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"Assessing the Effectiveness of Homeopathic Remedies in Treating Respiratory Infections".

Dr. Upasana Rokade[1], Dr. Swati. R. Shinde[2]

[1]Post Graduate Scholar, [2]Head of the Department
[1,2]Department of Practice of Medicine, Bharati Vidyapeeth (Deemed to be University), Homoeopathic Medical College and Hospital, Pune- Satara Road, Maharashtra, India – 411043
[1]upasanarokade5@gmail.com, [2]swati.shinde@bharatividyapeeth.edu

Objective:

The study aims to evaluate the effectiveness of homeopathic treatments for respiratory infections, particularly upper respiratory tract infections (URTIs) like pharyngitis caused by Streptococcus pyogenes. It seeks to determine how well homeopathy can alleviate symptoms, reduce the duration of the illness, decrease the need for antibiotics, and improve overall patient outcomes.

Methods:

To evaluate the effectiveness of homeopathy in treating respiratory infections, the study incorporates observational studies, randomized controlled trials (RCTs), systematic reviews, and in vitro research. Relevant studies were identified through searches in databases like Google Scholar, PubMed, AYUSH, and various homeopathic journals. The research considered included evaluations of homeopathy alone or alongside conventional treatments for upper respiratory tract infections (URTIs) in both children and adults. Studies with small sample sizes, incomplete data, duplicates, or content that could not be retrieved were excluded to ensure reliability.

Results:

The findings suggest that Atropa Belladonna 12C and other homeopathic remedies exhibit antibacterial effects against Streptococcus pyogenes in laboratory settings. Clinical studies indicate that homeopathy may help reduce fever, lessen symptom severity, and decrease the need for antibiotics in cases of upper respiratory infections (URTIs). For instance, in a study focused on recurrent pharyngitis, 93.33% of patients treated with homeopathy reported improvement, compared to only 33.34% in the biochemic group. Additionally, the EPI3 Cohort Study revealed a reduction in antibiotic use, although it did not show significant differences in the progression of the disease, according to some systematic reviews. While homeopathy appears to hold promise, further research is necessary to confirm its long-term effectiveness.

Conclusion

Research suggests that homoeopathy could serve as a helpful complementary treatment for respiratory infections, potentially reducing the reliance on antibiotics and enhancing symptom relief. However,

further comprehensive studies are necessary to confirm its effectiveness and establish standardized treatment protocols. Integrating homeopathy into public health strategies may offer an additional approach to managing respiratory infections in both children and adults.

1. INTRODUCTION

Acute respiratory tract infections (ARTIs) are among the leading causes of morbidity and mortality globally. Infections in children are defined as upper respiratory tract infections (URTIs) and lower respiratory tract infections(1). Pharyngitis is one of the commonest clinical diseases. Cases in both pediatric and adult patients are primarily of viral origin, while bacterial pharyngotonsillitis due to group A beta-hemolytic streptococci has an incidence peak in children 5-15 years of age(2). 15-30% of cases of GAS pharyngitis have been associated with low socioeconomic groups and poverty(3). In the allopathic system of medicine, a number of antibiotics have been developed against the bacteria and used since long. But the bacteria seem to have evolved loss of drug action resistance over evolutionary time. Several homeopathic medicines have proved their anti-bacterial effect during clinical trials in the past few years(4).

Humans exhibit a wide range of streptococcal infections, from moderate upper respiratory tract infections to severe life-threatening illnesses such as septicemia, pneumonia, and streptococcal toxic shock syndrome. Untreated GAS pharyngitis may provoke autoimmune illnesses, including acute post-streptococcal glomerulonephritis, acute rheumatic fever, and rheumatic heart disorders, which are still some of the most serious public health concerns in low- and middle-income countries. This typical approach toward giving antibiotics has brought us to the current era of antibiotic resistance(3).

The emergence and spread of resistant bacteria has increased mortality. Antimicrobial resistance kills about 700,000 people each year, with an additional 10 million expected to die by 2050, according to research(3). Antibiotics and symptomatic treatment are the most common therapeutic options for these illnesses, but the rising burden of antimicrobial resistance has made their use contentious(5). This has led to an increased interest in alternative therapies, allowing homeopathy to evolve as a therapy for numerous illnesses. The homeopathic method of medicine can be an efficient alternative for reducing antibiotic use, treating acute infections, upper respiratory tract infections, skin infections, and septic diseases, and boosting immunity(3). The issue of antibiotic-resistant bacteria is well-known and has been extensively explored by many healthcare experts and public health officials.

