

INFLUENCE OF SOCIAL MEDIA USAGE ON KNOWLEDGE OF SEXUAL VIOLENCE AMONG COLLEGE MEDICAL STUDENTS IN KENYA.

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Abstract Background: Sexual violence is a violation of human rights and a serious public health problem. It has a profound impact on physical, social and mental health, both immediately and many years after the assault. Sexual violence in Kenya, as elsewhere in the world, is a complex issue that has as its root the structural inequalities between men and women that result in the persistence of power differentials between the sexes. Across the globe, social media sites are increasingly becoming a key point of reference in people's lives. Worldwide, there are about 2.8 billion internet users out of which about a third are in developing countries Ngwa, Kudi, Shu, Mbarika and Mbarika (2008) argue This research project explores the relationship between sexual violence and social media with a focus on youth. The research seeks to investigate influence of social media reporting on knowledge of sexual violence amongst the Medical students at MTC kakamega. The significance was set on the need to research the sexual violence among the medical students. The research was advised of the several research gaps on controversial sexual violence studies that were not base on the social media. Descriptive survey was employed with a target population of 300 students who were at the medical college during the survey. Convenience sampling done with the data collected by use of questionnaires submitted electronically through social media and a pilot study done on KMTC webuye. Data was analysed using SPSS v.25 and data presented using graphs and tables. The data was reliable at alpha .824 and without outliers. More female 54.87% than male was evidenced from the responses. Majority 21.7% of 20 years of age and more social media users 98.6%. more acknowledge that social media as a source of information and 79% agree to have read sexual violence stories of victims on social media. Sources and forms of sexual violence were positively identified by many. Complete and/or attempted penetration of a victim was identified by many 72.5% as a sexual violence. But after all this revelation and positive identification of sexual violence forms very few people report to the police. Testing of the hypothesis was done and the first null hypothesis second null hypothesis was rejected ($X^2=19.609$, $p>0.001$). recommendations are made to the government to enhance policy formation for the governance of sexual violence and protecting the youths and increasing capitation for curbing sexual violence. Future studies are recommended on lecturers and students not only in the medical students but also in other departments of the college and expand to other universities not only KMTC Kakamega.

Keywords: *Sexual violence, Kenya Medical Training college, Social Media, knowledge,*

1. Introduction

Sexual violence is a violation of human rights and a serious public health problem. It has a profound impact on physical, social and mental health, both immediately and many years after the assault. Sexual violence in Kenya, as elsewhere in the world, is a complex issue that has as its root the structural inequalities between men and women that

result in the persistence of power differentials between the sexes.

The digital revolution, spurred by the internet and mobile phones has led to a global revolution in communications, access to information and media delivery, tremendous increase in the use of Information and Communication Technologies (ICTs), the internet and social media (Hughes, 2007). Devreese (2010) describes social media as media transformed by digitally interactive tools of ICT and based

on online social networking platforms as well as open source tools. These tools are 'social' in that they are created in ways that enable users to create and share content and information.

Across the globe, social media sites are increasingly becoming a key point of reference in people's lives. Worldwide, there are about 2.8 billion internet users out of which about a third are in developing countries. Ngwa, Kudi, Shu, Mbarika and Mbarika (2008) argue that the growth of the internet and social media has brought about some unintended consequences such as cybercrimes, sexual harassment and cyber stalking. Equally, Maxwell (2001) contends that there is an increase in violence against women as a result of social media growth but observes that the true prevalence is currently unknown.

This research project explores the relationship between sexual violence and social media with a focus on youth. It begins with a review of existing literature surrounding sexual violence and social media. Within these sections, we highlight four key themes: challenges in creating awareness of sexual violence on social media; the lack of data and program evaluations in this area; the relationship between online and offline contexts as they relate to sexual violence; and the need for a framework for prevention and reporting sexual violence. The final sections of this report summarize current sexual violence prevention efforts related to social media in Kenya. The objective of this project is to offer an overview of the connections between sexual violence and social media among youth and to make recommendations to build a prevention framework for program development and evaluation in Kenya.

This report defines sexual violence as rape, attempted rape, sexual threat, sexual exploitation, any form of unwanted sexual touching, unwanted sexual remarks and other forms of sexual harassment (adapted from Johnson & Mackay, pg. 10). In the context of sexual violence and social media, it is particularly important to think about sexual violence on a continuum that involves emotional, psychological, and verbal violence as well as physical violence.

