotion Professionals</i> , v. 23, n. 3, dez. 2012.
211	MIN WOO, P.; JEONG HWAN, J.; JI WOON, P. Quality and Content of Internet-Based Information on Temporomandibular Disorders. <i>Journal of Orofacial Pain</i> , v. 26, n. 4, p. 296?306, out. 2012.
212	MINAGLIA, S. et al. Assessment of internet-based information regarding pelvic organ prolapse and urinary incontinence. <i>Female pelvic medicine & reconstructive surgery</i> , v. 18, n. 1, p. 50?54, fev. 2012.
213	MISRA, P. et al. Readability analysis of internet-based patient information regarding skull base tumors. <i>Journal of neuro-oncology</i> , v. 109, n. 3, p. 573?580, set. 2012.
214	MUTHUKUMARASAMY S et al. Quality of information available on the World Wide Web for patients undergoing thyroidectomy: review. <i>J Laryngol Otol</i> , v. 126, n. 2, p. 116?9, 2012.
215	NEUMARK, Y. et al. Quality of online health information about oral contraceptives from Hebrew-language websites. <i>Isr J Health Policy Res</i> , v. 1, n. 1, p. 38, set. 2012.
216	POLISHCHUK, D. L.; HASHEM, J.; SABHARWAL, S. Readability of online patient education materials on adult reconstruction Web sites. <i>The Journal of arthroplasty</i> , v. 27, n. 5, p. 716?719, maio 2012.
217	POSCIA, A. et al. [Availability and quality of vaccines information on the Web: a systematic review and implication in Public Health]. <i>Annali di igiene : medicina preventiva e di comunita</i> , v. 24, n. 2, p. 113?121, abr. 2012.

- PRUSTI, M. et al. The quality of online antidepressant drug information: an evaluation of English and Finnish language Web sites. *Research in social & administrative pharmacy : RSAP*, v. 8, n. 3, p. 263?268, jun. 2012.
- PUSZ, M. D.; BRIETZKE, S. E. How good is Google? The quality of otolaryngology information on the internet. *Otolaryngology?head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*, v. 147, n. 3, p. 462?465, set. 2012.
- QUINN, E. M. et al. Breast cancer information on the internet: analysis of accessibility and accuracy. *Breast (Edinburgh, Scotland)*, v. 21, n. 4, p. 514?517, ago. 2012.
- QURESHI, S. A. et al. An evaluation of information on the internet about a new device: the cervical artificial disc replacement. *Spine*, v. 37, n. 10, p. 881?883, maio 2012.
- RAO, N. R. et al. Evaluation of dengue-related health information on the internet. *Perspectives in health information management / AHIMA, American Health Information Management Association*, v. 9, 2012.
- REAVLEY, N. J. et al. Quality of information sources about mental disorders: a comparison of Wikipedia with centrally controlled web and printed sources. *Psychological medicine*, v. 42, n. 8, p. 1753?1762, ago. 2012.
- RISOLDI COCHRANE, Z.; GREGORY, P.; WILSON, A. Readability of consumer health information on the internet: a comparison of U.S. government-funded and commercially funded websites. *Journal of health communication*, v. 17, n. 9, p. 1003?1010, 2012.
- SILVEIRA, P. C. M.; COSTA, A. E. DOS S.; DE LIMA, C. C. Gagueira na web: qualidade da informação. *Rev. CEFAC*, v. 14, n. 3, p. 430?437, 2012.
- SMITH, J. T. et al. Internet information quality for ten common foot and ankle diagnoses. *Foot and ankle surgery : official journal of the European Society of Foot and Ankle Surgeons*, v. 18, n. 3, set. 2012.
- SOM, R.; GUNAWARDANA, N. P. Internet chemotherapy information is of good quality: assessment with the DISCERN tool. *British journal of cancer*, v. 107, n. 2, jul. 2012.
- SOOBRAH, R.; CLARK, S. K. Your patient information website: how good is it? *Colorectal disease : the official journal of the Association of Coloproctology of Great Britain and Ireland*, v. 14, n. 3, p. e90?94, mar. 2012.
- TAVARE, A. N.; ALSAFI, A.; HAMADY, M. S. Analysis of the quality of information obtained about uterine artery embolization from the internet. *Cardiovascular and interventional radiology*, v. 35, n. 6, p. 1355?1362, dez. 2012.
- TEJWANI, A. et al. Assessing the ?Readability? of Websites Regarding Lung Cancer Diagnosis and Treatment Information. *International Journal of Radiation Oncology Biology Physics*, v. 84, n. 3, p. S662?S662, nov. 2012.
- VOLSKY, P. G. et al. Quality of Internet information in pediatric otolaryngology: a comparison of three most referenced websites. *International journal of pediatric otorhinolaryngology*, v. 76, n. 9, p. 1312?1316, set. 2012.
- WARD, J. B. M.; LEACH, P. Evaluation of internet derived patient information. *Annals of the Royal College of Surgeons of England*, v. 94, n. 5, p. 300?301, jul. 2012.
- WHITEHEAD, S. H. et al. The quality of English-language websites offering falls-prevention advice to older members of the public and their families. *Health informatics journal*, v. 18, n. 1, mar. 2012.
- YEUNG, T. M.; MORTENSEN, N. J. Assessment of the quality of patient-orientated Internet information on surgery for diverticular disease. *Diseases of the colon and rectum*, v. 55, n. 1, p. 85?89, jan. 2012.
- ADRIAN, C. et al. Accuracy of information on emergency contraception on the Internet. *The Journal of reproductive medicine*, v. 58, n. 7-8, p. 291?296, ago. 2013.
- ALBA-RUIZ, R. et al. Adapting the Content of Cancer Web Sites to the Information Needs of Patients: Reliability and Readability. *Telemedicine and E-Health*, v. 19, n. 12, p. 956?966, dez. 2013.
- ALSAFI, A. et al. A comparison of the quality of the information available on the internet on interventional radiology, vascular surgery, and cardiology. *Journal of postgraduate medicine*, v. 59, n. 1, mar. 2013.
- ANDEV, R. et al. A Comparison of the Quality and Accuracy of Information Available on the Internet for Warfarin and Dabigatran. *Drug Safety*, v. 36, n. 9, p. 834?835, 2013.
- AUVIN, S.; DUPONT, S. [Quality of health information about epilepsy on the Internet: Evaluation of French websites]. *Revue neurologique*, v. 169, n. 3, p. 234?239, mar. 2013.

- 240 BAILEY, S. J. et al. Evaluation of chronic pain-related information available to consumers on the Internet. *Pain medicine (Malden, Mass.)*, v. 14, n. 6, p. 855?864, jun. 2013.
- 241 BAILEY SD et al. Information on infantile colic on the World Wide Web. *Journal of pediatric health care : official publication of National Association of Pediatric Nurse Associates & Practitioners*, v. 27, n. 6, p. 443?50, dez. 2013.
- 242 BERK, L. et al. Evaluation of the acceptability and usefulness of an information website for caregivers of people with bipolar disorder. *BMC medicine*, v. 11, 2013a.
- 243 BRUCE-BRAND, R. A. et al. Assessment of the quality and content of information on anterior cruciate ligament reconstruction on the internet. *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*, v. 29, n. 6, p. 1095?1100, jun. 2013.
- 244 CHEN, E. C. et al. A mutlilingual evaluation of current health information on the internet for benign prostatic hyperplasia and its management. *Bju International*, v. 111, p. 15?15, abr. 2013.
- 245 CHONG YM et al. Assessment of the quality of web-based information on bunions. *Foot Ankle Int*, v. 34, n. 8, p. 1134?1139, ago. 2013.
- 246 COLACO, M. et al. Readability assessment of online urology patient education materials. *The Journal of urology*, v. 189, n. 3, p. 1048?1052, mar. 2013.
- 247 CONESA-FUENTES, M. C.; AGUINAGA-ONTOSO, E.; HERNANDEZ-MORANTE, J. J. Evaluation of the quality of the general health information webpages in Spain: influence of page source. *Informatics for Health & Social Care*, v. 38, n. 4, p. 382?395, dez. 2013.
- 248 DUNCAN IC et al. Evaluation of information available on the Internet regarding anterior cruciate ligament reconstruction. *Arthroscopy*, v. 29, n. 6, p. 1101?7, 2013.
- 249 DUNNE, S. S. et al. Generic medicines: an evaluation of the accuracy and accessibility of information available on the internet. *Bmc Medical Informatics and Decision Making*, v. 13, p. 115, out. 2013.
- 250 EDMUNDS, M. R.; BARRY, R. J.; DENNISTON, A. K. Readability assessment of online ophthalmic patient information. *Jama Ophthalmology*, v. 131, n. 12, p. 1610?1616, dez. 2013.
- 251 EICHENBERG, C.; BLOKUS, G.; MALBERG, D. Evidence-based information for patients on the internet - An investigation of the quality of internet-sourced information for patients with posttraumatic stress disorder. *Zeitschrift Fur Psychiatrie Psychologie Und Psychotherapie*, v. 61, n. 4, p. 263?271, 2013.
- 252 FABRICANT, P. D. et al. Internet search term affects the quality and accuracy of online information about developmental hip dysplasia. *Journal of pediatric orthopedics*, v. 33, n. 4, p. 361?365, jun. 2013.
- 253 FERRARI CC et al. Web-based information on intraoperative neuromonitoring in thyroid surgery. *Int J Surg*, v. 11 Suppl 1, p. S40?1, 2013.
- 254 FERREIRA, D. et al. Assessment of the contents related to screening on Portuguese language websites providing information on breast and prostate cancer. *Cadernos De Saude Publica*, v. 29, n. 11, p. 2163?2176, 2013.
- 255 GORCZYNSKI, P.; PATEL, H.; GANGULI, R. Assessing the accuracy, quality, and readability level of online physical activity, exercise, and sport information for people with schizophrenia. *Journal of Sport & Exercise Psychology*, v. 35, p. S88?S88, jun. 2013.
- 256 GREWAL, P.; ALAGARATNAM, S. The quality and readability of colorectal cancer information on the internet. *International journal of surgery (London, England)*, v. 11, n. 5, p. 410?413, 2013.
- 257 HANSBERRY, D. R. et al. Quality assessment of online patient education resources for peripheral neuropathy. *Journal of the peripheral nervous system : JPNS*, v. 18, n. 1, p. 44?47, mar. 2013.
- 258 HIRASAWA, R. et al. Quality and accuracy of Internet information concerning a healthy diet. *International Journal of Food Sciences and Nutrition*, v. 64, n. 8, p. 1007?1013, dez. 2013.
- 259 JOSHI, A. et al. Evaluation of metabolic syndrome related health information on internet in Indian context. *Technology and health care : official journal of the European Society for Engineering and Medicine*, v. 21, n. 1, 2013.
- 260 KEARNEY, T. E. et al. Investigating the Reliability of Substance Toxicity Information Found on the Internet in Pediatric Poisonings. *Pediatric Emergency Care*, v. 29, n. 12, p. 1249?1254, dez. 2013.
- 261 KLILA, H. et al. Quality of Web-based information on obsessive compulsive disorder. *Neuropsychiatric Disease and Treatment*, v. 9, p. 1717?1723, 2013.