Keywords - Homeopathy, Respiratory Infections, Streptococcus pyogenes, Upper Respiratory Tract Infections, Pharyngitis, Antibiotic Resistance, Complementary Medicine, Clinical Trials, In Vitro Studies, Public Health.

2. METHODS

This research involves in vitro studies, randomized controlled trials (RCTs), systematic reviews, and observational studies. The main goal of these studies is to find out how well homeopathic treatments work, especially for infections like Streptococcus pyogenes (in pharyngitis and other upper respiratory tract infections) and to compare them to standard treatments, with a focus on homeopathy's ability to

lower the need for antibiotics, ease symptoms, and improve patient outcomes. Adding homeopathic medicines, such as Influcid, to normal symptomatic therapies may aid in the recovery from URTIs in children, particularly in terms of symptom management and fever reduction.

3. DATABASES SEARCHED-

Google Scholar, PubMed, the AYUSH portal, CCRH, ScienceDirect, and the Homeopathic Journal were searched using terms involving in vitro studies, randomized controlled trials (RCTs), systematic reviews, and observational studies; upper respiratory tract infections; pharyngitis; group A beta-hemolytic streptococci; and pediatric respiratory diseases, along with homoeopathy.

4. INCLUSION

Studies Include - Children and adults with upper respiratory tract infections, Treated with homeopathic medication as an individualized, or add-on, comparator, outcome measures reduce symptoms, shorten disease duration, resolve fever, and prevent unpleasant Secondary objectives may include reduced antibiotic usage or hospitalization rates and treatment duration ranging from a few days to two weeks, with follow-up assessments in primary care clinics, hospitals, or outpatient settings.

5. EXCLUSION

The study's focus and relevance are ensured by the use of certain exclusion criteria. Excluded are studies with few participants, papers with missing information, duplicate articles, and articles that are not retrievable. These criteria were carefully used to create a selection of articles that were both extremely relevant and up to strict quality requirements. This selection method, which included observational studies, systematic reviews, randomized controlled trials (RCTs), and in vitro research, sought to offer significant insights into the efficacy of homeopathic treatment. The study's results are more dependable and reliable when they are approached properly.

6. DISCUSSION

Dr. S. Sowkanth and Dr. Suvalakshmi conducted a study in 2022 to investigate the antibacterial properties of the homeopathic remedy Atropa Belladonna against Streptococcus pyogenes, the bacteria responsible for throat infections. The researchers used lab-cultured bacterial samples, identified them through Gram staining, and tested various homeopathic dilutions to assess their effectiveness in inhibiting bacterial growth. The effects of Atropa Belladonna were compared to those of penicillin, amoxicillin, and a control substance (rectified spirit). The findings indicated that Atropa Belladonna 12C produced a 5 mm inhibitory zone, suggesting it has antibacterial properties. This suggests that, under controlled laboratory conditions, this homeopathic dilution could influence bacterial growth.(4).

A 2021 study looked into whether six common homeopathic remedies could slow the growth of Streptococcus pyogenes, the bacterium responsible for throat infections. The researchers assessed the effectiveness of these remedies at different potencies, with a focus on 30CH. Among the remedies, Belladonna showed the strongest effect, followed by Mercurius Solubilis, Ferrum Phosphoricum,

Lycopodium Clavatum, and Lachesis. The findings suggest that homeopathic treatments might possess antibacterial properties and could be beneficial in treating or managing infections caused by Streptococcus pyogenes. (3).

Dr. Rushali S. Gugaratti, Dr. Anita Lobo, and Dr. Beena Antony's 2020 study "Evaluating the Anti-Bacterial Effects of Echinacea Angustifolia Mouth Wash Against Pathogens Causing Pharyngitis," published in the International Journal of Pure Medical Research, included 15 pharyngitis patients. The participants used a mouthwash containing Echinacea angustifolia, a plant recognized for its antibacterial characteristics, twice daily for four days. The study sought to assess both antimicrobial properties and pain relief. The primary outcome, antibacterial activity, was measured using throat swabs before and during the intervention. While the mouthwash did not significantly reduce bacterial growth, it did reduce discomfort, with the average pain score dropping from 6.23 to 0.93. Pain decrease was assessed using the verbal analog pain scale(6).

