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Food safety education using book covers and videos to improve street food safety knowledge, attitude, and practice of elementary school students (Article) (Open Access)

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Abstract

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The aim of this study was to assess food safety education using school book covers and videos to Public Elementary School (PES) students in Cimahi City, West Java, Indonesia to order to improve knowledge, attitude, and practice of street food safety. We used quasy experiment with pretest-posttest control group design. We selected the intervention group from four public elementary schools in South Cimahi City where food poisoning had occurred, and the control group from four public elementary schools in North Cimahi City by simple random sampling. Samples consisted of 224 students; 112 as control and 112 as intervention group. This study was conducted for six months, in which the food safety education regarding street food safety used different book covers for ten subject note books and videos. The book covers which consisted of materials on bacteriological and chemical food safety were explained once a week within 50-60 minutes duration. The videos regarding street food safety were given for 3 (three) times within 6 months. Before food safety education, there was no significant difference in knowledge, attitude, and practice ($p>0.05$) between the control and intervention groups. After six month food safety education, knowledge, attitude, and practice significantly improved ($p<0.05$) in intervention group compared to control group. Within intervention group, knowledge was improved from 5.4% (pre intervention) to 91.1% (post intervention), attitude from 69.6% (pre intervention) to 97.3% (post intervention), and practice from 21.4% (pre intervention) to 59.8% (post intervention). This study provides evidence that food safety education using book covers and videos to the elementary students for six months improved their knowledge, attitude, and practice of street food safety. © 2017 The Author(s).

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Attitude Book covers Health education Knowledge Practice Street food safety Videos

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This study had been approved by the Ethics Committee for Health Research, School of Public Health, University of Diponegoro, with Ethical Clearance Number 128/EC/FKM/2016.

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- ☐ 1 (2014) *Indonesia: Social Trends and Employment*
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Street Food
(2000) *Word Review of Nutrition and Dietetics*, 86. Cited 7 times.

- ☐ 3 Taulo, S., Wetlesen, A., Abrahamsen, R., Kululanga, G., Mkakosya, R., Grimason, A.
Microbiological hazard identification and exposure assessment of food prepared and served in rural households of Lungwena, Malawi

(2008) *International Journal of Food Microbiology*, 125 (2), pp. 111-116. Cited 28 times.
doi: 10.1016/j.ijfoodmicro.2008.02.025

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- ☐ 4 Gadaga, T.H., Samende, B.K., Musuna, C., Chibanda, D.
The microbiological quality of informally vended foods in Harare, Zimbabwe

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doi: 10.1016/j.foodcont.2007.07.016

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- ☐ 5 Kubheka, L.C., Mosupye, F.M., Von Holy, A.
Microbiological survey of street-vended salad and gravy in Johannesburg city, South Africa

(2001) *Food Control*, 12 (2), pp. 127-131. Cited 39 times.
doi: 10.1016/S0956-7135(00)00030-X

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- ☐ 6 Ng, Y.-F., Wong, S.-L., Cheng, H.-L., Yu, P.H.F., Chan, S.-W.
The microbiological quality of ready-to-eat food in Siu Mei and Lo Mei shops in Hong Kong

(2013) *Food Control*, 34 (2), pp. 547-553. Cited 14 times.
doi: 10.1016/j.foodcont.2013.05.018

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- ☐ 7 Mamun, M.A.A., Rahman, M.A., Zaman, M., Ferdousi, Z., Reza, M.A.
Toxicological Effect of Formalin as Food Preservative on Kidney and Liver Tissues in Mice Model
(2014) *Journal of Environmental Science, Toxicology and Technology*, 8, pp. 47-51. Cited 7 times.

- ☐ 8 Noriko, N., Pratiwi, E., Yulita, A., Elfidasari, D.
Case Studies on Dyes, Artificial Sweeteners, Formaldehyde on Child Street Food in PES Telaga Murni 03 and Tambun 04 District of Bekasi”
(2011) *Journal of Al-Azhar Indonesia Science and Technology Series*, 1 (2), pp. 47-53.