262	KNIJNENBURG, S. L. et al. Evaluation of a patient information website for childhood cancer survivors. Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer, v. 21, n. 4, p. 919?926, abr. 2013.
263	LIVAS, C.; DELLI, K.; REN, Y. Quality evaluation of the available Internet information regarding pain during orthodontic treatment. The Angle orthodontist, v. 83, n. 3, p. 500?506, maio 2013.
264	LUTSKY, K.; BERNSTEIN, J.; BEREDJIKLIAN, P. Quality of Information on the Internet About Carpal Tunnel Syndrome: An Update. Orthopedics, v. 36, n. 8, p. E1038?E1041, ago. 2013.
265	MCKEARNEY, T. C. et al. The quality and accuracy of internet information on the subject of ear tubes. International journal of pediatric otorhinolaryngology, v. 77, n. 6, p. 894?7, jun. 2013.
266	MILLER, C. J. et al. Accuracy and Completeness of Patient Information in Organic World-Wide Web Search for Mohs Surgery: A Prospective Cross-Sectional Multirater Study Using Consensus Criteria. Dermatologic Surgery, v. 39, n. 11, p. 1654?1661, nov. 2013.
267	MIRA, J. J. et al. Assessment of the quality of medication information for patients in Spain. Expert opinion on drug safety, v. 12, n. 1, jan. 2013.
268	MONTOYA, A. et al. Evaluating Internet information on attention-deficit/hyperactivity disorder (ADHD) treatment: parent and expert perspectives. Education for health (Abingdon, England), v. 26, n. 1, abr. 2013.
269	NASON, G. J.; TAREEN, F.; QUINN, F. Hydrocele on the web: an evaluation of Internet-based information. Scandinavian journal of urology, v. 47, n. 2, p. 152?157, abr. 2013.
270	NEILL, S. C. O. et al. Investigating the quality of elective orthopaedic surgical information on the internet. Irish Journal of Medical Science, v. 182, p. S49?S50, mar. 2013.
271	OBERLIN, D. T. et al. TESTOSTERONE REPLACEMENT THERAPY AND THE WORLD WIDE WEB: AN ASSESSMENT. Journal of Urology, v. 189, n. 4, p. E621?E622, abr. 2013.
272	ORLOWSKI, J. L.; OERMANN, M. H.; SHAW-KOKOT, J. Evaluation of heart failure websites for patient education. Advanced emergency nursing journal, v. 35, n. 3, p. 240?246, set. 2013.
273	OW, D. et al. An analysis of surgical and medical society-association websites in Australia, UK, Canada and the USA: an assessment of quality and variability of health information. Bju International, v. 111, p. 90?90, abr. 2013.
274	PATEL, C. R. et al. Readability assessment of online thyroid surgery patient education materials. Head and Neck-Journal for the Sciences and Specialties of the Head and Neck, v. 35, n. 10, p. 1421?1425, out. 2013.
275	RHEE, R. L. et al. Readability and suitability assessment of patient education materials in rheumatic diseases. Arthritis care & research, v. 65, n. 10, p. 1702?1706, out. 2013.
276	SHAH, A. et al. Physician evaluation of internet health information on proton therapy for prostate cancer. International journal of radiation oncology, biology, physics, v. 85, n. 4, p. e173?177, mar. 2013.
277	SHAHAR, S.; SHIRLEY, N.; NOAH, S. A. Quality and accuracy assessment of nutrition information on the Web for cancer prevention. Informatics for health & social care, v. 38, n. 1, jan. 2013.
278	SHARMA, N. et al. A readability assessment of online consumer orientated stroke information webpages. International Journal of Stroke, v. 8, p. 34?34, dez. 2013.
279	SHUKLA, P. et al. Readability assessment of internet-based patient education materials related to uterine artery embolization. Journal of vascular and interventional radiology : JVIR, v. 24, n. 4, p. 469?474, abr. 2013.
280	SOBOTA, A.; OZAKINCI, G. THE QUALITY OF ONLINE CONSUMER INFORMATION ON GYNAECOLOGICAL CANCERS. International Journal of Gynecological Cancer, v. 23, n. 8, p. 547-547, out. 2013.
281	SURMAN, R.; BATH, P. A. An assessment of the quality of information on stroke and speech and language difficulty web sites. Journal of Information Science, v. 39, n. 1, p. 113?125, fev. 2013.
282	SVIDER, P. F. et al. Readability assessment of online patient education materials from academic otolaryngology-head and neck surgery departments. American journal of otolaryngology, v. 34, n. 1, p. 31?35, fev. 2013.
283	TIRLAPUR, S. A.; LEIU, C.; KHAN, K. S. Quality of information on the internet related to bladder pain syndrome: a systematic review of the evidence. International Urogynecology Journal, v. 24, n. 8, p. 1257?1262, ago. 2013.

284	WEISS, B. D.; MOLLON, L.; LEE, J. K. Readability of patient education information on the American Geriatrics Society Foundation's Health-in-Aging website. <i>Journal of the American Geriatrics Society</i> , v. 61, n. 10, p. 1845-1846, out. 2013.
285	WHITTEN, P.; NAZIONE, S.; LAUCKNER, C. Tools for assessing the quality and accessibility of online health information: initial testing among breast cancer websites. <i>Informatics for Health & Social Care</i> , v. 38, n. 4, p. 366-381, dez. 2013.
286	WONG LM et al. Urologists in cyberspace: A review of the quality of health information from American urologists' websites using three validated tools. <i>Cuaj-Canadian Urological Association Journal</i> , v. 7, n. 3-4, p. 100-7, abr. 2013.
287	YEUNG, T. M.; D'SOUZA, N. D. Quality analysis of patient information on surgical treatment of haemorrhoids on the internet. <i>Annals of the Royal College of Surgeons of England</i> , v. 95, n. 5, p. 341-344, jul. 2013.
288	AVRAHAM, S. et al. What is the quality of information on social oocyte cryopreservation provided by websites of Society for Assisted Reproductive Technology member fertility clinics? <i>Fertility and sterility</i> , v. 101, n. 1, p. 222-226, jan. 2014.
289	GROHOL, J. M.; SLIMOWICZ, J.; GRANDA, R. The Quality of Mental Health Information Commonly Searched for on the Internet. <i>Cyberpsychology Behavior and Social Networking</i> , v. 17, n. 4, p. 216-221, abr. 2014.
290	HANSBERRY, D. R. et al. A Critical Review of the Readability of Online Patient Education Resources From RadiologyInfo.Org. <i>American Journal of Roentgenology</i> , v. 202, n. 3, p. 566-575, mar. 2014.
291	HANSBERRY, D. R. et al. Analysis of the readability of patient education materials from surgical subspecialties. <i>The Laryngoscope</i> , v. 124, n. 2, p. 405-412, fev. 2014a.
292	JAFFE, J.; TONICK, S.; ANGELL, N. Quality of web-based information on epidural anesthesia. <i>Obstetrics & Gynecology</i> , v. 123, p. 115S-115S, maio 2014.
293	KEOGH, C. J. et al. Assessing the quality of online information for patients with carotid disease. <i>International Journal of Surgery</i> , v. 12, n. 3, p. 205-208, 2014.
294	KUMAR, V. S. et al. Evaluation of online health information on clubfoot using the DISCERN tool. <i>Journal of Pediatric Orthopaedics-Part B</i> , v. 23, n. 2, p. 135-138, mar. 2014.
295	LIU, K. Y.; HAUKOOSA, J. S.; SASSON, C. Availability and quality of cardiopulmonary resuscitation information for Spanish-speaking population on the Internet. <i>Resuscitation</i> , v. 85, n. 1, p. 131-137, jan. 2014.
296	MEYER, M. F. et al. Systematic analysis of the readability of patient information on websites of German nonuniversity ENT hospitals. <i>Hno</i> , v. 62, n. 3, p. 186-+, mar. 2014.
297	NICHOLSON, L. et al. Quality of internet-derived information on common ophthalmic conditions. <i>The British journal of ophthalmology</i> , v. 98, n. 3, mar. 2014.
298	ONEILL, S. C. et al. Cauda equina syndrome: assessing the readability and quality of patient information on the internet. <i>Spine</i> , v. 39, n. 10, p. E645-9, maio 2014.
299	TING, K.; HU, A. Evaluating the Quality and Readability of Thyroplasty Information on the Internet. <i>Journal of Voice</i> , v. 28, n. 3, p. 378-381, maio 2014.