Petter Viksveen explores antibiotic resistance and the potential role of homeopathy as an alternative in a 2003 essay. He highlights the excessive use of antibiotics, especially in children suffering from respiratory issues with frequent infections. The essay suggests that homeopathy could help reduce antibiotic usage, particularly in organic farming and pediatric care, which may help curb the spread of antibiotic-resistant germs caused by the overuse of these medications in both healthcare and agriculture.(7).

A study conducted in 2005 examined the effectiveness of homeopathy compared to antibiotics in treating recurrent acute rhinopharyngitis in 499 children aged between 18 months and 4 years. The researchers looked at various factors, including effectiveness, complications, quality of life, and costs. The results indicated that homeopathy outperformed antibiotics, leading to fewer episodes of illness (2.71 compared to 3.97), fewer complications (1.25 versus 1.95), and an improved quality of life (21.38 against 30.43). It would be great if you could share your insights on this topic. (8).

In a 2016 trial, 261 children under the age of 12 suffering from upper respiratory infections (URTIs) and fever were given the homeopathic medication Influcid. Over the course of seven days, researchers compared the outcomes of a homeopathic group (IFC-Group) with those of a conventional treatment group (ST-Group). The findings indicated that children in the homeopathic group experienced faster healing, with a greater percentage being fever-free by day 3. Additionally, homeopathy reduced the severity of the illness, and the medication was generally well tolerated, with only one mild adverse effect reported (vomiting). This suggests that homeopathy may aid in quicker recovery for children with URTIs.
(9).

The 2024 study "Efficacy of Homoeopathic Similimum in Comparison with Biochemic Medicines in the Management of Recurrent Pharyngitis: A Randomized Control Trial" by Dr. Prajakta Rahul Mane examined how well 30 patients responded to treatment for recurrent pharyngitis using homeopathic similimums and biochemical medications. The control group was treated with drugs based on biochemical minerals, whereas the homeopathic group got remedies customized to each patient's

symptoms. Results indicated that 93.33% of the homeopathic group achieved improvement or cure, compared to just 33.34% in the biochemic group, suggesting that homeopathic medicines were more successful for treating recurrent pharyngitis, even if precise clinical metrics were not supplied(10).

Dr. Tummala Aarathi Reddy's 2023 article explores the use of homeopathy in treating pharyngitis by choosing remedies tailored to individual symptoms and patient characteristics. In contrast to conventional treatments that primarily alleviate symptoms, homeopathy seeks to tackle the underlying cause, which may help lessen the chances of recurrence. The article notes that pharyngitis can result from viral infections such as Epstein-Barr and influenza, as well as bacterial infections like Group A streptococci.(11)

In 2020, David King and his team conducted a study to evaluate how effective homeopathy is in treating and preventing acute respiratory infections (ARTIs) in children. They analyzed data from 1,562 children across various randomized studies, comparing conventional medicine and placebos with both customized and non-customized homeopathic treatments. The results showed that homeopathy did not have a significant impact on the recurrence or short- and long-term outcomes of ARTIs. While no adverse effects were reported, the overall findings suggested that homeopathy was not particularly effective for treating ARTIs in children, even though some biased studies indicated otherwise.(12).

In 2018, Paolo Bellavite and his team examined 40 clinical studies focused on homeopathy for ENT (ear, nose, and throat) and upper respiratory conditions. They compared standard homeopathic remedies, personalized homeopathy tailored to individual patients, and conventional treatments. While some studies raised doubts about the effectiveness of homeopathy, others indicated that it could enhance symptoms and improve quality of life. The findings were mixed overall, with homeopathy sometimes offering better symptom relief than traditional medications, yet still lacking consistent evidence of its effectiveness.(13).

