

Drug Shops and Pharmacies

Methods for literature search, information sources, abstraction and synthesis

Search Strategy

To compile the list of documents meeting inclusion criteria, a literature search was conducted using bibliographic databases and hand searching of online websites for peer-reviewed articles and grey literature that highlight family planning and drug shops and pharmacies from 2008 to 2019.

Electronic Databases

The following electronic databases were searched for journal articles and grey literature:

- PubMed
- POPLINE
- Cochrane Database of Systematic Reviews (CDSR)
- African Journals Online
- Cumulative Index of Nursing and Allied Health (CINAHL)
- Science Direct
- Inter-Science (Wiley)
- Web of Science
- Africa (AIM)
- Latin America and the Caribbean (LILACS)
- Eastern Mediterranean (IMEMR)
- Western Pacific (WPRIM)
- Cochrane Central Register of Controlled Trials (CENTRAL)
- IUSSP

For additional grey literature, online searches of 17 websites containing relevant family planning program interventions/information were conducted.

Search Terms

Electronic database searching was conducted based on combinations of family planning and drug shop/pharmacy terms. Additional limits for publication date, language, and availability of abstract were also used. The table below shows the concept and search strings used. Variations of search strings were used depending on the resource.

Concept	Terms	String
Drug Shops	drug shops, pharmacies, drug shop, pharmacy, patient medicine vendor, patent and proprietary medicine vendor, over the counter medicine seller, licensed chemical seller, medicine seller, accredited drug dispensing outlet, patient medicine shop, patent and proprietary medicine shop, over the counter medicine shop, licensed chemical shop, medicine shop, accredited drug dispensing store, medicine store, accredited drug dispensing shop	"drug shops" OR pharmacies OR "drug shop" OR pharmacy OR "Patient medicine vendor" OR "Patent and proprietary medicine vendor" OR "Over the counter medicine seller" OR "Licensed chemical seller" OR "Medicine seller" OR "Accredited drug dispensing outlet" OR "Patient medicine shop" OR "Patent and proprietary medicine shop" OR "Over the counter medicine shop" OR "Licensed chemical shop" OR "Medicine shop" OR "Accredited drug dispensing store" OR "Medicine store" OR "Accredited drug dispensing shop"

Concept	Terms	String
Family Planning	family planning, contraceptive, contraceptives, contraception, condom, condoms, IUD, injectable, injectables, implant, implants, reproductive health	"family planning" OR contracept* OR condom OR condoms OR IUD OR injectable OR injectables OR implant OR implants OR "reproductive health"
Additional Limits	2008 to 2019, no commentary, abstract available for screening	

Bibliography

Below is a complete list of citations identified from the literature search process described above. A subset of these references were used to support the development of the Drug Shops and Pharmacies HIP Brief. The complete brief and reference listing is available from: <https://www.fphighimpactpractices.org/briefs/drug-shops-and-pharmacies/>

- Adebeyejo AT, Obidiya MO. Geo-spatial analysis of adolescents' access to and use of contraceptives in Osun state, Nigeria. *Afr Popul Stud.* 2016;30(2 Suppl):2848-2864. <https://doi.org/10.11564/30-2-897>
- Adeyinka DA, Oladimeji O, Adeyinka EF, Adekanbi IT, Falope Y, Aimakhu C. Contraceptive knowledge and practice: a survey of under graduates in Ibadan, Nigeria. *Int J Adolesc Med Health.* 2009;21(3):405-411. <http://doi.org/10.1515/ijamh.2009.21.3.405>
- Advancing Partners & Communities. *Provision of Injectable Contraceptives Within Drug Shops: A Promising Approach for Increasing Access and Method Choice.* JSI Research & Training Institute, Inc and FHI 360; 2014. Accessed July 23, 2020. https://pdf.usaid.gov/pdf_docs/PA00KP7J.pdf
- Ajuwon AJ, Oshiname FO, Imaledo J, Ajayi O, Dipeolu IO. Delivery and utilisation of injectable contraceptive services in rural Nigeria: learning from the perspectives of patent medicine vendors and women of reproductive age. *Afr J Biomed Res.* 2016;19(2):71-79. Accessed July 23, 2020. <https://www.ajol.info/index.php/ajbr/article/view/150262/141007>
- Akabuikie JC, Udigwe GO, Eke NO, Akabuikie MN. Perception and practice of emergency contraception by females of reproductive age group in a tertiary healthcare institution in South Eastern Nigeria. *Afrimed J.* 2010;1(2):15-21. Accessed July 23, 2020. <https://www.ajol.info/index.php/afrij/article/view/86201/76042>
- Akol A, Chin-Quee D, Wamala-Mucheri P, Namwebya JH, Mercer SJ, Stanback J. Getting closer to people: family planning provision by drug shops in Uganda. *Glob Health Sci Pract.* 2014;2(4):472-481. <http://doi.org/10.9745/GHSP-D-14-00085>
- Akol A, Wamala P, Namwebya JH, Chin-Quee D, Mercer S, Stanback J. *The Contribution of Drug Shops to Family Planning Uptake in Four Districts in Uganda.* USAID, PROGRESS, and FHI360; 2013. Accessed July 23, 2020. https://pdf.usaid.gov/pdf_docs/PA00JPV5.pdf