-
- 9 Indonesia National Agency of Drug and Food Control)
(2015) *Street Food Elementary School*
Jakarta; Indonesia
-
- 10 Sofos, J.
Advances in microbial food safety

(2013) *Advances in Microbial Food Safety*, 1, pp. 1-528. Cited 3 times.
<http://sciencedirect.proxy.undip.ac.id:2048/science/book/9780857094384>
ISBN: 978-085709438-4
doi: 10.1533/9780857098740

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-
- 11 Ozilgen, S.
Food safety education makes the difference: Food safety perceptions, knowledge, attitudes and practices among Turkish university students

(2011) *Journal fur Verbraucherschutz und Lebensmittelsicherheit*, 6 (1), pp. 25-34. Cited 11 times.
doi: 10.1007/s00003-010-0593-z

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- 12 sanlier, N.
The knowledge and practice of food safety by young and adult consumers

(2009) *Food Control*, 20 (6), pp. 538-542. Cited 113 times.
doi: 10.1016/j.foodcont.2008.08.006

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-
- 13 Norazmir, M.N., Noor Hasyimah, M.A., Siti Shafurah, A., Siti Sabariah, B., Ajau, D., Norazlanshah, H.
Knowledge and practices on food safety among secondary school students in Johor Bahru, Johor, Malaysia (Open Access)

(2012) *Pakistan Journal of Nutrition*, 11 (2), pp. 110-115. Cited 18 times.
<http://www.pjbs.org/pjnonline/fin2207.pdf>
doi: 10.3923/pjn.2012.110.115

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-
- 14 Widajanti, L., Suryawati, C., Sugihantono, A.
The Influence of Healthy and Nutritious Juvenile Food Comics to Improve the Knowledge and Attitude of Elementary School Children
(2009) *The Indonesian Journal of Public Health*, 6 (1), pp. 19-23.
-
- 15 Purwani, E., Ambarwati, S.A.P.
Improvement of Knowledge and Attitude of Street Food Safety Using Picture Story Media in Madrasah Ibtidaiyah Muhammadiyah Sukoharjo
(2013) *Warta*, 16 (1), pp. 01-13. Cited 2 times.
-
- 16 Kemenkes, R.I.
Health Ministry of Republic Indonesia)
(2013) *Basic Health Research*
Jakarta; Indonesia
-
- 17 Health Profile of Cimahi City
(2015) *Cimahi; Indonesia*
-

-
- 18 Taylor, S.Y.
Health Psychology. Ninth Edition
(2015) *Mcgraw-Hill Education; New York*
-
- 19 Bell, M.L., Kelley-Baker, T., Rider, R., Ringwalt, C.
Protecting you/protecting me: Effects of an alcohol prevention and vehicle safety program on elementary students

(2005) *Journal of School Health*, 75 (5), pp. 171-177. Cited 17 times.
<http://www.blackwellpublishing.com/journal.asp?ref=0022-4391&site=1>
doi: 10.1111/j.1746-1561.2005.tb06667.x

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-
- 20 Horner, S.D., Fouladi, R.T.
Improvement of rural children's asthma self-management by lay health educators
([Open Access](#))

(2008) *Journal of School Health*, 78 (9), pp. 506-513. Cited 33 times.
doi: 10.1111/j.1746-1561.2008.00336.x

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-
- 21 Katz, D.L., Katz, C.S., Treu, J.A., Reynolds, J., Njike, V., Walker, J., Smith, E., (...), Michael, J.
Teaching healthful food choices to elementary school students and their parents: The nutrition detectives™ program

(2011) *Journal of School Health*, 81 (1), pp. 21-28. Cited 52 times.
doi: 10.1111/j.1746-1561.2010.00553.x

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-
- 22 Wall, D.E., Least, C., Gromis, J., Lohse, B.
Nutrition education intervention improves vegetable-related attitude, self-efficacy, preference, and knowledge of fourth-grade students

(2012) *Journal of School Health*, 82 (1), pp. 37-43. Cited 45 times.
doi: 10.1111/j.1746-1561.2011.00665.x

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-
- 23 Kintner, E.K., Cook, G., Marti, C.N., Allen, A., Stoddard, D., Harmon, P., Gomes, M., (...), Van Egeren, L.A.
Effectiveness of a school- and community-based academic asthma health education program on use of effective asthma self-care behaviors in older school-age students
([Open Access](#))

(2015) *Journal for Specialists in Pediatric Nursing*, 20 (1), pp. 62-75. Cited 20 times.
<http://www.blackwellpublishing.com/journal.asp?ref=1539-0136&site=1>
doi: 10.1111/jspn.12099

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-
- 24 Park, J.-H., Kim, J.-S.
Effects of spinal health educational programs for elementary school children