"Effectiveness of Homeopathic Medicine Associated with Allopathic Medicine in the Outpatient Management of Influenza-like Illnesses or Ear, Nose, and Throat Disorders by Pharmacists" was a 2025 study by Karine Danno and colleagues that examined the effects of allopathic-only treatment (AT) and combined homeopathic-allopathic treatment (HAT) in patients aged 12 and older. After three days of therapy, the study assessed the influence on sleep and everyday activities, as well as the severity of the symptoms and the overall symptom score. Both groups had comparable reductions in symptom intensity, severity, and everyday function, despite the fact that the HAT group was younger and had more severe symptoms at first. The study came to the conclusion that there was no improvement in clinical outcomes when homeopathic medication was added to allopathic care (14).

he 2011 study "Management of Upper Respiratory Tract Infections by Different Medical Practices, Including Homeopathy, and Consumption of Antibiotics in Primary Care: The EPI3 Cohort Study in France 2007-2008" examined how 518 patients were treated for URTIs in three groups: homeopathic general practitioners (GP-Ho), GPs using both conventional and homeopathic treatments (GP-Mx), and conventional general practitioners (GP-CM). The study found that while homeopathy decreased

medication use, it did not significantly improve symptom progression or prevent infections when compared to conventional treatments(15).

The 2020 study "Evaluation of Acute Pharyngitis and Its Homoeopathic Management in Pediatric Age Group Using Tonsillar-Pharyngitis Assessment Scale (TPA)" by Dr. Ashima Alex examined the efficacy of homeopathic medication for acute pharyngitis in 27 children over a two-week period. According to the Tonsillar-Pharyngitis Assessment (TPA) scale, belladonna was the most often utilized treatment, and the children's health significantly improved. A highly significant result ($p = 0.000$) from statistical analysis supported homeopathy as a successful treatment for children's acute pharyngitis(16).

"Homoeopathy - An Alternative to Antibiotics for Throat Infection" by Dr. Rupali Dixit Bhalerao, published in 2011, explores the potential of homeopathy as a therapy for pediatric throat infections. The effectiveness of homeopathic remedies and antibiotics in treating throat infections is compared in this article based on clinical observations and a review of the literature. For treating identical illnesses in children, the author discovers that homeopathy is a practical and effective substitute for antibiotics, offering a less harmful and safer choice(17).

Arnica Montana has been used to treat severe postoperative sore throat and associated symptoms like hoarseness, aphonia, and dysphagia after laryngeal mask insertion, according to the 2017 article "Treatment of Postoperative Sore Throat With the Aid of the Homeopathic Remedy . Three doses of Arnica Montana 200CH were administered to patients in two cases during a 36-hour period. The main outcome measure was the decrease of symptoms, and the results showed that the therapy was effective, with most symptoms being gone after 48 hours. Although there was no comparison with alternative treatments, the findings suggest that Arnica Montana might be a useful treatment for sore throats following surgery(18).

Homeopathic and conventional therapies for acute respiratory and ear complaints were examined in the 2007 research "Homeopathic and Conventional Treatment for Acute Respiratory and Ear Complaints: A Comparative Study on Outcome in the Primary Care Setting" with 1,577 individuals. After 14 days, 86.9% of patients receiving homeopathic treatment and 86.0% of patients receiving conventional medication reported a substantial improvement, indicating that both therapies were generally equally successful. However, compared to conventional therapies, homeopathic therapy produced fewer side effects, especially in adults, and offered speedier recovery, especially in the first seven days. According to the study's findings, homeopathy provided faster relief with fewer adverse effects than conventional medicine when it came to treating acute symptoms(19).

"Research Trial to Evaluate the Efficacy of Homeopathic Medicines in Acute Pharyngitis" was an observational study conducted in 2024 to assess the effectiveness of personalized homeopathic treatments for individuals suffering from acute pharyngitis. The study compared the effects of homeopathic therapy to standard care, focusing on patient-reported outcomes, overall treatment satisfaction, and symptom severity decrease. Initial results showed that patients getting homeopathic treatment saw a significant improvement in their quality of life and a decrease in the severity of their symptoms(20).

Alison Fixsen's 2017 essay "Homeopathy in the Age of Antimicrobial Resistance: Is It a Viable Treatment for Upper Respiratory Tract Infections?" examines clinical research on homeopathic remedies for acute upper respiratory tract infections (URTIs), analyzing nine randomized controlled trials and eight observational studies. According to the analysis, homeopathy was more efficient in lowering antibiotic use and alleviating symptoms faster, with fewer side effects, than conventional therapies. For basic URTIs, homeopathy looked to be equally beneficial as standard treatment. However, the article emphasizes the need for further research, particularly on avoiding recurrent URTIs, non-individualized therapies for children, and better study techniques(21).

