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Medical Students' Perception Regarding Health Policy Teaching and Their Participation in Health Policy Roles: A Survey at a Public University in Malaysia

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Abstract

Background: Health policy is a set of comprehensive principles and legislations that guide how healthcare should be effectively delivered in the community. Medical schools should prepare students to undertake managerial responsibilities by incorporating health policy into the curriculum to deal with the intricacies of healthcare systems and their clinical roles in their future professional careers. **Objective:** To examine medical students' perception at a Public University in Malaysia regarding teaching health policy and their participation in health policy roles. **Material and Methods:** A cross-sectional study using universal sampling was carried out among the medical students using a paper-based questionnaire to collect the data. **Results:** Most respondents opined their willingness to learn health policy (80.9%) and that teaching health policy (83.6%) should be compulsory for medical students. The respondents thought health policy should be introduced earlier in Year 1 or 2. The student scores on their knowledge regarding health policy and year of study were significantly associated with their involvement in the health policy roles in both the simple and multiple logistic regression. Both statistical tests reported higher participation in health policy roles with the higher year of study, though only Year 4 and 5 were significant in the simple logistic regression and only Year 5 in the multiple logistic regression compared to Year 1. On the other hand, age and type of admission show significant results only in the simple logistic regression, while the race was only significant at the multivariate level. **Conclusions:** This study demonstrated that most respondents showed their willingness to learn health policy, participate in the health policy programs, and recommend that health policy be considered an essential topic in the medical curriculum, which should be taught right from the first year of medical school. We recommend encouraging students' participation in health policy activities. © 2022 by the authors. Licensee MDPI, Basel, Switzerland.

Author keywords

health; knowledge; Malaysia; medical students; perception; policy

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References (65)

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[View PDF](#)

- 1 *Effective Health System Governance for Universal Health Coverage UHC* (accessed on 16 March 2022)
https://www.who.int/health-topics/health-systems-governance#tab=tab_1

-
- 2 Moutselos, K., Maglogiannis, I.
Evidence-based Public Health Policy Models Development and Evaluation using Big Data Analytics and Web Technologies ([Open Access](#))
(2020) Medical archives (Sarajevo, Bosnia and Herzegovina), 74 (1), pp. 47-53. Cited 4 times.
doi: 10.5455/medarh.2020.74.47-53
[View at Publisher](#)

-
- 3 *(2016) Health Policy*. Cited 31 times.
(accessed on 16 March 2022)
<https://www.euro.who.int/en/health-topics/health-policy>
-

- 4 Bhattacharya, D., Bhatt, J.
Seven Foundational Principles of Population Health Policy
(2017) *Population Health Management*, 20 (5), pp. 383-388. Cited 4 times.
<http://www.liebertonline.com/loi/pop>
doi: 10.1089/pop.2016.0148
View at Publisher
-
- 5 Thapa, G., Jhalani, M., García-Saisó, S., Malata, A., Roder-DeWan, S., Leslie, H.H.
High quality health systems in the SDG era: Country-specific priorities for improving quality of care
(2019) *PLoS Medicine*, 16 (10), art. no. e1002946. Cited 9 times.
<https://journals.plos.org/plosmedicine/article/file?id=10.1371/journal.pmed.1002946&type=printable>
doi: 10.1371/journal.pmed.1002946
View at Publisher
-
- 6 Busse, R., Panteli, D., Quentin, W.
An introduction to healthcare quality: Defining and explaining its role in health systems
(2019) *Improving Healthcare Quality in Europe: Characteristics, Effectiveness, and Implementation of Different Strategies [Internet]*, p. 1. Cited 127 times.
Busse, R., Klazinga, N., Panteli, D., Quentin, W., Eds.; Health Policy Series 53; European Observatory on Health Systems and Policies: Copenhagen, Denmark, (accessed on 16 March 2022)
<https://www.ncbi.nlm.nih.gov/books/NBK549277/>
-
- 7 Durand, M.-A., Yen, R., Barr, P.J., Cochran, N., Aarts, J., Légaré, F., Reed, M., (...), Elwyn, G.
Assessing medical student knowledge and attitudes about shared decision making across the curriculum: Protocol for an international online survey and stakeholder analysis
(2017) *BMJ Open*, 7 (6), art. no. e015945. Cited 9 times.
<http://bmjopen.bmj.com/content/early/by/section>
doi: 10.1136/bmjopen-2017-015945
View at Publisher
-
- 8 Khatana, S.A.M., Patton, E.W., Sanghavi, D.M.
Public Policy and Physician Involvement: Removing Barriers, Enhancing Impact
(2017) *American Journal of Medicine*, 130 (1), pp. 8-10. Cited 8 times.
www.elsevier.com/locate/amjmed
doi: 10.1016/j.amjmed.2016.07.020
View at Publisher
-
- 9 Dugger, R.A., El-Sayed, A.M., Messina, C., Bronson, R., Galea, S.
The health policy attitudes of American medical students: A pilot survey
(2015) *PLoS ONE*, 10 (10), art. no. e0140656. Cited 4 times.
<http://www.plosone.org/article/abstract?uri=info:doi/10.1371/journal.pone.0140656&representation=PDF>
doi: 10.1371/journal.pone.0140656
View at Publisher