Sexual violence is increasingly being recognized as a significant public health concern as well as a profound violation of basic human rights. As defined by the Centers for Disease Control and Prevention (Centers for Disease Control and Prevention, 2012), sexual violence (SV) is "any sexual act that is perpetrated against someone's was." Sexual violence includes a nonconsensual completed sex act (i.e., rape), attempted nonconsensual sex act, unwelcome nonpenetrative abusive sexual contact, as well as non-contact sexual abuse, like sexual harassment, threatened sexual violence, or exhibitionism (Basile, Espelage, Rivers, McMahon & Simon, 2009; Centers for Disease Control and Prevention, 2012).

Broadly, sexual violence involves sexual activity when a victim does not consent, is unable to consent (i.e., due to age, illness, unconsciousness), or unable to say no (i.e., due

to threat or physical violence) (Basile & Saltzman, 2002). Sexual harassment is defined as physical or verbal sexual violence in the form of unwanted sexual advances, verbal or physical sexual contact, or unwelcome requests for sexual favors (AAUW, 2001).

The term "sexual violence" is presented throughout this text to represent behaviors that could also fall under the umbrella terms of "sexual abuse", "sexual assault", and other sexual violations, like sexual harassment or voyeurism (Basile & Saltzman, 2002).

A recent nationally representative survey found that an average of 207,754 Americans (age 12 years or older) are victims of sexual violence each year (Centers for Disease Control and Prevention, 2012). In fact, according to the National Violence Against Women Survey (NVAWS), 1 in 6 women and 1 in 33 men have experienced an attempted or completed rape, defined as forced vaginal, oral, or anal penetration, in their lifetime (Tjaden & Thoennes, 2000). However, the majority of the national research efforts have focused specifically on partner violence in married or cohabitating partner relationships. Even still, in the longitudinal National Youth Survey, the prevalence of physical violence decreased from a high of 55% when respondents were aged 18 to 24 years to a low of 32% when they were aged 27 to 33 years (Halpern, Oslak, Young, Martin, & Kupper, 2001).

Although Social Media (SM) can fuel jealousy between romantic partners, by providing a convenient and socially acceptable means of monitoring one another's online behavior, little has been written about the possible role of SM in Dating Violence (DV). With social media users being the young population there has been a paucity of literature about sexual assault on young people. However, only recently have scholars turned their attention to sexual violence experiences among middle and high school samples.

2. Methodology

Descriptive survey design was used in this study. Mugenda and Mugenda (2003) describes descriptive research as that of which the process of data collection answers the questions with reference to the present conditions of object under investigation. This study targeted 300 medical students at the MTC college of Kakamega. The respondents are between 18 to 29 years and currently there were in medical school at the time of the study. The sampling frame consisted of the medical students at the college of Kakamega. A sample is a finite part of statistical population whose properties are studied to gain information about the whole (Webster, 1985).

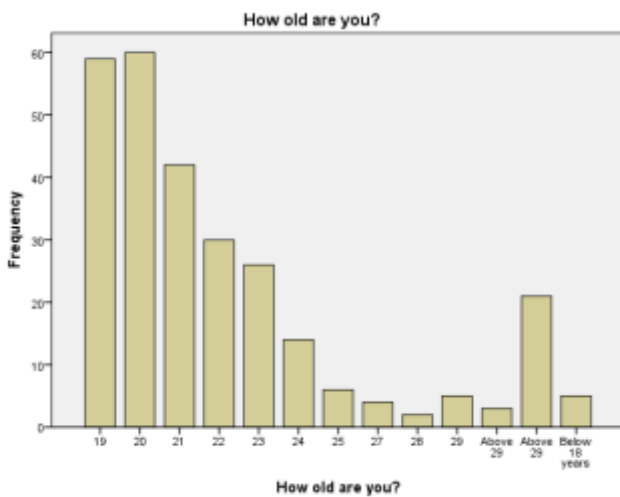
The study used questionnaires on the data collection. The questionnaires are considered suitable due to their versatility and can serve a large group of respondents. Ethically, questionnaires can maintain anonymity and questions can be standardized for easy of data collection and

analysis (Fink, 2012). The questionnaires had closed questions only and were delivered through a social media link with google docs being used to collect the information. This was convenient to maintain anonymity and enhance confidentiality and ensure high response rate.

