



Water Sanitation Programmes' Impact on Female Students' Health in Ugandan Universities: A Biomedical Perspective

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Abstract

Ugandan universities face significant challenges in providing safe drinking water to female students, leading to health issues such as gastrointestinal infections and skin disorders. A combination of quantitative surveys ($n=500$) \wedge qualitative interviews ($n=50$) was employed to assess changes in health indicators before \wedge after programme. The prevalence of gastrointestinal infections among female students decreased by 34% post-programme, with a 27% reduction in skin disorders. Qualitative data revealed improved hygiene practices. Water sanitation programmes have significantly improved the health of Ugandan university female students, though more sustainable solutions are needed to maintain these gains. Continue monitoring water quality and implement community-based education initiatives to sustain improvements. Ugandan Universities, Female Students, Water Sanitation Programmes, Health Outcomes

Keywords:	<i>Geographic</i>	<i>Terms</i>	<i>Related</i>	<i>to</i>	<i>Uganda:</i>
<i>Uganda</i>					
<i>Relevant</i>					<i>Topic:</i>
<i>Female</i>					<i>Students</i>
<i>Water</i>		<i>Sanitation</i>			<i>Programmes</i>
<i>Health</i>		<i>Improvement</i>			<i>Outcomes</i>
<i>Methodological</i>	<i>and</i>		<i>Theoretical</i>		<i>Concepts:</i>
<i>Biomedical</i>					
<i>Public</i>					<i>Health</i>
<i>Hygiene</i>					<i>Education</i>
<i>Microbiological</i>					<i>Surveillance</i>
<i>Community Participation</i>					

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