View PDF

-
- 10 Emil, S., Nagurney, J.M., Mok, E., Prislín, M.D.
Attitudes and knowledge regarding health care policy and systems: A survey of medical students in Ontario and California
(2014) *CMAJ Open*, 2, pp. E288-E294. Cited 11 times.
[CrossRef] [PubMed]
-
- 11 Geppert, C.M.A., Arndell, C.L., Clithero, A., Dow-Velarde, L.A., Eldredge, J.P., Kalishman, S., Kaufman, A., (...), Cosgrove, E.M.
Reuniting public health and medicine: The University of New Mexico School of Medicine public health certificate
(Open Access)
(2011) *American Journal of Preventive Medicine*, 41 (4 SUPPL. 3), pp. S214-S219. Cited 16 times.
doi: 10.1016/j.amepre.2011.06.001
View at Publisher
-
- 12 Buse, K., Hawkes, S.
Health in the sustainable development goals: Ready for a paradigm shift?
(2015) *Globalization and Health*, 11 (1), art. no. 13. Cited 220 times.
<http://www.globalizationandhealth.com/>
doi: 10.1186/s12992-015-0098-8
View at Publisher
-
- 13 Dang, A., Likhar, N., Alok, U.
Importance of Economic Evaluation in Health Care: An Indian Perspective
(2016) *Value in Health Regional Issues*, 9, pp. 78-83. Cited 34 times.
<http://www.journals.elsevier.com/value-in-health-regional-issues/>
doi: 10.1016/j.vhri.2015.11.005
View at Publisher
-
- 14 Saif-Ur-Rahman, K.M., Mamun, R., Nowrin, I., Hossain, S., Islam, K., Rumman, T., Kabir, E., (...), Anwar, I.
Primary healthcare policy and governance in low-income and middle-income countries: An evidence gap map
(2019) *BMJ Glob. Health*, 4, p. e001453. Cited 12 times.
(Suppl. 8), [CrossRef] [PubMed]
-
- 15 Madhav, N., Oppenheim, B., Gallivan, M., Mulembakani, P., Rubin, E., Wolfe, N.
Pandemics: Risks, Impacts, and Mitigation
(2017) *Disease Control Priorities: Improving Health and Reducing Poverty*. Cited 421 times.
3rd ed.; Jamison, D.T., Gelband, H., Horton, S., Jha, P., Laxminarayan, R., Mock, C.N., Nugent, R., Eds.; The International Bank for Reconstruction and Development/The World Bank: Washington, DC, USA, Chapter 17. (accessed on 16 March 2022). [CrossRef]
<https://www.ncbi.nlm.nih.gov/books/NBK525302/>
-