APPENDIX B - Study Characteristics

#	Study	Country	Area	Coincidence of Study/Author/Journal areas	Evaluation criteria	Quality indicators reported	Evaluators	Technology to assess Readability	Use of bibliographic material in the evaluation	Methods for selecting websites	Evaluated sites reported
1	(CORPRON; LELLI, 2001)	USA	Surgery	Study, Author and Journal	Accuracy, Technical	No	Author	None	Discordant	Search engine	No
2	(D'ALESSANDRO DM et al., 2001)	USA	Pediatrics	Study, Author and Journal	Readability	Discordant	Author	Discordant	No	Arbitrary	No
3	(DIERING; PALMER, 2001)	USA	Nursing	Study, Author and Journal	Accuracy, Design, Technical	Yes	Expert	None	Discordant	Search engine	Yes
4	(GRIFFITHS; CHRISTENSEN, 2001a)	Australia	Psychiatry	Study, Author and Journal	Comprehensiveness, Accuracy, Technical	Yes	Author	None	Yes	Search engine	No
5	(GROOT et al., 2001)	Netherlands	Orthopedics	Study and Journal	Accuracy, Technical	Yes	Discordant	None	Yes	Search engine	No
6	(MAZZOLENI et al., 2001)	Italy	Public Health	Study, Author and Journal	Accuracy, Design, Readability, Technical	Discordant	Discordant		No	Discordant	No
7	(MERIC et al., 2001)	USA	Cancerology	Study, Author and Journal	Accuracy, HONCode, Technical	Yes	Author	None	No	Search engine	No
8	(OERMANN; PASMA, 2001)	USA	Nursing	Discordant	Accuracy	Discordant	User	None	No	Arbitrary	Yes
9	(POSANI, 2001)	USA	Nursing	Study, Author and Journal	Readability	No	Author	Discordant	Discordant	Search engine	Discordant
10	(ADEMILUYI; REES; SHEARD, 2002)	United Kingdom	Psychiatry	Study e Author	DISCERN, IQ-Tool	Yes	Author	None	No	Search engine	No

11	(ALLEN et al., 2002)	USA	Surgery	Study, Author and Journal	Comprehensiveness, Accuracy	Yes	Author	None	No	Search engine	No
12	(CHESTNUT, 2002)	United Kingdom	Dentistry	Study, Author and Journal	Comprehensiveness, Accuracy, Design, Technical	Yes	Discordant	None	Yes	Search engine	No
13	(COOKE A; GRAY L, 2002)	Discordant	Alternative Medicine	No coincidence	Accuracy	No	Expert	None	Discordant	Search engine	No
14	(CROFT DR; PETERSON MW, 2002)	USA	Allergology and Clinical Immunology	Study and Journal	Comprehensiveness, Accuracy, HONCode, Readability	Yes	Author	Discordant	Yes	Search engine	Yes
15	(FALLIS; FRICKE, 2002)	USA	Pediatrics	No coincidence	Comprehensiveness, Accuracy, Technical	Yes	Author	None	Yes	Search engine	No
16	(GRIFFITHS; CHRISTENSEN; EVANS, 2002)	Australia	Pharmacy	No coincidence	Accuracy	Yes	Author	None	Yes	Discordant	Yes
17	(JEJURIKAR et al., 2002)	USA	Surgery	Study, Author and Journal	Accuracy	Yes	Discordant	None	Yes	Search engine	No
18	(KARP; MONROE, 2002)	USA	Public Health	Discordant	Comprehensiveness, Accuracy	Discordant	Author		No	Search engine	Yes
19	(KUNST et al., 2002)	United Kingdom	Discordant	No coincidence	Accuracy	Yes	Author	None	Yes	Discordant	No
20	(KUNST; KHAN, 2002)	United Kingdom	Pneumology	Discordant	Comprehensiveness, Accuracy	Yes	Discordant	None	Yes	Search engine	Yes
21	(KUSEC et al., 2002)	Croatia	Endocrinology	No coincidence	Readability	Yes	Author	SMOG	No	Search engine	No

22	(MARTIN-FACKLAM M et al., 2002)	Germany	Pharmacy	Study e Author	Accuracy	Yes	Author	None	Yes	Search engine	No
23	(MARTIN-FACKLAM; KOSTRZEWA; HAEFELI, 2002)	Germany	Pharmacy	Study, Author and Journal	Comprehensiveness, Accuracy	No	Author	None	No	Search engine	No
24	(MERIC et al., 2002)	USA	Cancerology	Study e Author	Comprehensiveness, Design, HONCode, JAMA Benchmarks	Yes	Discordant	None	Discordant	Search engine	No
25	(NOLLAN, 2002)	USA	Cardiology	No coincidence	Comprehensiveness, Technical	No	Author		Discordant	Arbitrary	Yes
26	(REED; ANDERSON, 2002)	United Kingdom	Discordant	Discordant	Accuracy, Design, Readability, Technical	Yes	Author	Discordant	Discordant	Search engine	Yes
27	(SOUDER; O'SULLIVAN; VANPELT, 2002)	USA	Neurology	Discordant	Readability	Discordant	Author	Flesch-Kincaid Grade Level	No	Search engine	No
28	(ADEMILUYI; REES; SHEARD, 2003)	United Kingdom	Psychiatry	Study e Author	DISCERN, IQ-Tool	Yes	Author	None	No	Search engine	No
29	(BARTELS et al., 2003)	Canada	Discordant	Study, Author and Journal	DISCERN	Yes	Author	Flesch Reading Ease	No	Search engine	Discordant
30	(BATH; BOUCHIER, 2003)	United Kingdom	Neurology	No coincidence	Comprehensiveness, Accuracy, Design, Technical	Yes	Author	None	No	Search engine	Yes

31	(ELLIS; THOMSON, 2003)	United Kingdom	Podiatry	Study, Author and Journal	Accuracy, HONCode	Yes	Author	None	Yes	Search engine	No
32	(HARGRAVE et al., 2003)	Discordant	Cancerology	Study, Author and Journal	DISCERN, Readability	Yes	Author	Flesch Reading Ease	Discordant	Search engine	Yes
33	(KISELY; ONG; TAKYAR, 2003)	Canada	Psychiatry	Study, Author and Journal	Accuracy, Readability, Technical	Yes	Author	Flesch-Kincaid Grade Level	Yes	Search engine	Yes
34	(KRONES et al., 2003)	Discordant	Discordant	Discordant	Comprehensiveness, Accuracy	Yes	Author	None	Discordant	Search engine	No
35	(LEE CT et al., 2003)	USA	Urology	Study, Author and Journal	Comprehensiveness, Accuracy	Yes	Discordant	None	Yes	Search engine	Yes
36	(MADAN; FRANTZIDES; PESCE, 2003)	USA	Surgery	Study, Author and Journal	Comprehensiveness, Accuracy	Yes	Author	None	No	Search engine	No
37	(OERMANN et al., 2003)	USA	Nursing	No coincidence	Accuracy, Readability	Yes	Author	Flesch-Kincaid Grade Level	Yes	Search engine	Yes
38	(SEIDMAN; STEINWACHS; RUBIN, 2003)	USA	Endocrinology	No coincidence	Comprehensiveness, Accuracy, Technical	Yes	Author, Expert	None	Yes	Search engine	Yes
39	(TATSIONI A et al., 2003)	Greece	Discordant	Discordant	Accuracy	Discordant	Author	None	Discordant	Search engine	No
40	(BENOTSCH; KALICHMAN; WEINHARDT, 2004)	USA	Infectious and Parasitic Diseases	No coincidence	Comprehensiveness, Accuracy, Technical	Yes	Expert, User	None	No	Discordant	Discordant
41	(COOPER; FEDER, 2004)	USA	Infectious and Parasitic Diseases	Study and Journal	Comprehensiveness, Accuracy	Yes	Author	None	Discordant	Search engine	Yes

42	(ENGLAND; NICHOLLS, 2004)	United Kingdom	Nutrition	Study, Author and Journal	Accuracy, Technical	Yes	Author	None	Yes	Search engine	No
43	(FRIEDMAN; HOFFMAN-GOETZ; AROCHA, 2004)	Canada	Cancerology	Study and Journal	Readability	Discordant	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level, SMOG	No	Search engine	No
44	(GIVRON et al., 2004)	France	Discordant	Discordant	Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	Yes
45	(LUKIC; COJBASIC; SPASIC, 2004)	Serbia	Neurology	Study, Author and Journal	Accuracy	Yes	Author	None	No	Search engine	No
46	(MARTIN- FACKLAM M et al., 2004)	Germany	Pharmacy	Study, Author and Journal	Accuracy	Yes	Author	None	No	Search engine	No
47	(MOSHIRFAR et al., 2004)	USA	Orthopedics	Study, Author and Journal		Yes					No
48	(MURPHY et al., 2004)	United Kingdom	Psychiatry	Study, Author and Journal	Accuracy, Technical	Yes	Discordant	None	Yes	Search engine	Yes
49	(PÉREZ-LÓPEZ FR; PEREZ-LOPEZ, 2004)	Spain	Gynecology and Obstetrics	Study, Author and Journal	Accuracy	Yes	Author	None	Yes	Search engine	Yes
50	(RAPP et al., 2004)	France	Infectious and Parasitic Diseases	Discordant	Accuracy	No	Author	None	Yes	Search engine	No
51	(ZUN et al., 2004)	USA	Medical Clinic	Study, Author and Journal	Accuracy, HONCode	Discordant	Author	None	Yes	Search engine	Yes
52	(ANSANI et al., 2005)	USA	Rheumatology	Study and Journal	Comprehen siveness, Accuracy	Yes	Author	Discordant	Yes	Search engine	No
53	(ASLAM et al., 2005)	United Kingdom	Orthopedics	Study, Author and Journal	Accuracy, Technical	Yes	Author		Discordant	Search engine	No