- Akour A, Bardaweel S, Awwad O, Al-Muhaissen S, Hussein R. Impact of a pharmacist-provided information booklet on knowledge and attitudes towards oral contraception among Jordanian women: an interventional study. *Eur J Contracept Reprod Health Care*. 2017;22(6):459-464. <http://doi.org/10.1080/13625187.2017.1412425>
- Aksu H, Başak O, Küçük M, Yeniçeri N, Kaya S. Emergency contraception: knowledge, attitudes and practice of the pharmacy staff in Aydın, Turkey. *Clin Exp Obstet Gynecol*. 2011;38(3):260-264. Accessed July 23, 2020. https://www.researchgate.net/publication/283072610_Emergency_contraception_knowledgeattitudes_and_practice_of_the_pharmacy_staff_in_Aydin_Turkey/link/5628bfafo8ae22b1702ed1c0/download
- Amin ME, Chewing B. Pharmacists' counseling on oral contraceptives: a theory informed analysis. *Res Social Adm Pharm*. 2016;12(5):669-681. <http://doi.org/10.1016/j.sapharm.2015.08.009>
- Amin ME. Pharmacists' knowledge and interest in developing counseling skills relating to oral contraceptives. *Int J Clin Pharm*. 2016;38(2):395-403. <http://doi.org/10.1007/s11096-016-0264-y>
- Ananga MK, Kugbey N, Akporlu JM, Oppong Asante K. Knowledge, acceptance and utilisation of the female condom among women of reproductive age in Ghana. *Contracept Reprod Med*. 2017;2:15. <http://doi.org/10.1186/s40834-017-0042-9>
- Apikoglu-Rabus S, Sancar M, Okuyan B, Izzettin FV. Turkish pharmacy technicians' counseling practices and attitudes regarding emergency contraceptive pills. *Afr J Pharm Pharmacol*. 2011;5(1):60-66. Accessed July 23, 2020. https://www.academicjournals.org/app/webroot/article/article1380808445_Rabus%20et%20al.pdf
- Asmelashe Gelayee D, Binega Mekonnen G, Asrade Atnafe S. Practice and barriers towards provision of health promotion services among community pharmacists in Gondar, Northwest Ethiopia. *Biomed Res Int*. 2017;2017:7873951. <http://doi.org/10.1155/2017/7873951>
- Bastos MR, Borges ALV, Hoga LAK, Fernandes MP, Contin MV. The use of emergency contraception among young university women. *Texto Contexto Enferm*. 2008;17(3):447-456. <https://doi.org/10.1590/S0104-07072008000300005>
- Belachew SA, Yimenu DK, Gebresillassie BM. Pharmacy professionals' dispensing practice, knowledge, and attitude towards emergency contraceptives in Gondar Town, Northwestern Ethiopia: a cross-sectional study. *Int J Reprod Med*. 2017;2017:8754126. <http://doi.org/10.1155/2017/8754126>
- Both R, Samuel F. Keeping silent about emergency contraceptives in Addis Ababa: a qualitative study among young people, service providers, and key stakeholders. *BMC Womens Health*. 2014;14:134. <http://doi.org/10.1186/s12905-014-0134-5>
- Chace Dwyer S, Ishaku SM, Okunade F, Reichenbach L, Jain A. Feasibility of patent and proprietary medicine vendor provision of injectable contraceptives: preliminary results from implementation science research in Oyo and Nasarawa, Nigeria. *Contraception*. 2018;98(5):460-462. <http://doi.org/10.1016/j.contraception.2018.08.015>
- Chandrasekhar D, Shaji A, Jose AM, Kareem, AA, Thomas L. Effectiveness of pharmacist intervention (SAHELI) on family planning, maternal care and child care among rural women. *J Young Pharm*. 2018;10(1):86-90. <http://doi.org/10.5530/jyp.2018.10.20>
- Chin-Quee D, Hinson L, L'Engle KL, Otterness C, Janowitz B. Bridge over troubled waters: considerations in transitioning emergency contraceptive users to hormonal methods. *Contraception*. 2012;85(4):363-368. <http://doi.org/10.1016/j.contraception.2011.07.014>