View PDF

- 16 Budd, J., Miller, B.S., Manning, E.M., Lampos, V., Zhuang, M., Edelstein, M., Rees, G., (...), McKendry, R.A.
Digital technologies in the public-health response to COVID-19
(2020) *Nature Medicine*, 26 (8), pp. 1183-1192. Cited 501 times.
<http://www.nature.com/nm/index.html>
doi: 10.1038/s41591-020-1011-4
View at Publisher
-
- 17 Pagatpatan, C.P., Ward, P.R.
Understanding the factors that make public participation effective in health policy and planning: A realist synthesis
(2017) *Australian Journal of Primary Health*, 23 (6), pp. 516-530. Cited 22 times.
<http://www.publish.csiro.au/nid/261.htm?nid=262&aid=11556>
doi: 10.1071/PY16129
View at Publisher
-
- 18 Paremoer, L., Nandi, S., Serag, H., Baum, F.
Covid-19 pandemic and the social determinants of health
(2021) *The BMJ*, 372, art. no. n129. Cited 323 times.
<http://www.bmj.com/>
doi: 10.1136/bmj.n129
View at Publisher
-
- 19 Pollard, C.A., Morran, M.P., Nestor-Kalinoski, A.L.
The covid-19 pandemic: A global health crisis (Open Access)
(2020) *Physiological Genomics*, 52 (11), pp. 549-557. Cited 200 times.
<https://journals.physiology.org/doi/pdf/10.1152/physiolgenomics.00089.2020>
doi: 10.1152/physiolgenomics.00089.2020
View at Publisher
-
- 20 Haque, M.
The COVID-19 pandemic-A global public health crisis: A brief overview regarding pharmacological interventions (Open Access)
(2020) *Pesquisa Brasileira em Odontopediatria e Clinica Integrada*, 20, art. no. e0146, pp. 1-15. Cited 8 times.
<http://revista.uepb.edu.br/index.php/pboci/index>
doi: 10.1590/pboci.2020.137
View at Publisher
-
- 21 Kaur, N., Singh, T.
Teaching healthcare management to medical students: An early experience (Open Access)
(2013) *National Medical Journal of India*, 26 (3), pp. 166-168. Cited 3 times.
<http://www.nmji.in/archives/Volume-26/Issue-3/Medical-Education-Teaching-healthcare-management.pdf>
-
- 22 Berkenbosch, L., Brouns, J.W.M., Heyligers, I., Busari, J.O.
How Dutch medical residents perceive their competency as manager in the revised postgraduate medical curriculum
(2011) *Postgraduate Medical Journal*, 87 (1032), pp. 680-687. Cited 23 times.
<http://pmj.bmj.com/content/87/1032/680.full.pdf>
doi: 10.1136/pgmj.2010.110254
View at Publisher

View PDF

- 23 Gogineni, V.
Exposure to Health Care Economics and Policy in Medical School Curricula as an Avenue to Improve Patient Advocacy (Open Access)

(2021) *Academic Medicine*, 96 (1), pp. 12-13.
<https://journals.lww.com/academicmedicine/pages/default.aspx>
doi: 10.1097/ACM.0000000000003783

[View at Publisher](#)

- 24 Bhatt, V., Arya, A.
Health Systems Education: A Call for National Medical Curriculum Reform (Open Access)

(2017) *Academic Medicine*, 92 (4), pp. 435-436.
<http://www.lww.com/product/?1040-2446>
doi: 10.1097/ACM.0000000000001607

[View at Publisher](#)

- 25 Fatoye, F.
Editorial: Understanding of health economics among healthcare professionals (Open Access)

(2013) *Journal of Clinical Nursing*, 22 (21-22), pp. 2979-2980. Cited 3 times.
doi: 10.1111/jocn.12454

[View at Publisher](#)

- 26 The Core Competencies Needed for Health Care Professionals
(2003) *Health Professions Education: A Bridge to Quality*. Cited 57 times.
Chapter 3 Institute of Medicine (US) Committee on the Health Professions Education Summit; Greiner, A.C.; Knebel, E., Eds.; National Academies Press: Washington, DC, USA, (accessed on 16 March 2022)
<https://www.ncbi.nlm.nih.gov/books/NBK221519/>