(2011) *Journal for Specialists in Pediatric Nursing*, 16 (2), pp. 121-129. Cited 10 times.
doi: 10.1111/j.1744-6155.2011.00278.x

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-
- 25 Bektas, M., Ozturk, C.
Effect of health promotion education on presence of positive health behaviors, level of anxiety and self-concept
(2008) *Social Behavior and Personality*, 36 (5), pp. 681-690. Cited 11 times.
doi: 10.2224/sbp.2008.36.5.681
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-
- 26 Shen, M., Hu, M., Sun, Z.
Assessment of school-based quasi-experimental nutrition and food safety health education for primary school students in two poverty-stricken counties of West China ([Open Access](#))
(2015) *PLoS ONE*, 10 (12), art. no. e0145090. Cited 11 times.
<http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0145090&representation=PDF>
doi: 10.1371/journal.pone.0145090
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-
- 27 Valente, T.W.
Evaluating Health Promotion Programs
(2000) *Oxford University Press; California*
-
- 28 Green, L.
Health Promotion Planning, an Educational and Environment Approach 2nd Edition
(2000) *London; Mayfield Publishing Company*
-
- 29 Naidoo, J., Willss, J.
Foundation for Health Promotion
(2009) *London; Bailliere Tindal*
-
- 30 Hornik, R.C.
Public Health Communication Evidence for Behavior Change. Lawrence Erlbaum Associates
(2012) *Mahwah New Jersey London; Lawrence Erlbaum Associates Publishers*
-
- 31 Hamida, K., Mutalazimah, S.Z.
Nutrition Counseling Using Comic Media to Increase Street Food Safety Knowledge
(2012) *Journal of Public Health*, 8 (1), pp. 67-73.
-
- 32 Bloom, B.S., Engelhart, M.D., Furst, E.J., Hill, W.H., Krathwohl, D.R.
(1956) *The Taxonomy of Education Objectives the Classification of Education Goals*. Cited 13194 times.
Handbook I, Cognitive Domain, New York; David McKay
-
- 33 Wibawa, C.
The Effectiveness Difference of Demonstration Method Using Video about Eradicating Dengue Fever to Increase Knowledge and Attitude of Elementary School Children in District Pati
(2007) *Journal Health Promotion Indonesia*, 2 (2), pp. 115-129.
-

□ 34 Ogden, J.
Health Psychology
(2007) *Buckingham; Open University Press*

□ 35 Skinner, B.F.
(2014) *Science and Human Behavior*. Cited 5363 times.
New York; The Free Press