- Chin-Quee D, Ngadaya E, Kahwa A, et al. Women's ability to self-screen for contraindications to combined oral contraceptive pills in Tanzanian drug shops. *Int J Gynaecol Obstet.* 2013;123(1):37-41. <http://doi.org/10.1016/j.ijgo.2013.04.024>.
- Chin-Quee DS, Stanback J, Orr T. Family planning provision in pharmacies and drug shops: an urgent prescription. *Contraception.* 2018;98(5):379-382. <http://doi.org/10.1016/j.contraception.2018.08.013>.
- Chin-Quee DS, Wedderburn M, Otterness C, Janowitz B, Chen-Mok M. Bridging emergency contraceptive pill users to regular contraception: results from a randomized trial in Jamaica. *Contraception.* 2010;81(2):133-139. <http://doi.org/10.1016/j.contraception.2009.08.015>
- Chirdan OO, Zoakah Al. Health risk screening practices of pharmacy and chemist shops in selling oral contraceptives to women in Jos metropolis. *J Med Trop.* 2010; 12(1). <http://doi.org/10.4314/jmt.v12i1.69306>
- Corroon M, Kebede E, Spektor G, Speizer I. Key role of drug shops and pharmacies for family planning in urban Nigeria and Kenya. *Glob Health Sci Pract.* 2016;4(4):594-609. <http://doi.org/10.9745/GHSP-D-16-00197>.
- Cronin CJ, Guilkey DK, Speizer IS. The effects of health facility access and quality on family planning decisions in urban Senegal. *Health Econ.* 2018;27(3):576-591. <http://doi.org/10.1002/hec.3615>
- de Castro F, Barrientos-Gutierrez T, Braverman-Bronstein A, et al. Adolescent access to information on contraceptives: a mystery client study in Mexico. *J Adolesc Health.* 2018;62(3):265-272. <http://doi.org/10.1016/j.jadohealth.2017.08.001>
- de Castro F, Place JM, Allen-Leigh B, et al. Perceptions of adolescent 'simulated clients' on barriers to seeking contraceptive services in health centers and pharmacies in Mexico. *Sex Reprod Healthc.* 2018;16:118-123. <http://doi.org/10.1016/j.srhc.2018.03.003>
- Doci F, Foster A. “When you get in trouble, you’re in trouble, so it’s good to have pills.” Assessing the availability and accessibility of emergency contraception in pharmacies in Tirana, Albania. *Contraception.* 2017;96(4):296. <https://doi.org/10.1016/j.contraception.2017.07.127>
- Doci F, Thaci J, Foster AM. Emergency contraception in Albania: a multimethods qualitative study of awareness, knowledge, attitudes and practices. *Contraception.* 2018;S0010-7824(18)30134-3. <http://doi.org/10.1016/j.contraception.2018.03.033>
- Ehrle N, Sarker M. Emergency contraceptive pills: knowledge and attitudes of pharmacy personnel in Managua, Nicaragua. *Int Perspect Sex Reprod Health.* 2011;37(2):67-74. <http://doi.org/10.1363/3706711>
- Elkalmi RM, Khan MU, Ahmad A, et al. Knowledge, awareness, and perception of contraception among senior pharmacy students in Malaysia: a pilot study. *J Res Pharm Pract.* 2015;4(2):94-98. <http://doi.org/10.4103/2279-042X.155760>
- Family Health International 360. *DMPA Sales at Licensed Chemical Shops in Ghana: Increasing Access and Reported Use in Rural and Peri-Urban Communities.* FHI360; 2013. Accessed July 23, 2020. <https://www.fhi360.org/sites/default/files/media/documents/ghana-dmpa-chemical-shops.pdf>
- Farias MR, Leite SN, Tavares NU, et al. Use of and access to oral and injectable contraceptives in Brazil. *Rev Saude Publica.* 2016;50(Suppl 2):14s. <http://doi.org/10.1590/S1518-8787.2016050006176>