54	(BOULOS, 2005)	United Kingdom	Endocrinology	Study and Journal	Readability	No	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	No	Search engine	Yes
55	(EKMAN; HALL; LITTON, 2005)	Sweden	Cancerology	Study and Journal	Technical	Yes	Author	None	Discordant	Search engine	Yes
56	(EWIS; AFIFI; AL-ABDALLA, 2005)	Qatar	Endocrinology	Study, Author and Journal	Comprehensiveness, Accuracy	Discordant	Author	None	Discordant	Search engine	No
57	(FRICKE et al., 2005)	USA	Orthopedics	Discordant	Comprehensiveness, Accuracy	Yes	Expert	None	Discordant	Search engine	Discordant
58	(GREENE et al., 2005)	USA	Orthopedics	Study, Author and Journal	Accuracy	Yes	Author	None	Yes	Search engine	Yes
59	(LUKIC; COJBASIC; SPASIC, 2005)	Serbia	Neurology	Study, Author and Journal	Accuracy	Yes	Author	None	No	Search engine	No
60	(MARTINS; MORSE, 2005)	Discordant	Ophthalmology	Study, Author and Journal	Accuracy, Design, HONCode, Readability, Technical	Yes	Author	Flesch-Kincaid Grade Level	Discordant	Search engine	No
61	(MATHUR et al., 2005)	USA	Orthopedics	Study, Author and Journal	Accuracy	Yes	Expert	Discordant	Yes	Search engine	Yes
62	(NICHOLS; OERMANN, 2005)	USA	Discordant	Discordant	Accuracy	Yes	Author	Discordant	Yes	Search engine	Yes
63	(SHAIKH U; SCOTT BJ, 2005)	USA	Discordant	Study, Author and Journal	Accuracy, HONCode	Yes	Author	None	Yes	Search engine	Yes
64	(SILVA LV; MELLO JF; MION O, 2005)	Brazil	Discordant	Study, Author and Journal		Yes	Author	None	Yes	Search engine	No
65	(BABIO et al., 2006)	Spain	Public Health	Discordant	Comprehensiveness	Yes	Author	None	Yes	Discordant	Yes

66	(BLACK; PENSON, 2006)	USA	Urology	Study, Author and Journal	Comprehensiveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	No
67	(BREMNER et al., 2006)	USA	Discordant	Discordant	Comprehensiveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	No
68	(CHEUNG et al., 2006)	Australia	Intensive Care Medicine	Study, Author and Journal	Comprehensiveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	Yes
69	(DEGRAEVE; VAN HEERINGEN; AUDENAERT, 2006)	Belgium	Psychiatry	Study, Author and Journal	Comprehensiveness, Design, Technical	Yes	Author	None	Yes	Search engine	No
70	(DORNAN; OERMANN, 2006)	Discordant	Nursing	Study, Author and Journal	Accuracy	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	Yes
71	(FARRELL et al., 2006)	Canada	Gynecology and Obstetrics	Study, Author and Journal	Comprehensiveness, Accuracy, Design, Readability, Technical	Yes	Expert	Discordant	Yes	Search engine	Yes
72	(GHOSHAL; WALJI, 2006)	USA	Pharmacy	Study, Author and Journal	Accuracy, Readability	Yes	Expert	Gunning Fog Index	Yes	Arbitrary	Yes

73	(GLENTON; NILSEN; CARLSEN, 2006)	Norway	Discordant	No coincidence	Design, Readability	Yes	User	None	No	Discordant	Discordant
74	(HANIF et al., 2006)	United Kingdom	Surgery	Study e Author	Comprehen siveness, Accuracy	Yes	Author	None	Yes	Search engine	Yes
75	(HARGRAVE; HARGRAVE; BOUFFET, 2006)	Canada	Cancerology	Study, Author and Journal	Accuracy, DISCERN	Yes	Author	Discordant	Yes	Search engine	Yes
76	(LABOVITCH; BOZIC; HANSEN, 2006)	USA	Orthopedics	Study, Author and Journal	Comprehen siveness, Accuracy	Yes	Author	None	Discordant	Search engine	No
77	(LANGILLE et al., 2006)	Canada	Discordant	Discordant	Accuracy, Readability	No	Author	Flesch- Kincaid Grade Level	Discordant	Search engine	No
78	(LAU et al., 2006)	Canada	Cancerology	Study e Author	Comprehen siveness, Accuracy, DISCERN	Yes	Author	None	Yes	Search engine	Yes
79	(LIU et al., 2006)	China	Discordant	Discordant	Comprehen siveness, Accuracy, Technical	Yes	Author	None	Discordant	Search engine	Yes
80	(MISHRA; YENTIS, 2006)	United Kingdom	Anesthesiology	Study, Author and Journal	HONCode	Yes	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	Yes	Discordant	Discordant
81	(MOORTHY et al., 2006)	United Kingdom	Rheumatology	Study, Author and Journal	Accuracy, Design, DISCERN, Readability	No	Discordant	None	No	Search engine	Yes

82	(PENNEKAMP PH et al., 2006)	Germany	Orthopedics	Discordant	Accuracy	Yes	Author	None	Yes	Search engine	No
83	(PÉREZ-LÓPEZ FR et al., 2006)	Spain	Gynecology and Obstetrics	Study, Author and Journal	Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	Yes
84	(TILLER et al., 2006)	Australia	Dermatology	Study, Author and Journal	Accuracy, HONCode	Yes	Discordant	None	Yes	Search engine	No
85	(WAYNE et al., 2006)	USA	Anesthesiology	Study and Journal	Accuracy	No	Expert	None	Discordant	Search engine	No
86	(BARBOSA; MARTINS, 2007)	Brazil	Ophthalmology	Study, Author and Journal	Comprehensiveness, Design, Readability, Technical	Yes	Author	Flesch-Kincaid Grade Level	No	Search engine	No
87	(BERGMAN; KONIJETI; LERMAN, 2007)	USA	Discordant	Discordant	Comprehensiveness, Accuracy, Design, Readability, Technical	No	Author	Flesch-Kincaid Grade Level	No	Search engine	Yes
88	(CARON; BERTON; BEYDON, 2007)	France	Anesthesiology	Study, Author and Journal	Comprehensiveness, Accuracy, Design, Technical	No	Author	None	No	Search engine	Discordant
89	(CENGOTITABENG OA et al., 2007)	Spain	Pharmacy	Study e Author	Accuracy	No	Author	None	Discordant	Discordant	Yes
90	(DELUCA; SCHIFANO, 2007)	United Kingdom	Discordant	Study, Author and Journal	Comprehensiveness	Yes	Author	None	No	Search engine	No
91	(EWIS; AFIFI; ABAD, 2007)	Qatar	Endocrinology	Study, Author and Journal	Comprehensiveness, Accuracy	Discordant	Author	None	Yes	Search engine	No
92	(HANIF et al., 2007)	United Kingdom	Surgery	Study, Author and Journal	Comprehensiveness, Accuracy	Yes	Author	None	Yes	Search engine	Yes

93	(HARLAND; BATH, 2007)	United Kingdom	Neurology	No coincidence	Comprehensiveness, Accuracy, HONCode, IQ-Tool	Yes	Author	None	Discordant	Search engine	Yes
94	(IPSER; DEWING; STEIN, 2007)	South Africa	Psychiatry	Study, Author and Journal	DISCERN, Readability	Yes	Author	Flesch-Kincaid Grade Level	Yes	Search engine	No
95	(KELLY et al., 2007)	USA	Forensic Medicine and Deontology	Discordant	Readability	No	Author	Discordant	Yes	Discordant	No
96	(KHAZAAL et al., 2007)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, DISCERN, HONCode, Readability, Technical	No	Author		No	Search engine	No
97	(LEVEQUE et al., 2007)	Discordant	Neurology	Study, Author and Journal	Accuracy, DISCERN, Readability	Yes	Expert, User	None	Yes	Search engine	Yes
98	(MINZER-CONZETTI et al., 2007)	USA	Dermatology	Study, Author and Journal	Accuracy	Yes	Author	None	Discordant	Search engine	Yes
99	(NEMOTO et al., 2007)	Japan	Psychiatry	Study, Author and Journal	Accuracy, DISCERN	Discordant	Author	None	Discordant	Search engine	No
100	(OERMANN; MCINERNEY, 2007)	USA	Infectious and Parasitic Diseases	No coincidence	Accuracy, HONCode, Readability	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Discordant	Search engine	Yes
101	(RICHARD et al., 2007)	France	Endocrinology	Study, Author and Journal	Accuracy	Yes	Discordant	None	Yes	Search engine	Yes

102	(SAMBANDAM et al., 2007)	United Kingdom	Discordant	Study and Journal	Accuracy, Technical	Yes	Author	None	Discordant	Search engine	Yes
103	(TOUCHET et al., 2007)	USA	Discordant	Discordant	Accuracy, Design, Readability, Technical	Yes	Author	None	Yes	Search engine	Yes
104	(BEATON et al., 2008)	United Kingdom	Surgery	Study, Author and Journal	Accuracy	Yes	Expert	None	Yes	Search engine	No
105	(CLAUSON et al., 2008)	USA	Pharmacy	Study, Author and Journal	Comprehensiveness, Accuracy	Yes	Author	None	Yes	Discordant	Yes
106	(DE SOUZA; LUZ; RABELLO, 2008)	Brazil	Discordant	Study, Author and Journal	Accuracy	Yes	Author	None	Yes	Search engine	Yes
107	(DOLLAR; MIX; KOZLOWSKI, 2008)	USA	Public Health	Discordant	Comprehensiveness, Accuracy, Readability	Yes	Author	Discordant	No	Discordant	Yes
108	(KHAZAAL et al., 2008a)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, Design, DISCERN, HONCode, Readability, Technical	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	No
109	(KHAZAAL et al., 2008b)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, Design, DISCERN, HONCode, Readability, Technical	Yes	Author	Discordant	Yes	Search engine	Yes
110	(KHAZAAL et al., 2008c)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, Design, DISCERN, HONCode, Readability, Technical	Yes	Author	Flesch Reading Ease, Flesch-Kincaid	Yes	Search engine	No