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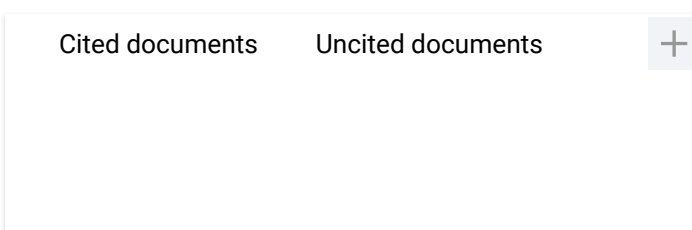
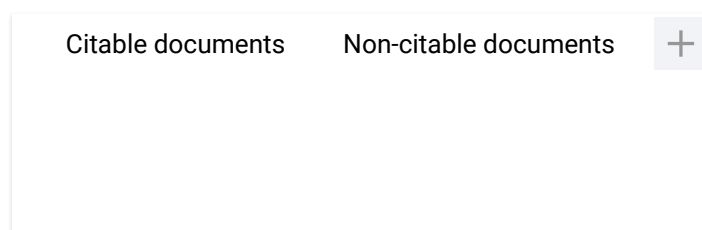
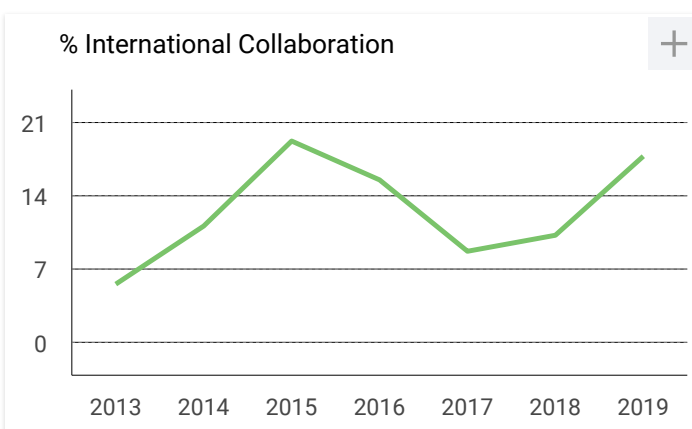
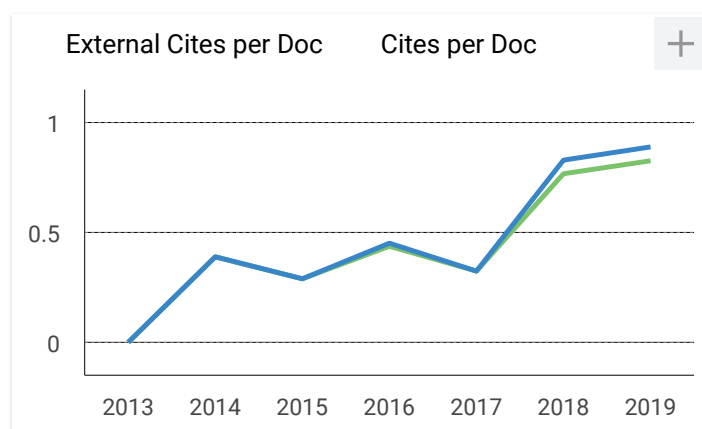
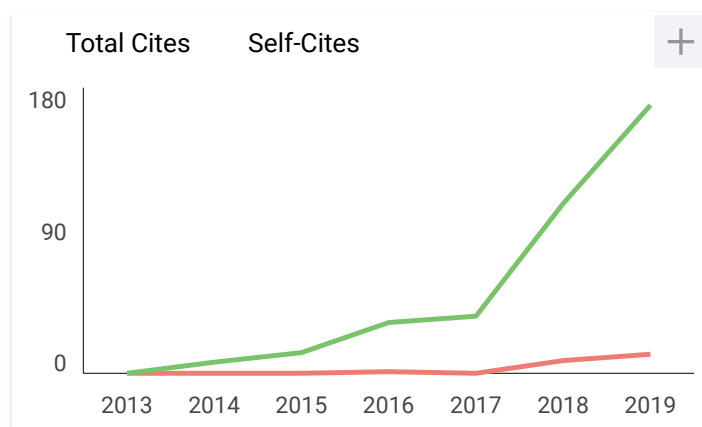
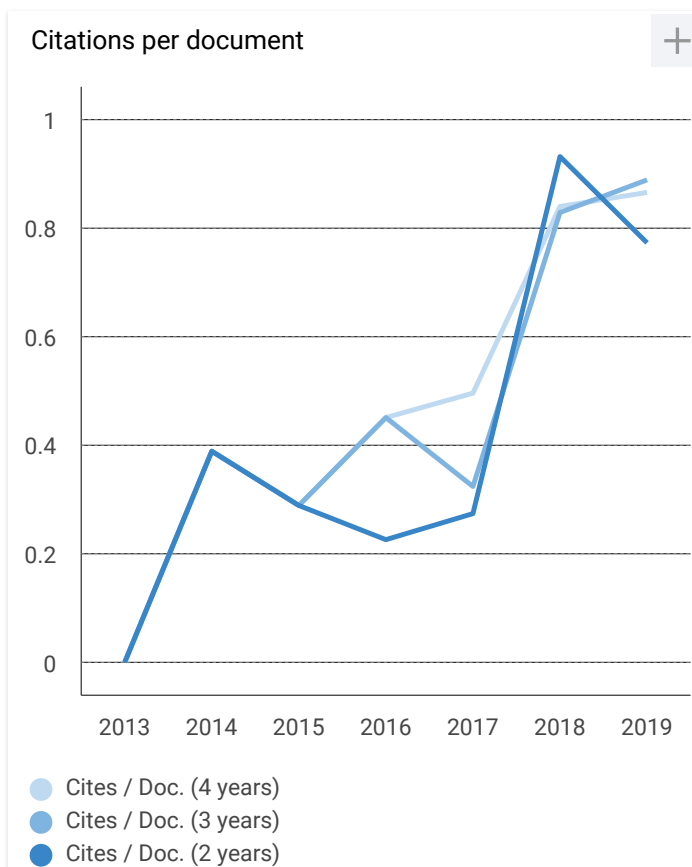
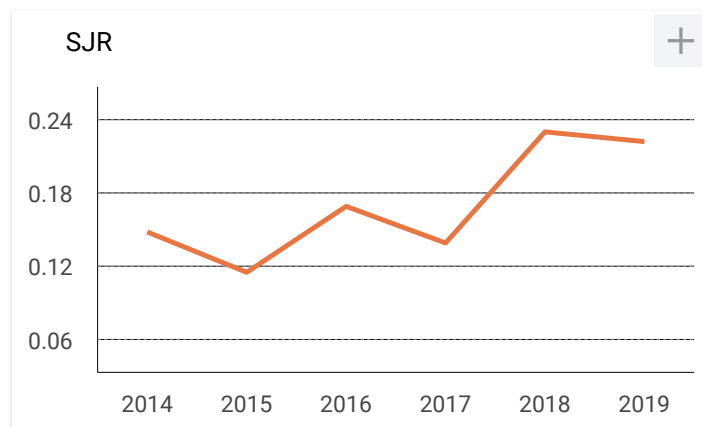
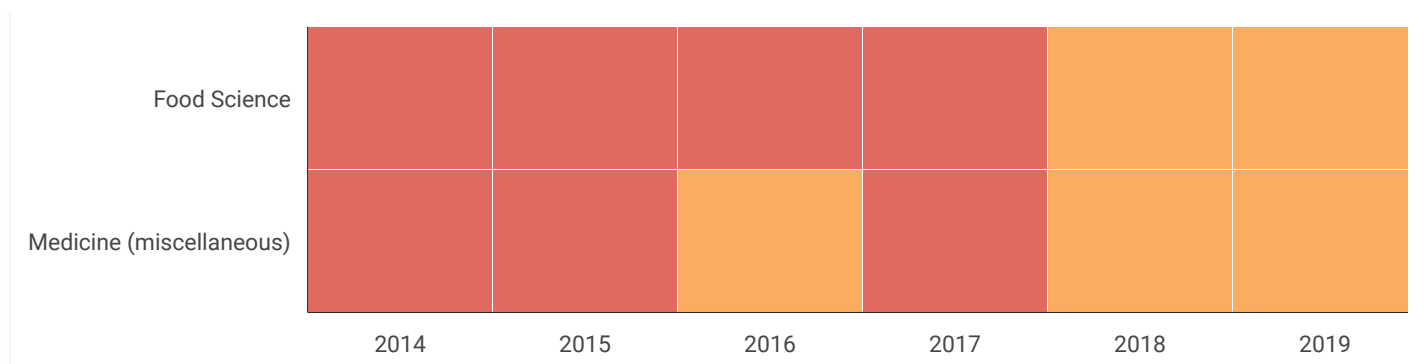
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Food Safety Education Using Book Covers and Videos to Improve Street Food Safety Knowledge, Attitude, and Practice of Elementary School Students