- Georgetown University. Institute for Reproductive Health (IRH). *AWARENESS Project. Benin Country Report, 2002-2007*. IRH; 2008.
- Georgetown University. Institute for Reproductive Health (IRH). *AWARENESS Project. Ecuador Country Report, 2001-2007*. IRH; 2008. Accessed July 23, 2020. http://irh.org/wp-content/uploads/2013/04/Ecuador_Country_Report_2001-2007.pdf
- Georgetown University. Institute for Reproductive Health (IRH). *Social Marketing Final Report: Three Country Overview*. IRH; 2008. Accessed July 23, 2020. https://pdf.usaid.gov/pdf_docs/PNADL891.pdf
- Georgetown University. Institute for Reproductive Health (IRH). *Democratic Republic of Congo, 2003-2007*. IRH; 2008.
- Grindlay K, Burns B, Grossman D. Prescription requirements and over-the-counter access to oral contraceptives: a global review. *Contraception*. 2013;88(1):91-96. <http://doi.org/10.1016/j.contraception.2012.11.021>
- Gure F, Dahir MK, Yusuf M, Foster AM. Emergency contraception in post-conflict Somalia: An assessment of awareness and perceptions of need. *Stud Fam Plann*. 2016;47(1):69-81. <http://doi.org/10.1111/j.1728-4465.2016.00047.x>
- Guttmacher Institute and Likhaan Center for Women's Health Inc. *Facts on Barriers to Contraceptive Use in the Philippines*. Guttmacher Institute; 2010. Accessed July 23, 2020. <https://www.guttmacher.org/sites/default/files/factsheet/fb-contraceptives-philippines.pdf>
- Hebert LE, Schwandt HM, Boulay M, Skinner J. Family planning providers' perspectives on family planning service delivery in Ibadan and Kaduna, Nigeria: a qualitative study. *J Fam Plann Reprod Health Care*. 2013;39(1):29-35. <http://doi.org/10.1136/jfprhc-2011-100244>
- Heller R, Johnstone A, Cameron ST. The feasibility of contraceptive injections at the community pharmacy. *Eur J Contracept Reprod Health Care*. 2017;22(5):327-333. <http://doi.org/10.1080/13625187.2017.1357808>
- Hernandez JH, Mbadu MF, Garcia M, Glover A. The provision of emergency contraception in Kinshasa's private sector pharmacies: experiences of mystery clients. *Contraception*. 2018;97(1):57-61. <http://doi.org/10.1016/j.contraception.2017.08.001>
- Hernandez JH, Muanda M, Garcia M, Matawa G. Awareness and perceptions of emergency contraceptive pills among women in Kinshasa, Democratic Republic of the Congo. *Int Perspect Sex Reprod Health*. 2017;43(3):121-130. <http://doi.org/10.1363/43e4417>
- Iliyas MC. A cross sectional study on awareness about emergency contraception among medical students in Kannur, Kerala, India. *Int J Community Med Public Health*. 2016;3(11):3216-3219. <http://dx.doi.org/10.18203/2394-6040.ijcmph20163939>
- International Consortium for Emergency Contraception (ICEC). *Counting What Counts: Tracking Access to Emergency Contraception. Kenya*. ICEC; 2013. Accessed July 24, 2020. <https://www.cecinfo.org/wp-content/uploads/2013/05/ICEC-Kenya-Fact-Sheet-2013.pdf>
- International Consortium for Emergency Contraception (ICEC). *Mainstreaming Emergency Contraception in Nigeria*. ICEC; 2018. Accessed July 24, 2020. <https://www.cecinfo.org/wp-content/uploads/2012/11/ICEC-Nigeria-021317.pdf>