											Grade Level
111	(KHAZAAL Y et al., 2008)	Switzerland	Psychiatry	Study e Author	Accuracy, Design, DISCERN, HONCode, Readability, Technical	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	No
112	(MAKAR et al., 2008)	France	Surgery	Study, Author and Journal	Accuracy	Yes	Expert, User	None	No	Search engine	No
113	(MOREL et al., 2008)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, Design, DISCERN, HONCode, Readability, Technical	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Discordant	Search engine	No
114	(OSTRY; YOUNG; HUGHES, 2008)	Canada	Nutrition	No coincidence	Accuracy	Yes	Author	None	Yes	Arbitrary	Discordant
115	(PETERLIN et al., 2008)	USA	Neurology	Study, Author and Journal	Design, Readability, Technical	Yes	Author	Discordant	Yes	Search engine	No
116	(RAHNAVARDI et al., 2008)	Iran	Gynecology and Obstetrics	Study and Journal	Accuracy	Yes	Expert	None	Discordant	Search engine	Yes
117	(SABHARWAL; BADARUDEEN; UNES KUNJU, 2008)	USA	Orthopedics	Study, Author and Journal	Readability	Yes	Author	Flesch-Kincaid Grade Level	No	Arbitrary	Discordant
118	(SAITHNA; AJAYI; DAVIS, 2008)	United Kingdom	Discordant	Discordant	DISCERN, JAMA Benchmarks	No	Author	None	No	Search engine	No

119	(VAN DER MAREL; FIDDER; HOMMES, 2008)	Netherlan ds	Gastroenterology	Discordant	DISCERN, Readability	Yes	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	No	Search engine	No
120	(WALSH; VOLSKO, 2008)	USA	Medical Clinic	No coincidence	Readability	Yes	Author	Flesch- Kincaid Grade Level, Gunning Fog Index, SMOG	No	Arbitrary	Yes
121	(YICK, 2008)	USA	Public Health	No coincidence	Readability	Yes	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level, SMOG	No	Arbitrary	Discordant
122	(BARTON, 2009a)	USA	Neurology	Study and Journal	Readability	No	Author	Flesch- Kincaid Grade Level	No	Search engine	No
123	(BARTON, 2009b)	USA	Neurology	Study, Author and Journal	Accuracy, HONCode, Readability	Discordant	Author	Flesch- Kincaid Grade Level	No	Search engine	No
124	(BERGLUND et al., 2009)	Canada	Urology	Study, Author and Journal	HONCode, Technical	No	Author	None	No	Search engine	No
125	(BLUMAN; FOLEY; CHIDO, 2009)	USA	Orthopedics	Study, Author and Journal	Readability	Yes	Author	Flesch- Kincaid Grade Level	No	Arbitrary	Yes

126	(BREAKEY et al., 2009)	Canada	Hematology	Discordant	Accuracy, DISCERN, Readability	No	Expert, User	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	No
127	(CORCORAN et al., 2009a)	Australia	Anesthesiology	Study, Author and Journal	Comprehensiveness, Accuracy, Technical	Yes	Author	None	No	Search engine	No
128	(CORCORAN et al., 2009b)	Australia	Anesthesiology	Study, Author and Journal	Comprehensiveness, Accuracy, Design, Technical	Yes	Author	None	No	Search engine	No
129	(GARCIA; MESSERSCHMITT; AHN, 2009)	Discordant	Orthopedics	Study, Author and Journal	Accuracy, Design, Technical	Yes	Author	None	Discordant	Search engine	No
130	(KNIJNENBURG et al., 2009)	Netherlands	Discordant	Discordant	Design	Yes	Discordant	Discordant	Yes	Discordant	No
131	(LOPEZ-JORNET; CAMACHO-ALONSO, 2009)	Spain	Dentistry	Study, Author and Journal	DISCERN, HONCode, JAMA Benchmarks	Yes	Author	None	No	Search engine	No
132	(MALAFAIA, 2009)	Brazil	Infectious and Parasitic Diseases	Study e Author	Accuracy	Yes	Author	None	Yes	Search engine	No
133	(MAYER; LEIS; SANZ, 2009)	Spain	Discordant	No coincidence	Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	Yes
134	(MCGILL JF et al., 2009)	USA	Discordant	Discordant	Accuracy	Yes	Expert, User	None	Discordant	Search engine	No

135	(PANDOLFINI; CLAVENNA; BONATI, 2009)	Italy	Congenital Diseases	Discordant	Accuracy	Yes	Discordant	None	Yes	Search engine	Yes
136	(PARK et al., 2009)	South Korea	Gastroenterology	Study and Journal	Comprehen siveness, Accuracy, Design, HONCode, Technical	Yes	Author	None	Yes	Search engine	No
137	(REAM et al., 2009)	United Kingdom	Cancerology	No coincidence	Comprehen siveness, Accuracy, Design	Yes	Author	None	Discordant	Search engine	Yes
138	(SZUMILAS; KUTCHER, 2009)	Canada	Psychiatry	Study, Author and Journal	Accuracy	Yes	Author	None	Discordant	Discordan t	Yes
139	(TALLGREN et al., 2009)	Finland	Anesthesiology	Study, Author and Journal	DISCERN, Readability	Yes	Author	Discordant	No	Search engine	Yes
140	(TAN BH et al., 2009)	United Kingdom	Cancerology	Study, Author and Journal	Accuracy, JAMA Benchmark s	Yes	Author	None	Discordant	Search engine	No
141	(VAN DER MAREL et al., 2009)	Netherlan ds	Gastroenterology	Study, Author and Journal	Accuracy, DISCERN, Readability	Discordant	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	Yes	Search engine	Yes
142	(BAZAZ; GREEN; GREEN, 2010)	United Kingdom	Discordant	Study, Author and Journal	Comprehen siveness, Accuracy	No	Author	None	No	Discordan t	Yes
143	(BUHI et al., 2010)	USA	Public Health	Discordant	Comprehen siveness, Accuracy, Design, Technical	Yes	Discordant	None	Yes	Search engine	No

144	(DA SILVA; GUBERT, 2010)	Brazil	Nutrition	Discordant	Comprehen siveness, Accuracy	Yes	Author	None	Yes	Search engine	No
145	(DEOL et al., 2010)	United Kingdom	Surgery	Study, Author and Journal	Readability	No	Author	Flesch Reading Ease	No	Search engine	No
146	(EL-ZAMMAR; GFELLER- INGLEDEW, 2010)	Canada	Discordant	Study, Author and Journal	Comprehen siveness, Accuracy, Design, DISCERN, HONCode, JAMA Benchmark s, Readability, Technical	Discordant	Discordant	None	No	Search engine	No
147	(FITZSIMMONS et al., 2010)	United Kingdom	Neurology	No coincidence	Readability	No	Author	Flesch- Kincaid Grade Level, SMOG	No	Search engine	No
148	(GUARDIOLA- WANDEN-BERGHE; SANZ-VALERO; WANDEN-BERGHE, 2010)	Spain	Discordant	Discordant	Accuracy, Technical	Yes	Author	None	Discordant	Search engine	No
149	(HOPPE, 2010)	USA	Cancerology	Study and Journal	Readability	Yes	Author	Flesch- Kincaid Grade Level, SMOG	No	Arbitrary	Yes
150	(HOPPE; SCHUCHAT; VANDERFORD, 2010)	USA	Discordant	Study and Journal	Readability	No	Author	Flesch- Kincaid Grade Level, SMOG	No	Arbitrary	Yes

151	(KAICKER et al., 2010)	Canada	Discordant	Discordant	DISCERN, Readability	Yes	Author	Flesch-Kincaid Grade Level	No	Search engine	No
152	(KIERAN et al., 2010)	Ireland	Otorhinolaryngology	Study, Author and Journal	Accuracy, Technical	Yes	Author	None	Yes	Search engine	Yes
153	(LEITHNER et al., 2010)	Austria	Discordant	Discordant	Comprehensiveness, Accuracy	Yes	Discordant	None	Yes	Arbitrary	Yes
154	(LIEU et al., 2010)	USA	Pharmacy	Study, Author and Journal	Comprehensiveness, Accuracy	No	Expert	None	No	Search engine	No
155	(LOPEZ-JORNET; CAMACHO-ALONSO, 2010a)	Spain	Dentistry	Study, Author and Journal	DISCERN, HONCode, JAMA Benchmarks	Yes	Author	None	No	Search engine	No
156	(LOPEZ-JORNET; CAMACHO-ALONSO, 2010b)	Spain	Discordant	Study e Author	DISCERN, HONCode, JAMA Benchmarks	Yes	Author	None	No	Search engine	No
157	(MALAFAIA; RODRIGUES, 2010)	Brazil	Discordant	Discordant	Comprehensiveness, Accuracy, Design, Readability, Technical	Yes	Author		Discordant	Search engine	No
158	(MALLAPPA SAROJA; HANJI CHANDRASHEKAR, 2010)	United Kingdom	Gynecology and Obstetrics	Study, Author and Journal	Accuracy	Yes	Author	None	Yes	Search engine	Yes
159	(MEADOWS-OLIVER; BANASIAK, 2010)	USA	Discordant	No coincidence	Accuracy	Yes	Author	None	Yes	Search engine	Discordant