7. Conclusion

According to this research, there may be advantages to using some homeopathic treatments to treat respiratory disorders in children. Reduced symptom intensity, enhanced treatment satisfaction, and a decrease in the usage of traditional drugs are among the favorable results seen in certain research. We can draw the conclusion that homoeopathy may be used as a supplemental strategy in public health campaigns to treat pediatric respiratory conditions.

The role of homoeopathy is still debatable as interest in complementary medicine rises; further study and candid communication between practitioners of various medical systems are essential to examining its possible advantages, resolving its drawbacks, and refining integrative strategies to enhance pediatric respiratory care

REFERENCES

1. King D, Hawke K, McGuire TM, van Driel M. Homeopathic Preparations for Preventing and Treating Acute Upper Respiratory Tract Infections in Children: A Systematic Review and Meta-Analysis. Acad Pediatr. 2021 Mar 1;21(2):211–20.
2. Needham CA, Mcpherson KA, Webb KH. Streptococcal pharyngitis: Impact of a high-sensitivity antigen test on physician outcome. J Clin Microbiol. 1998;36(12):3468–73.
3. antibacterial activity of homeopathic medicine on... - Google Scholar [Internet]. [cited 2025 Feb 19]. Available from: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=antibacterial+activity+of+homeopathic+medicine+on+streptococcus+pyogen+an+invitro+study&btnG=
4. Sowkanth S, Crri S. EVALUATING THE EFFECTS OF HOMOEOPATHIC DILUTION ATROPA BELLADONNA ON STREPTOCOCCUS PYOGENES: AN IN-VITRO STUDY. [cited 2025 Feb 19]; Available from: http://ymerdigital.com
5. Bhalla K, Bhardwaj P, Gupta A, Mehra S, Nehra D, Nanda S. Role of epidemiological risk factors in improving the clinical diagnosis of streptococcal sore throat in pediatric clinical practice. J Family Med Prim Care [Internet]. 2019 [cited 2025 Feb 19];8(10):3130. Available from: https://journals.lww.com/jfmpc/fulltext/2019/08100/role_of_epidemiological_risk_factors_in_improving.10.aspx
6. Gugaratti R, Lobo A, of BAIJ, 2024 undefined. EVALUATING THE ANTI-BACTERIAL EFFECTS OF ECHINACEA ANGUSTIFOLIA MOUTH WASH AGAINST PATHOGENS CAUSING PHARYNGITIS. search.ebscohost.comRS Gugaratti, A Lobo, B AntonyInternational

Journal of Pure Medical Research, 2024•search.ebscohost.com [Internet]. [cited 2025 Feb 19]; Available from: https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=26180766&AN=178848956&h=f9UyiIFDcrUEKYk%2FkqMhAhS%2BnpiEM1stCnuEZxgTZtMA89lHq7I%2FpEiNMrCRoWJqtFQfEV%2FUxkF958TKuyc47g%3D%3D&crl=c