- International Consortium for Emergency Contraception (ICEC). *Counting What Counts: Tracking Access to Emergency Contraception. Senegal*. ICEC; 2015. Accessed July 24, 2020. https://www.cecinfo.org/wp-content/uploads/2015/01/ICEC_Senegal-factsheet_2015.pdf
- Ishaku S, Afolabi K, Chace Dwyer S, Okunade F, Uzomba C, Adebayo A, et al. *Examining and Strengthening the Role of Patent and Proprietary Medicine Vendors in the Provision of Injectable Contraception in Nigeria*. Population Council, Evidence Project; 2018. Accessed July 24, 2020. http://evidenceproject.popcouncil.org/wp-content/uploads/2018/11/Examining-and-Strengthening-the-Roles-of-PPMVs-in-Nigeria_October-2018.pdf
- Kagashe GA, Maregesi SM, Mashaka A. Availability, awareness, attitude and knowledge of emergency contraceptives in Dar Es Salaam. *J Pharm Sci Res*. 2014;5(11):216-219. Accessed July 24, 2020. <http://www.jpsr.pharmainfo.in/Documents/Volumes/vol6issue01/jpsr06011404.pdf>
- Keesbury J, Morgan G, Owino B. Is repeat use of emergency contraception common among pharmacy clients? Evidence from Kenya. *Contraception*. 2011;83(4):346-351. <http://doi.org/10.1016/j.contraception.2010.08.010>
- Lebetkin E, Orr T, Dzasi K, et al. Injectable contraceptive sales at licensed chemical seller shops in Ghana: access and reported use in rural and periurban communities. *Int Perspect Sex Reprod Health*. 2014;40(1):21-27. <http://doi.org/10.1363/4002114>
- L'Engle KL, Hinson L, Chin-Quee D. "I love my ECPs": challenges to bridging emergency contraceptive users to more effective contraceptive methods in Ghana. *J Fam Plann Reprod Health Care*. 2011;37(3):146-151. <http://doi.org/10.1136/jfprhc-2011-0077>
- Liambila W, Obare F, Keesbury J. Can private pharmacy providers offer comprehensive reproductive health services to users of emergency contraceptives? Evidence from Nairobi, Kenya. *Patient Educ Couns*. 2010;81(3):368-373. <http://doi.org/10.1016/j.pec.2010.09.001>
- Maharaj P, Rogan M. Missing opportunities for preventing unwanted pregnancy: a qualitative study of emergency contraception. *J Fam Plann Reprod Health Care*. 2011;37(2):89-96. <http://doi.org/10.1136/jfprhc.2011.0055>
- Malkin MA, Stanback J. Community-based provision of family planning in the developing world: recent developments. *Curr Opin Obstet Gynecol*. 2015;27(6):482-486. <http://doi.org/10.1097/GCO.0000000000000214>
- Mayhew S, Osei I, Bajos N, Equipe E. Provider attitudes to emergency contraception in Ghana and Burkina Faso. *Population*. 2013;68(1):115-139. Accessed July 24, 2020. https://www.cairn-int.info/article-E_POPU_1301_0123--provider-attitudes-to-emergency-contrace.htm
- Mbow FB, Chace Dwyer S, Diop N. *Exploring the Potential for Private Pharmacies to Provide Family Planning Services in Senegal*. Population Council, Evidence Project; 2018. Accessed July 24, 2020. http://evidenceproject.popcouncil.org/wp-content/uploads/2018/07/1_Senegal-Pharma-Synthesis-Brief_2018_English.pdf
- Minh PD, Huong DT, Byrkit R, Murray M. Strengthening pharmacy practice in Vietnam: findings of a training intervention study. *Trop Med Int Health*. 2013;18(4):426-434. <http://doi.org/10.1111/tmi.12062>
- Mishra A, Saxena P. Over-the-counter sale of emergency contraception: a survey of pharmacists in Delhi. *Sex Med*. 2013;1(1):16-20. <http://doi.org/10.1002/sm2.2>