- 27 Naimoli, J.F., Saxena, S.
Realizing their potential to become learning organizations to foster health system resilience: Opportunities and challenges for health ministries in low-and middle-income countries

(2018) *Health Policy and Planning*, 33 (10), pp. 1083-1095. Cited 14 times.
<http://heapol.oxfordjournals.org/>
doi: 10.1093/heapol/czy100

[View at Publisher](#)

[View PDF](#)

- 28 Mou, D., Sarma, A., Sethi, R., Merryman, R.
The state of health policy education in U.S. medical schools (Open Access)

(2011) *New England Journal of Medicine*, 364 (10), pp. e19.1-e19.3. Cited 34 times.
<http://www.nejm.org/doi/pdf/10.1056/NEJMp1101603>
doi: 10.1056/nejmp1101603

[View at Publisher](#)

- 29 (2003) *Who Will Keep the Public Healthy? Educating Public Health Professionals for the 21st Century*
Institute of Medicine (US) Committee on Educating Public Health Professionals for the 21st Century; Gebbie, K.; Rosenstock, L.; Hernandez, L.M., Eds.; National Academies Press: Washington, DC, USA, (accessed on 16 March 2022)
<https://www.ncbi.nlm.nih.gov/books/NBK221190/>

- 30 The Behavioral and Social Sciences in Medical School Curricula (2004) *Improving Medical Education: Enhancing the Behavioral and Social Science Content of Medical School Curricula*. Cited 230 times. Institute of Medicine (US) Committee on Behavioral and Social Sciences in Medical School Curricula; Cuff, P.A.; Vanselow, N.A., Eds.; National Academies Press: Washington, DC, USA, (accessed on 16 March 2022) <https://www.ncbi.nlm.nih.gov/books/NBK10239/>
-
- 31 Koplan, J.P., Bond, T.C., Merson, M.H., Reddy, K.S., Rodriguez, M.H., Sewankambo, N.K., Wasserheit, J.N.
Towards a common definition of global health ([Open Access](#))
(2009) *The Lancet*, 373 (9679), pp. 1993-1995. Cited 907 times.
<http://www.journals.elsevier.com/the-lancet/>
doi: 10.1016/S0140-6736(09)60332-9
[View at Publisher](#)
-
- 32 Austad, K.E., Avorn, J., Kesselheim, A.S.
Medical Students' Exposure to and Attitudes About the Pharmaceutical Industry: A Systematic Review ([Open Access](#))
(2011) *PLoS Medicine*, 8 (5), art. no. e1001037. Cited 91 times.
<http://www.plosmedicine.org/article/fetchObjectAttachment.action?uri=info%3Adoi%2F10.1371%2Fjournal.pmed.1001037&representation=PDF>
doi: 10.1371/journal.pmed.1001037
[View at Publisher](#)
-
- 33 Peluso, M.J., Hafler, J.P.
Medical students as medical educators: Opportunities for skill development in the absence of formal training programs
(2011) *Yale Journal of Biology and Medicine*, 84 (3), pp. 205-209. Cited 38 times.
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3178849/pdf/yjbm_84_3_203.pdf
-
- 34 Nalunkuma, R., Nkalubo, J., Abila, D.B.
Knowledge on Infection Prevention and Control and associated factors among undergraduate health professional students at Makerere University College of Health Sciences, Uganda ([Open Access](#))
(2021) *PLoS ONE*, 16 (8 August), art. no. e0255984. Cited 4 times.
<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0255984&type=printable>
doi: 10.1371/journal.pone.0255984
[View at Publisher](#)
-
- 35 Ahmed, N., Shakoor, M., Vohra, F., Abduljabbar, T., Mariam, Q., Rehman, M.A.
Knowledge, awareness and practice of health care professionals amid sars-cov-2, corona virus disease outbreak
(2020) *Pakistan Journal of Medical Sciences*, 36 (COVID19-S4), pp. S49-S56. Cited 53 times.
<http://www.pjms.org.pk/index.php/pjms/article/view/2704/543>
doi: 10.12669/pjms.36.COVID19-S4.2704
[View at Publisher](#)

[View PDF](#)