160	(MORR S et al., 2010)	USA	Orthopedics	Study, Author and Journal	Accuracy	Yes	Discordant	None	Discordant	Search engine	Yes
161	(MULHALL; ROJAZ-CRUZ; MULLER, 2010)	Discordant	Urology	Study, Author and Journal	Accuracy, Readability	Yes	Author	None	No	Arbitrary	Discordant
162	(POST; MAINOUS, 2010)	USA	Endocrinology	No coincidence	Accuracy	Yes	Author	None	Yes	Search engine	No
163	(RAJAGOPALAN et al., 2010)	USA	Cancerology	Study, Author and Journal	Accuracy, Readability	Discordant	Expert	Flesch-Kincaid Grade Level	Yes	Arbitrary	Discordant
164	(SCHALNUS et al., 2010)	Germany	Ophthalmology	Study, Author and Journal	Comprehensiveness, Accuracy	Yes	Expert	None	Yes	Search engine	No
165	(STARMAN et al., 2010)	USA	Orthopedics	Study, Author and Journal	Accuracy, HONCode	Yes	Author	None	Yes	Search engine	No
166	(ZERMATTEN et al., 2010)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, Design, DISCERN, HONCode, Readability	Discordant	Author	Flesch-Kincaid Grade Level	Yes	Search engine	Yes
167	(BAILEY et al., 2011)	United Kingdom	Surgery	Study, Author and Journal	Accuracy, Readability	Yes	Author	Flesch Reading Ease	No	Search engine	Discordant
168	(CHONG et al., 2011)	Canada	Cancerology	Study, Author and Journal	Comprehensiveness, Accuracy, Design, DISCERN, Readability, Technical	No	Discordant	Flesch Reading Ease, SMOG	No	Search engine	No
169	(COQUARD et al., 2011)	Switzerland	Psychiatry	Discordant	Comprehensiveness, Design, DISCERN,	No	Author	Flesch Reading Ease, Flesch-	Discordant	Discordant	No

					Readability, Technical			Kincaid Grade Level			
170	(FUENTES-TIRADO et al., 2011)	Puerto Rico	Physiotherapy and Occupational Therapy	Study, Author and Journal	Accuracy, DISCERN	Yes	Author	Discordant	Discordant	Search engine	No
171	(GKOUSKOU et al., 2011)	Greece	Nutrition	Study e Author	DISCERN	Discordant	Author	None	No	Search engine	Yes
172	(HALLINGBYE; SERAFINI, 2011)	USA	Anesthesiology	Study, Author and Journal	DISCERN, HONCode, JAMA Benchmarks	Yes	Author	None	Yes	Search engine	No
173	(IRWIN et al., 2011)	USA	Dentistry	Study, Author and Journal	Comprehensiveness, Accuracy, IQ-Tool	Yes	User	None	Yes	Search engine	Yes
174	(JOSHI; BHANGOO; KUMAR, 2011)	USA	Discordant	Discordant	Comprehensiveness, Accuracy	Yes	Author	None	Yes	Search engine	No
175	(KAR; NEFFENDORF; MAYER, 2011)	United Kingdom	Urology	Study, Author and Journal	HONCode, Readability, LIDA	Yes	Author	Discordant	No	Search engine	No
176	(KILLEEN et al., 2011)	Ireland	Discordant	Discordant	Comprehensiveness, Accuracy, Readability	Yes	Author	Flesch-Kincaid Grade Level	Yes	Search engine	No
177	(KUPFERBERG; PROTUS, 2011)	USA	Pharmacy	Discordant	Comprehensiveness, Accuracy	Yes	Author	None	Yes	Arbitrary	Yes
178	(LEBANOVA; BLLEVA; GETOV, 2011)	Bulgaria	Pharmacy	Study, Author and Journal	Accuracy	No	Author	None	Discordant	Search engine	No
179	(LEITE; CORREIA, 2011)	Portugal	Dentistry	Discordant	HONCode	Yes	Author	None	No	Search engine	No

180	(LIU; SASSON, 2011)	USA	Cardiology	Discordant	Accuracy	Yes	Author	None	Discordant	Search engine	No
181	(MINAGLIA et al., 2011)	USA	Discordant	Discordant	Comprehensiveness, Accuracy, Technical	No	Discordant	None	No	Search engine	No
182	(NICOLSON et al., 2011)	United Kingdom	Pharmacy	No coincidence	Design, Readability	Yes	User	None	No	Arbitrary	Yes
183	(PATEL et al., 2011)	USA	Surgery	Study, Author and Journal	Readability	Yes	Author	Flesch-Kincaid Grade Level, SMOG, New Dale-Chall Test	No	Arbitrary	Discordant
184	(PATEL; COBOURNE, 2011)	United Kingdom	Dentistry	Study, Author and Journal	Readability, LIDA	Yes	Author	Flesch Reading Ease	No	Search engine	Yes
185	(SAN NORBERTO et al., 2011)	Spain	Discordant	Discordant	Readability, LIDA	Yes	Author	Discordant	No	Search engine	Yes
186	(SCALI; INGLEDEW, 2011)	Canada	Cancerology	Study e Author	Comprehensiveness, Accuracy, Readability, Technical	Discordant	Author		No	Discordant	No
187	(TANGRI; CHANDE, 2011)	Discordant	Gastroenterology	Study, Author and Journal	DISCERN	Yes	Author	None	No	Search engine	Yes
188	(THAKOR et al., 2011)	Australia	Alternative Medicine	Study and Journal	Accuracy, DISCERN, Readability	Yes	Discordant	Discordant	No	Search engine	No
189	(VAONA et al., 2011)	Italy	Endocrinology	Study and Journal		Yes	Expert	None	Discordant	Arbitrary	Yes
190	(AHMED et al., 2012)	New Zealand	Physiotherapy and Occupational Therapy	Study, Author and Journal	Accuracy, HONCode, Readability	Yes	Author, Expert	Flesch Reading Ease, Flesch-	No	Discordant	Yes

191	(ALDAIRY; LAVERICK; MCINTYRE, 2012)	United Kingdom	Discordant	Study, Author and Journal	DISCERN	Yes	Author	None	No	Search engine	Yes
192	(BAILEY MA et al., 2012)	United Kingdom	Discordant	Study, Author and Journal	Readability	No	Discordant	Flesch Reading Ease	No	Search engine	Discordant
193	(CARRILLO-LARCO et al., 2012)	Peru	Gynecology and Obstetrics	No coincidence	Comprehen siveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	No
194	(CHAN et al., 2012)	United Kingdom	Cancerology	Study and Journal	Accuracy, Michigan Score, Technical	No	Author	None	Yes	Search engine	No
195	(CUBAS; FELCHNER, 2012)	Brazil	Mastologia	No coincidence	HONCode	Yes	Author	None	Discordant	Search engine	No
196	(DASH et al., 2012)	India	Discordant	Discordant	Comprehen siveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	No
197	(DEL GIGLIO et al., 2012a)	Brazil	Discordant	No coincidence	Comprehen siveness, Accuracy, DISCERN, HONCode	Yes	Author	None	Yes	Search engine	No
198	(DUNCAN; DUNCAN, 2012)	United Kingdom	Infectious and Parasitic Diseases	Study and Journal	Comprehen siveness	Yes	Author	None	Discordant	Search engine	No
199	(ELLIMOOTIL et al., 2012)	USA	Urology	Discordant	Readability	No	Author	Flesch Reading Ease,	No	Search engine	No

200	(FACKRELL et al., 2012)	United Kingdom	Discordant	Discordant	Comprehensiveness, Accuracy, DISCERN, Technical	Yes	Author	None	Yes	Discordant	Yes
201	(FAST et al., 2012)	Discordant	Urology	Study, Author and Journal	HONCode	Yes	Author	None	No	Search engine	No
202	(FELLER et al., 2012)	USA	Orthopedics	Study e Author	Comprehensiveness, Accuracy	Yes	Author	None	Discordant	Search engine	Discordant
203	(GONDIM; WEYNE; FERREIRA, 2012a)	Brazil	Pharmacy	Discordant	Technical	Yes	Author	None	Yes	Search engine	No
204	(GORDON et al., 2012)	USA	Discordant	Study, Author and Journal	Accuracy, Readability, Technical	Yes	Author	Discordant	Yes	Search engine	Yes
205	(HENDRICK et al., 2012)	New Zealand	Physiotherapy and Occupational Therapy	Study, Author and Journal	Accuracy, HONCode	Yes	Author	Flesch-Kincaid Grade Level	Yes	Search engine	Yes
206	(HIRASAWA et al., 2012)	Japan	Nutrition	Study and Journal	Comprehensiveness, DISCERN, HONCode, JAMA Benchmarks, Readability	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Discordant	Search engine	No
207	(KULASEGARAH et al., 2012)	Ireland	Otorhinolaryngology	Study e Author	Comprehensiveness, Accuracy	Yes	Author	None	Yes	Search engine	No

208	(LAPLANTE- LEVESQUE et al., 2012)	Sweden	Otorhinolaryngology	Discordant	DISCERN, HONCode, Readability	Yes	Discordant	Flesch Reading Ease, Flesch- Kincaid Grade Level, SMOG	No	Search engine	Yes
209	(LAWRENTSCHUK et al., 2012)	Australia	Cancerology	Discordant	HONCode	Yes	Author	None	Discordant	Search engine	No
210	(MAK et al., 2012)	Australia	Public Health	Study, Author and Journal	Design, Readability, Technical	Yes	Discordant		No	Discordant	Discordant
211	(MIN WOO; JEONG HWAN; JI WOON, 2012)	South Korea	Dentistry	Study, Author and Journal	Accuracy, DISCERN, HONCode, JAMA Benchmarks	Yes	Author	None	Discordant	Search engine	No
212	(MINAGLIA et al., 2012)	USA	Discordant	Study, Author and Journal	Accuracy	Yes	Discordant	None	Discordant	Search engine	No
213	(MISRA et al., 2012)	USA	Cancerology	Study and Journal	Readability	Yes	Author	Discordant	No	Search engine	Yes
214	(MUTHUKUMARAS AMY S et al., 2012)	Discordant	Discordant	Study, Author and Journal	Readability, LIDA	Yes	Author	Flesch Reading Ease	No	Search engine	No
215	(NEUMARK et al., 2012)	Israel	Public Health	Discordant	Comprehensiveness, Accuracy, Design, HONCode, Michigan Score	Yes	Author	None	Yes	Discordant	No
216	(POLISHCHUK; HASHEM; SABHARWAL, 2012)	USA	Discordant	Study and Journal	Readability	Yes	Author	Flesch- Kincaid	No	Arbitrary	Yes