- Mohamed SS, Mahmoud AA, Ali AA. Involvement of Sudanese community pharmacists in public health activities. *Int J Clin Pharm*. 2013;35(3):393-400. <http://doi.org/10.1007/s11096-012-9745-9>
- Mbadu Muanda F, Gahungu NP, Wood F, Bertrand JT. Attitudes toward sexual and reproductive health among adolescents and young people in urban and rural DR Congo. *Reprod Health*. 2018;15(1):74. <http://doi.org/10.1186/s12978-018-0517-4>
- Mung'ong'o SG, Vugoyela V, Kimaro. Knowledge, attitude and practice on contraceptive use among secondary school students in Dar es Salaam, Tanzania. *East Central Afr J Pharm Sci*. 2010;13(2):43-49. Accessed July 24, 2020. <https://www.ajol.info/index.php/ecajps/article/view/107100/96992>
- Nagaraj M, Chakraborty A, Srinivas BN. A study on the dispensing pattern of over the counter drugs in retail pharmacies in Sarjapur area, East Bangalore. *J Clin Diagn Res*. 2015;9(6):FC11-FC13. <http://doi.org/10.7860/JCDR/2015/12940.6119>
- Obreli-Neto PR, Pereira LR, Guidoni CM, et al. Use of simulated patients to evaluate combined oral contraceptive dispensing practices of community pharmacists. *PLoS One*. 2013;8(12):e79875. <http://doi.org/10.1371/journal.pone.0079875>
- Okonkwo AD, Okonkwo UP. Patent medicine vendors, community pharmacists and STI management in Abuja, Nigeria. *Afr Health Sci*. 2010;10(3):253-265. Accessed July 24, 2020. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3035963/pdf/AFHS1003-0253.pdf>
- Olamijulo JA, Olorunfemi G. Knowledge and practice of contraception among pregnant women attending the antenatal clinic in Lagos University Teaching Hospital. *Niger J Med*. 2012;21(4):387-393. Accessed July 24, 2020. https://www.researchgate.net/publication/234103141_Knowledge_and_practice_of_contraception_among_pregnant_women_attending_the_antenatal_clinic_in_Lagos_University_Teaching_Hospital
- Olsen JM, Lago TDG, Kalckmann S, Alves MCGP, Escuder MML. Young women's contraceptive practices: a household survey in the city of São Paulo, Brazil. Práticas contraceptivas de mulheres jovens: inquérito domiciliar no Município de São Paulo, Brasil. *Cad Saude Publica*. 2018;34(2):e00019617. <http://doi.org/10.1590/0102-311X00019617>
- Onwujekwe OE, Enemuoh JC, Ogbonna C, et al. Are modern contraceptives acceptable to people and where do they source them from across Nigeria?. *BMC Int Health Hum Rights*. 2013;13:7. <http://doi.org/10.1186/1472-698X-13-7>
- Orr T, Mubiru F, Akol A, Stanback J. *Policy Advocacy Lessons Learned: Drug Shops' Provision of Injectable Contraception in Uganda*. John Snow Research and Training Institute, Advancing Partners and Communities; 2017. Accessed July 24, 2020. https://toolkits.knowledgesuccess.org/sites/default/files/policy_advocacy_lessons_learned.pdf
- Peterson J, Brunie A, Diop I, Diop S, Stanback J, Chin-Quee DS. Over the counter: The potential for easing pharmacy provision of family planning in urban Senegal. *Gates Open Res*. 2019;2:29. <http://doi.org/10.12688/gatesopenres.12825.3>
- Prata N, Bell S, Weidert K, Nieto-Andrade B, Carvalho A, Neves I. Varying family planning strategies across age categories: differences in factors associated with current modern contraceptive use among youth and adult women in Luanda, Angola. *Open Access J Contracept*. 2016;7:1-9. <http://doi.org/10.2147/OAJC.S93794>