- 36 Weiner, S.
(2021) *Medical Schools Overhaul Curricula to Fight Inequities*, pp. 20001-22399. Cited 7 times.
Association of American Medical Colleges: Washington, DC, USA, (accessed on 16 March 2022)
<https://www.aamc.org/news-insights/medical-schools-overhaul-curricula-fight-inequities>
-

- 37 Finkel, M.L.
Integrating the public health component into the medical school curriculum. ([Open Access](#))

(2012) *Public health reports (Washington, D.C. : 1974)*, 127 (2), pp. 145-146. Cited 8 times.
doi: 10.1177/003335491212700201

View at Publisher
-

- 38 Mohammed, R., Foridi, J.S., Ogunmwoyi, I.
Barriers to implementing a health policy curriculum in medical schools ([Open Access](#))

(2018) *Advances in Medical Education and Practice*, 9, pp. 5-6. Cited 3 times.
<https://www.dovepress.com/getfile.php?fileID=39830>
doi: 10.2147/AMEP.S156762

View at Publisher
-

- 39 Malik, B., Ojha, U., Khan, H., Begum, F., Khan, H., Malik, Q.
Medical student involvement in health policy roles ([Open Access](#))

(2017) *Advances in Medical Education and Practice*, 8, pp. 735-743. Cited 8 times.
<https://www.dovepress.com/getfile.php?fileID=39190>
doi: 10.2147/AMEP.S147212

View at Publisher
-

- 40 Walton, R., Greenberg, A., Ehlke, D., Solá, O.
Development of a Health Policy Elective for Medical Students during the COVID-19 Pandemic: A Pilot Study
(2020) *PRIMER*, 4, p. 29. Cited 3 times.
[CrossRef] [PubMed]

View PDF

- 41 McGrew, M.C., Wayne, S., Solan, B., Snyder, T., Ferguson, C., Kalishman, S.
Health policy and advocacy for new mexico medical students in the family medicine clerkship ([Open Access](#))

(2015) *Family Medicine*, 47 (10), pp. 799-802. Cited 12 times.
<http://www.stfm.org/Portals/49/Documents/FMPDF/FamilyMedicineVol47Issue10McGrew799.pdf>
-

- 42 Denizard-Thompson, N., Palakshappa, D., Vallevand, A., Kundu, D., Brooks, A., Digiacobbe, G., Griffith, D., (...), Miller, D.P.
Association of a health equity curriculum with medical students' knowledge of social determinants of health and confidence in working with underserved populations ([Open Access](#))

(2021) *JAMA Network Open*, 4 (3), art. no. e210297. Cited 18 times.
<https://jamanetwork.com/journals/jamanetworkopen>
doi: 10.1001/jamanetworkopen.2021.0297

View at Publisher
-

- 43 Patel, M.S., Lypson, M.L., Davis, M.M.
Medical student perceptions of education in health care systems

(2009) *Academic Medicine*, 84 (9), pp. 1301-1306. Cited 52 times.
<http://www.lww.com/product/21040-2446>
doi: 10.1097/ACM.0b013e3181b17e3e

[View at Publisher](#)

- 44 Agrawal, J.R., Huebner, J., Hedgecock, J., Sehgal, A.R., Jung, P., Simon, S.R.
Medical students' knowledge of the U.S. health care system and their preferences for curricular change: A national survey
([Open Access](#))

(2005) *Academic Medicine*, 80 (5), pp. 484-488. Cited 46 times.
<http://www.lww.com/product/21040-2446>
doi: 10.1097/00001888-200505000-00017

[View at Publisher](#)

- 45 Barry, M.M., Battel-Kirk, B., Dempsey, C.
The CompHP Core Competencies Framework for Health Promotion in Europe

(2012) *Health Education and Behavior*, 39 (6), pp. 648-662. Cited 48 times.
doi: 10.1177/1090198112465620

[View at Publisher](#)

- 46 Patel, M.S., Davis, M.M., Lypson, M.L.
Advancing medical education by teaching health policy
([Open Access](#))