7. Viksveen P. Antibiotics and the development of resistant microorganisms. Can homeopathy be an alternative? Homeopathy. 2003;92(2):99–107.
8. Trichard M, Chaufferin G, Nicoloyannis N. Pharmacoeconomic comparison between homeopathic and antibiotic treatment strategies in recurrent acute rhinopharyngitis in children. Homeopathy. 2005;94(1):3–9.
9. Haselen R van, Thinesse-Mallwitz M, Maidannyk V, Buskin SL, Weber S, Keller T, et al. The Effectiveness and Safety of a Homeopathic Medicinal Product in Pediatric Upper Respiratory Tract Infections With Fever. http://dx.doi.org/101177/2333794X16654851 [Internet]. 2016 Jul 4 [cited 2025 Feb 19];3:2333794X1665485. Available from: https://journals.sagepub.com/doi/full/10.1177/2333794X16654851
10. Rahul P. Efficacy of homoeopathic similimum in comparision with biochemic medicines in the management of recurrent pharyngitis: A randomized control trial. homoeopathicjournal.comPR Manehomoeopathicjournal.com [Internet]. 2024 [cited 2025 Feb 19];8(1):239–43. Available from: https://www.homoeopathicjournal.com/articles/1074/8-1-28-646.pdf
11. Aarathi Reddy T. Management of Pharyngitis with Homoeopathic Approach. International Journal of Research and Review (ijrrjournal.com) 971. 2023;10(8).
12. King D, Hawke K, McGuire TM, van Driel M. Homeopathic Preparations for Preventing and Treating Acute Upper Respiratory Tract Infections in Children: A Systematic Review and Meta-Analysis. Acad Pediatr. 2021 Mar 1;21(2):211–20.
13. Bellavite P, Marzotto M, Integr BAJAC, 2019 undefined. Homeopathic treatments of upper respiratory and otorhinolaryngologic infections: A review of randomized and observational studies. paolobellavite.itP Bellavite, M Marzotto, B AndreoliJ Altern Complement Integr Med, 2019•paolobellavite.it [Internet]. 2019 [cited 2025 Feb 19]; Available from: http://www.paolobellavite.it/files/315_2019-ReviewURTI_seyw4pnp.pdf
14. Danno K, Cognet-Dementhon B, Thevenard G, Duru G, Allaert FA, Bordet MF. Effectiveness of homeopathic medicine associated with allopathic medicine in the outpatient management of influenza-like illnesses or ear, nose, and throat disorders by pharmacists. Journal of Managed Care Pharmacy. 2013;19(8):631–41.
15. Grimaldi-Bensouda L, Bé Gaud B, Rossignol M, Avouac B, Lert F, Rouillon F, et al. Management of upper respiratory tract infections by different medical practices, including homeopathy, and consumption of antibiotics in primary care: the EPI3 cohort. journals.plos.orgL Grimaldi-Bensouda, B Bégaud, M Rossignol, B Avouac, F Lert, F Rouillon, J BénichouPlos one, 2014•journals.plos.org [Internet]. 2014 Mar 19 [cited 2025 Feb 19];9(3). Available from: https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0089990
16. Alex A. Evaluation of Acute Pharyngitis and its Homoeopathic Management in Paediatric Age Group Using Tonsillo-Pharyngitis Assessment Scale (TPA). 2020 [cited 2025 Feb 19]; Available from: https://search.proquest.com/openview/5066bcb1e8b2965bc4bbda9b7a2d516c/1?pq-origsite=gscholar&cbl=2026366&diss=y

17. (PDF) Homoeopathy- an alternative to antibiotics for Throat Infection' [Internet]. [cited 2025 Feb 19]. Available from: https://www.researchgate.net/publication/230674718_Homoeopathy-_an_alternative_to_antibiotics_for_Throat_Infection%27
18. Tsintzas D, Evidence-Based GVJ of, 2017 undefined. Treatment of Postoperative Sore Throat With the Aid of the Homeopathic Remedy Arnica montana: A Report of Two Cases. journals.sagepub.comD Tsintzas, G VithoulkasJournal of Evidence-Based Complementary & Alternative Medicine, 2017•journals.sagepub.com [Internet]. 2017 Oct 1 [cited 2025 Feb 19];22(4):926–8. Available from: https://journals.sagepub.com/doi/abs/10.1177/2156587217735986
19. Haidvogl M, Riley DS, Heger M, Brien S, Jong M, Fischer M, et al. Homeopathic and conventional treatment for acute respiratory and ear complaints: a comparative study on outcome in the primary care setting. SpringerM Haidvogl, DS Riley, M Heger, S Brien, M Jong, M Fischer, GT Lewith, G JansenBMC Complementary and Alternative Medicine, 2007•Springer [Internet]. 2007 Mar 2 [cited 2025 Feb 19];7. Available from: https://link.springer.com/article/10.1186/1472-6882-7-7
20. Sharma V, Krishna Srivastava A, Shekhar Yadav C, Professor A, Pradesh U. RESEARCH TRIAL TO EVALUATE THE EFFICACY OF HOMEOPATHIC MEDICINES IN ACUTE PHARYNGITIS-AN OBSERVATIONAL STUDY. Certified Journal │ Sharma et al World Journal of Pharmaceutical Research 913 World Journal of Pharmaceutical Research SJIF Impact Factor 8 [Internet]. 2024 [cited 2025 Feb 19];13:913–32. Available from: https://wjpr.s3.ap-south-1.amazonaws.com/article_issue/503c22db637328de56202a2caddfbeed.pdf
21. Homeopathy AF, 2018 undefined. Homeopathy in the age of antimicrobial resistance: is it a viable treatment for upper respiratory tract infections? thieme-connect.comA FixsenHomeopathy, 2018•thieme-connect.com [Internet]. 2018 May 1 [cited 2025 Feb 19];107(2):99–114. Available from: https://www.thieme-connect.com/products/ejournals/html/10.1055/s-0037-1621745