- Riley C, Garfinkel D, Thanel K, et al. Getting to FP2020: Harnessing the private sector to increase modern contraceptive access and choice in Ethiopia, Nigeria, and DRC. *PLoS One*. 2018;13(2):e0192522. <http://doi.org/10.1371/journal.pone.0192522>
- Riley P, Callahan S, Dalious M. *Regulation of Drug Shops and Pharmacies Relevant to Family Planning: A Scan of 32 Developing Countries*. Abt Associates Inc, SHOPS Plus Project; 2017. Accessed July 24, 2020. https://pdf.usaid.gov/pdf_docs/PA00MX29.pdf
- Rogan M, Nanda P, Maharaj P. Promoting and prioritizing reproductive health commodities: understanding the emergency contraception value chain in South Africa. *Afr J Reprod Health*. 2010;14(1):9-20. Accessed July 24, 2020. <https://www.ajol.info/index.php/ajrh/article/download/55769/44234>
- Sacci I, Dolyan N, Mkrtychyan Z. *Availability and Affordability of Contraceptive Commodities in Pharmacies and Primary Healthcare Facilities in Armenia*. IntraHealth International, Inc.; 2008. Accessed July 24, 2020. https://pdf.usaid.gov/pdf_docs/PNADRO90.pdf
- Sattari M, Mokhtari Z, Jabari H, Mashayekhi SO. Knowledge, attitude and practice of pharmacists and health-care workers regarding oral contraceptives correct usage, side-effects and contraindications. *East Mediterr Health J*. 2013;19(6):547-554. Accessed July 24, 2020. http://applications.emro.who.int/emhj/v19/06/EMHJ_2013_19_6_547_554.pdf
- Saxena P, Mishra A, Nigam A. Evaluation of pharmacists' services for dispensing emergency contraceptive pills in Delhi, India: a mystery shopper study. *Indian J Community Med*. 2016;41(3):198-202. <http://doi.org/10.4103/0970-0218.183595>
- Schiavon R, Westley E. From pilot to mainstream: a decade of working in partnerships to expand access to emergency contraception in Mexico. *Glob Public Health*. 2008;3(2):149-164. <http://doi.org/10.1080/17441690801900837>
- Shelus V, Lebetkin E, Keyes E, Mensah S, Dzasi K. Lessons from a geospatial analysis of depot medroxyprogesterone acetate sales by licensed chemical sellers in Ghana. *Int J Gynaecol Obstet*. 2015;130(Suppl 3):E25-E30. <http://doi.org/10.1016/j.ijgo.2015.05.007>
- Stanback J, Lebetkin E, Orr T, Malarcher S; Family Planning Provision in Drug Shops Technical Consultation Participants. Sale and provision of injectable contraceptives in drug shops in developing countries: conclusions from a technical consultation. *Contraception*. 2015;91(2):93-96. <http://doi.org/10.1016/j.contraception.2014.11.007>
- Tangmunkongvorakul A, Banwell C, Carmichael G, et al. Use and perceptions of sexual and reproductive health services among northern Thai adolescents. *Southeast Asian J Trop Med Public Health*. 2012;43(2):479-500. Accessed July 24, 2020. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3732782/>
- Tavares MP, Foster AM. Emergency contraception in a public health emergency: exploring pharmacy availability in Brazil. *Contraception*. 2016;94(2):109-114. <http://doi.org/10.1016/j.contraception.2016.04.006>
- Tran TDH, Tuan DK, Anh ND, Le TKA, Bui TTH. Premarital sex, contraceptive use among unmarried women migrant workers in industrial parks in Vietnam, 2015. *Health Care Women Int*. 2018;39(4):377-388. <http://doi.org/10.1080/07399332.2017.1412439>

- Vo TQ, Tran PM, Tran HT. Birth control knowledge among pharmacy undergraduate students in Vietnam: a case study and situation analysis. *Asian J Pharm.* 2018;12(1):S65-S72. <https://dx.doi.org/10.22377/ajp.v12i01.2347>
- Vonk AC, Bonan C, da Silva KS. Sexualidade, reprodução e saúde: experiências de adolescentes que vivem em município do interior de pequeno porte [Sexuality, reproduction and health: experiences of adolescent students living in a small city of the interior]. *Cien Saude Colet.* 2013;18(6):1795-1807. Accessed July 24, 2020. <https://www.scielo.br/pdf/csc/v18n6/30.pdf>
- Wernow JR, Grant DG. Dispensing with conscience: a legal and ethical assessment. *Ann Pharmacother.* 2008;42(11):1669-1678. <http://doi.org/10.1345/aph.1L049>
- Worku H, Teklu S. Knowledge, attitudes and practices (KAP) regarding emergency contraception among drug dispensers working in retail outlets of Addis Ababa. *Ethiop Med J.* 2011;49(1):7-15.

The HIPs represent a diverse and results-oriented partnership encompassing a wide range of stakeholders and experts. As such, the information in HIP materials does not necessarily reflect the views of each co-sponsor or partner organization.