217	(POSCIA et al., 2012)	Italy	Public Health	Discordant	Comprehen siveness	Yes	Author		No	Search engine	No
218	(PRUSTI et al., 2012)	Finland	Pharmacy	Study, Author and Journal	Comprehen siveness, Accuracy, Design, DISCERN	Yes	Author	None	Yes	Search engine	No
219	(PUSZ; BRIETZKE, 2012)	USA	Otorhinolaryngolo gy	Study, Author and Journal	DISCERN	Yes	Author	None	No	Search engine	Discordant
220	(QUINN et al., 2012)	Ireland	Cancerology	Study and Journal	Accuracy	Yes	Discordant	None	Yes	Search engine	No
221	(QURESHI et al., 2012)	USA	Orthopedics	Study, Author and Journal	Accuracy	Yes	Author	None	Discordant	Search engine	No
222	(RAO et al., 2012)	India	Public Health	Study e Author	Accuracy, DISCERN	Yes	Discordant	None	No	Search engine	No
223	(REAVLEY et al., 2012)	Australia	Discordant	Discordant	Comprehen siveness, Accuracy, Readability, Technical	Yes	Expert	Flesch- Kincaid Grade Level	Discordant	Search engine	Yes
224	(RISOLDI COCHRANE; GREGORY; WILSON, 2012)	USA	Public Health	No coincidence	Readability	Yes	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level, SMOG	No	Search engine	No
225	(SILVEIRA; COSTA; DE LIMA, 2012)	Brazil	Speech Therapy	Study, Author and Journal	Accuracy, HONCode	Yes	Author	None	No	Search engine	No
226	(SMITH et al., 2012)	USA	Orthopedics	Study, Author and Journal	Accuracy, HONCode	Yes	Discordant	None	Yes	Search engine	No

227	(SOM; GUNAWARDANA, 2012)	United Kingdom	Cancerology	Study and Journal	DISCERN	Discordant	Author	None	No	Search engine	No
228	(SOOBRAH; CLARK, 2012)	United Kingdom	Discordant	Discordant	HONCode, Readability, LIDA	Discordant	Author	Flesch Reading Ease	No	Search engine	No
229	(TAVARE; ALSAFI; HAMADY, 2012)	United Kingdom	Discordant	Study and Journal	HONCode, Readability, LIDA	Yes	Author	Flesch Reading Ease	No	Search engine	Yes
230	(TEJWANI et al., 2012)	Discordan t	Cancerology	Study and Journal	Readability	Yes	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	No	Search engine	No
231	(VOLSKY et al., 2012)	USA	Otorhinolaryngolo gy	Study, Author and Journal	Accuracy, Readability	Discordant	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	Yes	Search engine	Yes
232	(WARD; LEACH, 2012)	United Kingdom	Surgery	Study and Journal	Accuracy, Michigan Score	No	Author	None	Discordant	Search engine	No
233	(WHITEHEAD et al., 2012)	United Kingdom	Public Health	Study e Author	Accuracy, HONCode	Yes	Author	None	Yes	Search engine	Yes
234	(YEUNG; MORTENSEN, 2012)	USA	Discordant	Discordant	Accuracy, DISCERN, Technical	Yes	Author	None	No	Search engine	No
235	(ADRIAN et al., 2013)	USA	Gynecology and Obstetrics	Discordant	Accuracy	Yes	Author		No	Search engine	No
236	(ALBA-RUIZ et al., 2013)	Spain	Cancerology	Discordant	DISCERN, HONCode,	Yes	Author	Discordant	No	Search engine	Yes

					JAMA Benchmark s, Readability						
237	(ALSAFI et al., 2013)	United Kingdom	Medical Radiology	Study e Author	Readability, LIDA	No	Author	Flesch Reading Ease	No	Search engine	Yes
238	(ANDEV et al., 2013)	United Kingdom	Discordant	Discordant	DISCERN, HONCode	No	Author		No	Search engine	No
239	(AUVIN; DUPONT, 2013)	France	Neurology	Study, Author and Journal	DISCERN	Yes	Author, User	None	No	Search engine	Yes
240	(BAILEY et al., 2013)	Canada	Discordant	Discordant	DISCERN	Yes	Expert, User	None	No	Search engine	Yes
241	(BAILEY SD et al., 2013)	USA	Pediatrics	Study, Author and Journal	Comprehen siveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	Yes
242	(BERK et al., 2013a)	Australia	Psychiatry	Study e Author		Yes	User	None	No	Discordan t	Discordant
243	(BRUCE-BRAND et al., 2013)	Ireland	Discordant	Study, Author and Journal	Comprehen siveness, Accuracy, DISCERN, JAMA Benchmark s	No	Author	None	Yes	Search engine	Yes
244	(CHEN et al., 2013)	Australia	Urology	Study, Author and Journal	Technical	Yes	Author	None	No	Search engine	No
245	(CHONG YM et al., 2013)	Australia	Orthopedics	Study and Journal	DISCERN	Yes	Author	None	No	Search engine	Yes
246	(COLACO et al., 2013)	USA	Urology	Study, Author and Journal	Readability	No	Author	Coleman-Liau Index, Flesch Reading	No	Discordan t	Yes

Ease,
Flesch-
Kincaid
Grade
Level,
FORCAST
Formula,
Fry Graph,
Gunning
Fog Index,
New Fog
Count,
Raygor
Readability
Estimate,
SMOG,
New Dale-
Chall Test

247	(CONESA-FUENTES; AGUINAGA- ONTOSO; HERNANDEZ- MORANTE, 2013)	Spain	Nursing	Discordant		No					Discordant
248	(DUNCAN IC et al., 2013)	USA	Surgery	Study, Author and Journal	Comprehen siveness, Accuracy, Design, Technical	Discordant	Author	None	No	Search engine	No
249	(DUNNE et al., 2013)	Ireland	Pharmacy	No coincidence	Accuracy, Readability	Yes	Author	Discordant	No	Search engine	Yes
250	(EDMUNDS; BARRY; DENNISTON, 2013)	United Kingdom	Ophthalmology	Study, Author and Journal	Readability	No	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level,	No	Search engine	No

251	(EICHENBERG; BLOKUS; MALBERG, 2013)	Germany	Psychology	Study e Author	Comprehen siveness, Accuracy, Design, Technical	Yes	Author	None	Yes	Search engine	Discordant
252	(FABRICANT et al., 2013)	USA	Orthopedics	Study, Author and Journal	Comprehen siveness, Accuracy, Readability	Yes	Expert	Flesch- Kincaid Grade Level	Yes	Search engine	No
253	(FERRARI CC et al., 2013)	Italy	Surgery	Study, Author and Journal	DISCERN, Readability, Technical	No	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	No	Search engine	Discordant
254	(FERREIRA et al., 2013)	Portugal	Cancerology	No coincidence	Accuracy, Readability	Yes	Author	Discordant	Yes	Search engine	No
255	(GORCZYNSKI; PATEL; GANGULI, 2013)	Canada	Discordant	Study, Author and Journal	Accuracy, Readability, Technical	Yes	Discordant	Discordant	Yes	Discordan t	Yes
256	(GREWAL; ALAGARATNAM, 2013)	United Kingdom	Cancerology	No coincidence	Readability, LIDA	Discordant	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level, Gunning Fog Index	No	Search engine	Discordant
257	(HANSBERRY et al., 2013)	USA	Neurology	Study, Author and Journal	Readability	Yes	Author	Flesch Reading Ease,	Discordant	Discordan t	Yes

258	(HIRASAWA et al., 2013)	Japan	Nutrition	Discordant	Comprehensiveness, Accuracy, Technical	Yes	Author		Yes	Search engine	No
259	(JOSHI et al., 2013)	USA	Discordant	Discordant	Accuracy, DISCERN	Yes	Author	None	No	Search engine	Discordant
260	(KEARNEY et al., 2013)	USA	Pediatrics	Study and Journal	Accuracy	Yes	Discordant	None	Yes	Search engine	No
261	(KLILA et al., 2013)	Switzerland	Psychiatry	Study, Author and Journal	Accuracy, Design, DISCERN, HONCode, Readability, Technical	Yes	Author	Flesch-Kincaid Grade Level	Yes	Search engine	Yes
262	(KNIJNENBURG et al., 2013)	Netherlands	Discordant	Study, Author and Journal	Design, Technical	Yes	User	None	Discordant	Arbitrary	Discordant
263	(LIVAS; DELLI; REN, 2013)	Switzerland	Dentistry	Study, Author and Journal	Accuracy, Readability, LIDA	Yes	Author	Flesch Reading Ease	Yes	Search engine	Yes
264	(LUTSKY; BERNSTEIN; BEREDJIKLIAN, 2013)	USA	Orthopedics	Study, Author and Journal	Accuracy	Yes	Author	None	Yes	Search engine	No
265	(MCKEARNEY et al., 2013)	United Kingdom	Otorhinolaryngology	Study and Journal	DISCERN, Readability	Yes	Author	Discordant	No	Search engine	No
266	(MILLER et al., 2013)	USA	Discordant	Discordant	Comprehensiveness, Accuracy	Yes	Discordant	None	Yes	Discordant	No
267	(MIRA et al., 2013)	Spain	Pharmacy	Study and Journal	DISCERN, Readability	No	Author	Discordant	Discordant	Search engine	No