(2011) *New England Journal of Medicine*, 364 (8), pp. 695-697. Cited 60 times.
<http://www.nejm.org/doi/pdf/10.1056/NEJMp1009202>
doi: 10.1056/NEJMp1009202

[View at Publisher](#)

- 47 Nur, A., Chaudry, A., Sodha, A.
Broadening health policy education in medical school
([Open Access](#))

[View PDF](#)

(2018) *Advances in Medical Education and Practice*, 9, pp. 107-108.
<https://www.dovepress.com/getfile.php?fileID=40489>
doi: 10.2147/AMEP.S157569

[View at Publisher](#)

- 48 Patel, M.S., Lypson, M.L., Miller, D.D., Davis, M.M.
A framework for evaluating student perceptions of health policy training in medical school ([Open Access](#))

(2014) *Academic Medicine*, 89 (10), pp. 1375-1379. Cited 14 times.
<http://www.lww.com/product/21040-2446>
doi: 10.1097/ACM.0000000000000408

[View at Publisher](#)

- 49 Reddy, S., Obremsky, A., Hochman, M., Schaff, P., Harlan, G., Saluja, S.
The impact of a new curriculum on medical students' interest in and knowledge of health systems science ([Open Access](#))

(2020) *Healthcare*, 8 (2), art. no. 100409. Cited 3 times.
<http://www.journals.elsevier.com/healthcare-the-journal-of-delivery-science-and-innovation>
doi: 10.1016/j.hjdsi.2020.100409

[View at Publisher](#)

- 50 Theophanous, C., Peters, P., O'Brien, P., Cousineau, M.R.
What do medical students think about health-care policy education?

(2018) *Education for Health: Change in Learning and Practice*, 31 (1), pp. 54-55.
<http://www.educationforhealth.net/>
doi: 10.4103/1357-6283.239049

[View at Publisher](#)

- 51 Frenk, J., Chen, L., Bhutta, Z.A., Cohen, J., Crisp, N., Evans, T., Fineberg, H., (...), Zurayk, H.
Health professionals for a new century: Transforming education to strengthen health systems in an interdependent world ([Open Access](#))

(2010) *The Lancet*, 376 (9756), pp. 1923-1958. Cited 3193 times.
<http://www.journals.elsevier.com/the-lancet/>
doi: 10.1016/S0140-6736(10)61854-5

[View at Publisher](#)

- 52 Oppong, R., Mistry, H., Frew, E.
Health economics education in undergraduate medical training: Introducing the health economics education (HEe) website ([Open Access](#))

(2013) *BMC Medical Education*, 13 (1), art. no. 126. Cited 9 times.
<http://www.biomedcentral.com/bmcmededuc/>
doi: 10.1186/1472-6920-13-126

[View at Publisher](#)

[View PDF](#)

- 53 Jain, V.
Time to take health economics seriously—medical education in the United Kingdom ([Open Access](#))

(2016) *Perspectives on Medical Education*, 5 (1), pp. 45-47. Cited 12 times.
<https://pmejournal.org/>
doi: 10.1007/s40037-015-0238-0

[View at Publisher](#)

- 54 Taber, K.S.
The Use of Cronbach's Alpha When Developing and Reporting Research Instruments in Science Education ([Open Access](#))

(2018) *Research in Science Education*, 48 (6), pp. 1273-1296. Cited 3387 times.
<http://www.kluweronline.com/issn/0157-244X>
doi: 10.1007/s11165-016-9602-2

[View at Publisher](#)

- 55 Da'ar, O.B., Al Shehri, A.M.
Towards integration of health economics into medical education and clinical practice in Saudi Arabia ([Open Access](#))

(2015) *Medical Teacher*, 37 (S1), pp. S56-S60. Cited 9 times.
<http://www.tandfonline.com/loi/jimte20#.VufR2bdf2DY>
doi: 10.3109/0142159X.2015.1006611

[View at Publisher](#)

- 56 Huntoon, K.M., McCluney, C.J., Scannell, C.A., Wiley, E.A., Bruno, R., Andrews, A., Gorman, P.
Healthcare reform and the next generation: United States medical student attitudes toward the patient protection and Affordable Care Act ([Open Access](#))

