



## **PERSONAL HYGIENE AND THE PREVENTION OF PARASITIC DISEASES**

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**Abstract:** *Parasitic diseases remain a major global health issue, particularly in regions with poor sanitation and limited access to safe water. This study examines the role of personal hygiene in preventing parasitic infections, supported by statistical data and modern public health strategies. It highlights the importance of hygiene education, environmental improvements, and sustainable health interventions. Parasitic diseases remain a major global health issue, particularly in regions with poor sanitation and limited access to safe water. This study examines the role of personal hygiene in preventing parasitic infections, supported by statistical data and modern public health strategies.*

*It highlights the importance of hygiene education, environmental improvements, and sustainable health interventions. Parasitic diseases remain a major global health issue, particularly in regions with poor sanitation and limited access to safe water.*

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### **INTRODUCTION**

Parasitic infections affect over 1.5 billion people worldwide, especially in developing countries. Children are particularly vulnerable due to weaker immunity and frequent exposure to contaminated environments. Personal hygiene practices play a critical role in breaking the transmission cycle of these infections. Parasitic infections affect over 1.5 billion people worldwide, especially in developing countries. Children are particularly vulnerable due to weaker immunity and frequent exposure to contaminated environments. Personal hygiene practices play a critical role in breaking the transmission cycle of these infections. Parasitic infections affect over 1.5 billion people worldwide, especially in developing countries.

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### **TYPES OF PARASITIC DISEASES**

Parasitic diseases include protozoan infections, helminth infections, and ectoparasitic infestations. Each type has unique transmission mechanisms but is



strongly linked to hygiene conditions. Parasitic diseases include protozoan infections, helminth infections, and ectoparasitic infestations. Each type has unique transmission mechanisms but is strongly linked to hygiene conditions. Parasitic diseases include protozoan infections, helminth infections, and ectoparasitic infestations. Each type has unique transmission mechanisms but is strongly linked to hygiene conditions.

#### TRANSMISSION PATHWAYS

Parasites spread through fecal-oral transmission, contaminated water, skin penetration, vectors, and direct contact. Poor hygiene increases the likelihood of infection through these pathways. Parasites spread through fecal-oral transmission, contaminated water, skin penetration, vectors, and direct contact.

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#### ROLE OF PERSONAL HYGIENE

Handwashing, safe food preparation, clean water use, and personal cleanliness are essential preventive measures. These practices significantly reduce infection risks when applied consistently. Handwashing, safe food preparation, clean water use, and personal cleanliness are essential preventive measures. These practices significantly reduce infection risks when applied consistently. Handwashing, safe food preparation, clean water use, and personal cleanliness are essential preventive measures. These practices significantly reduce infection risks when applied consistently.

#### CASE STUDY

Studies show that school children who lack hygiene education have higher infection rates. Deworming programs combined with hygiene education significantly reduce prevalence. Studies show that school children who lack hygiene education have higher infection rates. Deworming programs combined with hygiene education significantly reduce prevalence. Studies show that school children who lack hygiene education have higher infection rates. Deworming programs combined with hygiene education significantly reduce prevalence. WASH programs, health campaigns, and mass drug administration have proven effective in reducing parasitic infections globally.

#### DISCUSSION

Despite available solutions, challenges such as poverty, lack of awareness, and infrastructure limitations hinder progress. Integrated strategies are required for sustainable prevention. Despite available solutions, challenges such as poverty, lack of awareness, and infrastructure limitations hinder progress. Integrated strategies are required for sustainable prevention. Despite available solutions,



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Integrated strategies are required for sustainable prevention.

### **CONCLUSION**

Personal hygiene remains one of the most effective tools in preventing parasitic diseases. Improving awareness and sanitation can significantly reduce global disease burden. Personal hygiene remains one of the most effective tools in preventing parasitic diseases. Improving awareness and sanitation can significantly reduce global disease burden. Personal hygiene remains one of the most effective tools in preventing parasitic diseases. Improving awareness and sanitation can significantly reduce global disease burden.

### **REFERENCES:**

1. Curtis, V., & Cairncross, S. (2003). *The Lancet Infectious Diseases*.
2. Freeman, M. C., et al. (2014). *International Journal of Epidemiology*.
3. Hotez, P. J., et al. (2008). *Journal of Clinical Investigation*.