268	(MONTROYA et al., 2013)	Spain	Discordant	Discordant	Accuracy, DISCERN, Readability	Yes	Expert, User	None	Discordant	Search engine	Yes
269	(NASON; TAREEN; QUINN, 2013)	Ireland	Urology	Study, Author and Journal	Accuracy, DISCERN, HONCode, JAMA Benchmarks	Yes	Discordant	None	Discordant	Search engine	Yes
270	(NEILL et al., 2013)	Ireland	Discordant	Study e Author	Readability, LIDA	Discordant	Author	Flesch Reading Ease, Gunning Fog Index	No	Search engine	No
271	(OBERLIN et al., 2013)	USA	Urology	Discordant	Accuracy	Discordant	Discordant	None	No	Discordant	No
272	(ORLOWSKI; OERMANN; SHAW-KOKOT, 2013)	USA	Discordant	Discordant	Accuracy, HONCode, Readability	Discordant	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	Yes
273	(OW et al., 2013)	Australia	Discordant	Study, Author and Journal		Discordant					No
274	(PATEL et al., 2013)	USA	Discordant	Discordant	Readability	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level, Gunning Fog Index, SMOG	No	Search engine	Discordant

275	(RHEE et al., 2013)	USA	Rheumatology	Study, Author and Journal	Readability	Discordant	Author	Flesch-Kincaid Grade Level	Discordant	Discordant	Discordant
276	(SHAH et al., 2013)	USA	Discordant	Study, Author and Journal	Accuracy, DISCERN, JAMA Benchmarks	Yes	Author	None	Yes	Search engine	Discordant
277	(SHAHAR; SHIRLEY; NOAH, 2013)	Malaysia	Nutrition	Study e Author	Accuracy, Design, HONCode, Readability, Technical	Yes	Author	Flesch Reading Ease	Yes	Search engine	No
278	(SHARMA et al., 2013)	United Kingdom	Discordant	Study, Author and Journal	Readability	Yes	Author	Flesch-Kincaid Grade Level, SMOG	No	Search engine	No
279	(SHUKLA et al., 2013)	USA	Medical Radiology	Study, Author and Journal	Readability	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level, Gunning Fog Index, SMOG	Discordant	Discordant	No
280	(SOBOTA; OZAKINCI, 2013)	United Kingdom	Gynecology and Obstetrics	Study and Journal	DISCERN, HONCode, JAMA Benchmarks, Readability, Technical	No	Author	Flesch Reading Ease	No	Search engine	No

281	(SURMAN; BATH, 2013)	United Kingdom	Discordant	No coincidence	DISCERN, HONCode, Readability	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	No
282	(SVIDER et al., 2013)	USA	Otorhinolaryngology	Study, Author and Journal	Readability	Yes	Author	Coleman-Liau Index, Flesch Reading Ease, Flesch-Kincaid Grade Level, FORCAST Formula, Fry Graph, Gunning Fog Index, New Fog Count, Raygor Readability Estimate, SMOG, New Dale-Chall Test	No	Arbitrary	Discordant
283	(TIRLAPUR; LEIU; KHAN, 2013)	United Kingdom	Discordant	Study, Author and Journal	Accuracy, DISCERN, Readability	Yes	Author	Discordant	Yes	Search engine	Yes
284	(WEISS; MOLLON; LEE, 2013)	USA	Geriatrics	Study, Author and Journal	Readability	Discordant	Author	Discordant	No	Arbitrary	Yes
285	(WHITTEN; NAZIONE; LAUCKNER, 2013)	USA	Cancerology	Discordant	Comprehensiveness, Design,	No	Author	Discordant	No	Search engine	No

					Readability, Technical						
286	(WONG LM et al., 2013)	Canada	Urology	Study, Author and Journal	DISCERN, HONCode, LIDA	Yes	Author	None	Discordant	Discordant	No
287	(YEUNG; D'SOUZA, 2013)	United Kingdom	Surgery	Discordant	Accuracy, DISCERN	Discordant	Author	None	Discordant	Search engine	No
288	(AVRAHAM et al., 2014)	Israel	Gynecology and Obstetrics	Study, Author and Journal	Comprehensiveness, Accuracy, Technical	Yes	Author	None	Yes	Discordant	No
289	(GROHOL; SLIMOWICZ; GRANDA, 2014)	USA	Psychology	Study, Author and Journal	Comprehensiveness, Accuracy, DISCERN, Readability	Yes	Author	Flesch Reading Ease, Flesch-Kincaid Grade Level	Yes	Search engine	No
290	(HANSBERRY et al., 2014)	USA	Medical Radiology	Study e Author	Readability	Yes	Author	Discordant	No	Arbitrary	Yes
291	(HANSBERRY et al., 2014a)	USA	Discordant	Study e Author	Readability	Yes	Author	Coleman-Liau Index, Flesch Reading Ease, Flesch-Kincaid Grade Level, FORCAST Formula, Fry Graph, Gunning Fog Index, New Fog Count, Raygor	No	Arbitrary	Discordant

292	(JAFFE; TONICK; ANGELL, 2014)	USA	Gynecology and Obstetrics	Discordant	DISCERN	No	Author	None	No	Search engine	No
293	(KEOGH et al., 2014)	Ireland	Surgery	Study, Author and Journal	Readability, LIDA	Yes	Author	Discordant	No	Search engine	Yes
294	(KUMAR et al., 2014)	India	Orthopedics	Study, Author and Journal	DISCERN	Yes	Author		No	Search engine	No
295	(LIU; HAUKOOSA; SASSON, 2014)	USA	Cardiology	Study, Author and Journal	Comprehen siveness, Accuracy, Technical	Yes	Author	None	Yes	Search engine	Yes
296	(MEYER et al., 2014)	Germany	Otorhinolaryngolo gy	Study, Author and Journal	Readability	Yes	Author	Discordant	No	Discordan t	No
297	(NICHOLSON et al., 2014)	United Kingdom	Ophthalmology	Study, Author and Journal	Design, Michigan Score	Discordant	Discordant	None	Discordant	Search engine	No
298	(ONEILL et al., 2014)	Ireland	Orthopedics	Study, Author and Journal	DISCERN, HONCode, JAMA Benchmark s, Readability	No	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level, Gunning Fog Index	No	Search engine	No
299	(TING; HU, 2014)	USA	Otorhinolaryngolo gy	Study, Author and Journal	DISCERN, Readability	Yes	Author	Flesch Reading Ease, Flesch- Kincaid Grade Level	No	Search engine	No

APPENDIX C - Characteristics found in at least 3 studies with Kappa ≥ 0.6

Characteristic	Yes	No	Disagreements	Kappa
Country				
United States	101	193	5	0.96
United Kingdom	52	244	3	0.97
Canada	18	278	3	0.92
Australia	14	285	0	1
Spain	14	285	0	1
Switzerland	10	287	2	0.91
Brazil	10	288	1	0.95
Ireland	10	289	0	1
Germany	7	290	2	0.87
France	6	290	3	0.79
Netherlands	5	294	0	1
Italy	5	294	0	1
Japan	3	296	0	1
India	3	296	0	1
Area				
Cancerology	23	268	8	0.84
Orthopedics	21	270	8	0.83
Psychiatry	19	274	6	0.85
Surgery	16	267	16	0.64
Pharmacy	15	280	4	0.88
Public Health	12	279	8	0.74
Urology	12	284	3	0.88
Neurology	12	284	3	0.88
Gynecology and Obstetrics	10	283	6	0.76
Otolaryngology	9	287	3	0.85
Dentistry	8	288	3	0.84
Endocrinology	8	289	2	0.89
Nutrition	7	288	4	0.77
Anesthesiology	7	291	1	0.93
Nursing	6	289	4	0.74
Infectious and Parasitic Diseases	6	289	4	0.74
Ophthalmology	5	293	1	0.91
Medical Radiology	3	294	2	0.75
Rheumatology	3	296	0	1
Physiotherapy and Occupational Therapy	3	296	0	1
Coincidence				
Study, Author and Journal	152	104	43	0.71
Study and Journal	31	245	23	0.69

No coincidence	30	237	32	0.6
Study and Author	24	249	26	0.6
Established Criteria				
Nenhum	128	126	45	0.7
DISCERN	69	227	3	0.97
HONCode	54	213	32	0.7
JAMA Benchmarks	16	281	2	0.94
LIDA	12	287	0	1
IQ Tool	4	294	1	0.89
Michigan Score	4	293	2	0.8
HITI	4	295	0	1
Interpreted Criteria				
Accuracy	187	78	34	0.74
Legibility	116	161	22	0.85
Comprehensiveness	82	159	58	0.6
Technical	77	168	54	0.61
Design	52	210	37	0.66
None	23	275	1	0.98
Indicators reported				
Yes	224	44	31	0.68
No	44	224	31	0.68
Evaluation process (Evaluators)				
Author	239	30	30	0.62
Specialist	25	249	25	0.62
User	15	276	8	0.78
Technology to assess readability				
None	186	97	16	0.88
Flesch-Kincaid Grade Level	74	212	13	0.89
Flesch Reading Ease	58	231	10	0.9
SMOG	24	274	1	0.98
Gunning Fog Index	14	283	2	0.93
Fry Graph	6	292	1	0.92
New Dale-Chall Test	5	293	1	0.91
New Fog Count	5	294	0	1
Raygor Readability Estimate	5	294	0	1
Coleman-Liau Index	5	294	0	1
FORCAST Formula	4	294	1	0.89
Reference-Based Assessment				
No	121	117	61	0.6
Yes	117	121	61	0.6

Method for selecting website				
Search Engine	249	25	25	0.62
Arbitrary	27	244	28	0.61
Evaluated sites reported				
No	160	108	31	0.79
Yes	108	160	31	0.79