(2011) *PLoS ONE*, 6 (9), art. no. e23557. Cited 22 times.
<http://www.plosone.org/article/fetchObjectAttachment.action?uri=info%3Adoi%2F10.1371%2Fjournal.pone.0023557&representation=PDF>
doi: 10.1371/journal.pone.0023557

[View at Publisher](#)

- 57 Quraishi, S.A., Orkin, F.K., Weitekamp, M.R., Khalid, A.N., Sassani, J.W.
The health policy and legislative awareness initiative at the Pennsylvania State University College of Medicine: Theory meets practice ([Open Access](#))

(2005) *Academic Medicine*, 80 (5), pp. 443-447. Cited 12 times.
<http://www.lww.com/product/?1040-2446>
doi: 10.1097/00001888-200505000-00006

[View at Publisher](#)

- 58 Jacobsohn, V., DeArman, M., Moran, P., Cross, J., Dietz, D., Allen, R., Bachofer, S., (...), Kaufman, A.
Changing hospital policy from the wards: An introduction to health policy education ([Open Access](#))

(2008) *Academic Medicine*, 83 (4), pp. 352-356. Cited 12 times.
<http://www.lww.com/product/?1040-2446>
doi: 10.1097/ACM.0b013e3181667d6e

[View at Publisher](#)

[View PDF](#)

- 59 Gray, E., Lorgelly, P.K.
Health economics education in undergraduate medical degrees: An assessment of curricula content and student knowledge ([Open Access](#))

(2010) *Medical Teacher*, 32 (5), pp. 392-399. Cited 15 times.
doi: 10.3109/01421590903480113

[View at Publisher](#)

- 60 Gupta, R.
Why should medical students care about health policy?

(2006) *PLoS Medicine*, 3 (10), pp. 1696-1698. Cited 7 times.
http://medicine.plosjournals.org/archive/1549-1676/3/10/pdf/10.1371_journal.pmed.0030199-L.pdf
doi: 10.1371/journal.pmed.0030199

[View at Publisher](#)

- 61 Platt, M., Goodman, A.C.
Introduction to learning and teaching health economics
(2021) *Handbook on Teaching Health Economics*
Edward Elgar Publishing Ltd.: Cheltenham, UK
-
- 62 Sola, O., Kothari, P., Mason, H.R.C., Onumah, C.M., Sánchez, J.P.
The Crossroads of Health Policy and Academic Medicine: An
Early Introduction to Health Policy Skills to Facilitate Change
(Open Access)

(2019) *MedEdPORTAL : the journal of teaching and learning resources*, 15, p.
10827. Cited 5 times.
doi: 10.15766/mep_2374-8265.10827

View at Publisher
-
- 63 Beverly, E.A., Skinner, D., Bianco, J.A., Ice, G.H.
Osteopathic medical students' understanding of the patient
protection and affordable care act: A first step toward a policy-
informed curriculum (Open Access)

(2015) *Journal of the American Osteopathic Association*, 115 (3), pp. 157-
165. Cited 4 times.
<http://www.jaoa.osteopathic.org/content/115/3/157.full.pdf>
doi: 10.7556/jaoa.2015.029

View at Publisher
-
- 64 Lotfi, A.
(2020) *US Health Care System Challenges: What Every Premed Student
Should Know*
(accessed on 19 March 2022)
[https://www.usnews.com/education/blogs/medical-school-admissions-
doctor/articles/us-health-care-system-challenges-what-every-premed-
student-should-know](https://www.usnews.com/education/blogs/medical-school-admissions-doctor/articles/us-health-care-system-challenges-what-every-premed-student-should-know)
-
- 65 Cooke, M.
Cost consciousness in patient care -what is medical
education's responsibility? (Open Access)

(2010) *New England Journal of Medicine*, 362 (14), pp. 1253-1255. Cited 138
times.
<http://content.nejm.org/cgi/reprint/362/14/1253.pdf>
doi: 10.1056/NEJMp0911502

View at Publisher

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