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Abstract:

The aim of this study was to assess food safety education using school book covers and videos to Public Elementary School PES students in Cimahi City, West Java, Indonesia to order to improve knowledge, attitude, and practice of street food safety. We used quasy experiment with pretest-posttest control group design. We selected the intervention group from four public elementary schools in South Cimahi City where food poisoning had occurred, and the control group from four public elementary schools in North Cimahi City by simple random sampling. Samples consisted of 224 students; 112 as control and 112 as intervention group. This study was conducted for six months, in which the food safety education regarding street food safety used different book covers for ten subject note books and videos. The book covers which consisted of materials on bacteriological and chemical food safety were explained once a week within 50–60 minutes duration. The videos regarding street food safety were given for 3 (three) times within 6 months. Before food safety education, there was no significant difference in knowledge, attitude, and practice ($p>0.05$) between the control and intervention groups. After six month food safety education, knowledge, attitude, and practice significantly improved ($p<0.05$) in intervention group compared to control group. Within intervention group, knowledge was improved from 5.4% (pre intervention) to 91.1% (post intervention), attitude from 69.6% (pre intervention) to 97.3% (post intervention), and practice from 21.4% (pre intervention) to 59.8% (post intervention). This study provides evidence that food safety education using book covers and videos to the elementary students for six months improved their knowledge, attitude, and practice of street food safety.

Keywords:

Attitude; Book covers; Health education; Knowledge; Practice; Street food safety; and Videos



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