With sensitivity of the matter anonymity was achieved through the use of google docs link to circulate and get response from the the link given. A pilot study was carried out at Kenya medical training college in Webuye Kenya.

3. Results

Two hundred and seventy seven (277) students responded to the questionnaire giving a return rate of 92.3% against the expected 300 respondents. 45.13% of the respondents were the Female gender while 54.87% of the respondents were of the male gender. Majority of the respondents (21.7%) were 20 years old and 19 years old (21.3%). Very few of the respondents were 28 years old (0.7%). Figure 1. shows the age distribution of the respondents.

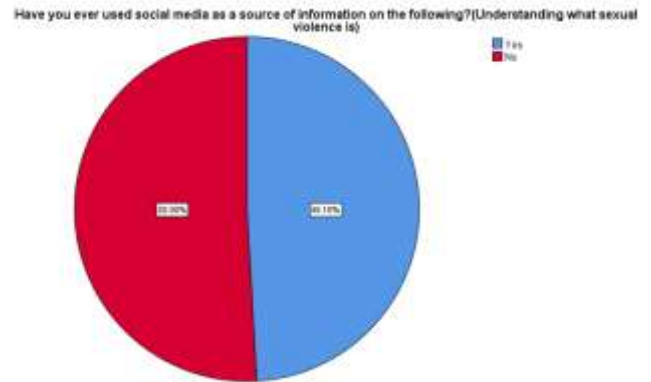


since the data collection tool was delivered through the social media groups. 98.6% responded that they used social media while 1.4% declined to the use of social media Table 1 demonstrates this data.

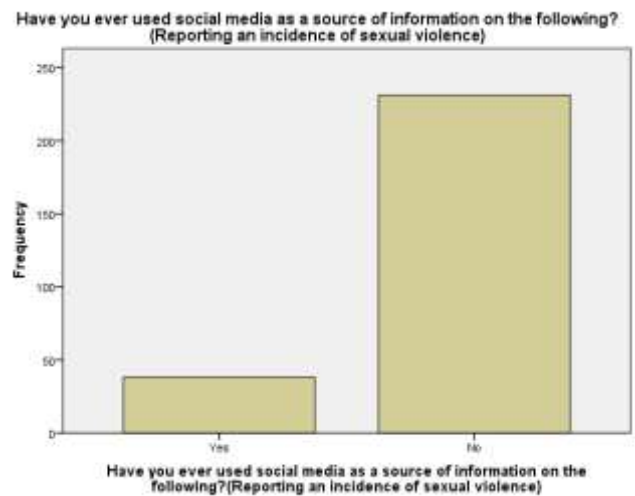
Do you use social media?			
		Frequency	Percent
Valid	Yes	273	98.6
	No	4	1.4
Total		277	100.0

When asked whether they used social media to understand what sexual violence is Majority of the respondents 50.9% agreed while 49.1% disagreed.

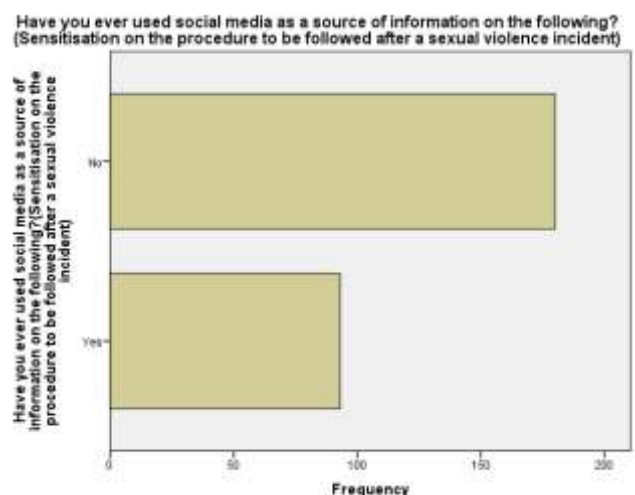
To achieve the objective the respondents were asked whether they used the media as a source of information on an array of questions. One of the questions they were asked is whether they used social media to understand what sexual violence is. Majority of the respondents 50.9% agreed while 49.1% disagreed



when asked whether the respondents have used social media as a source of information for reporting an incidence of violence 83.4% of the respondents said Yes, they have while 17.6% said No they haven't.

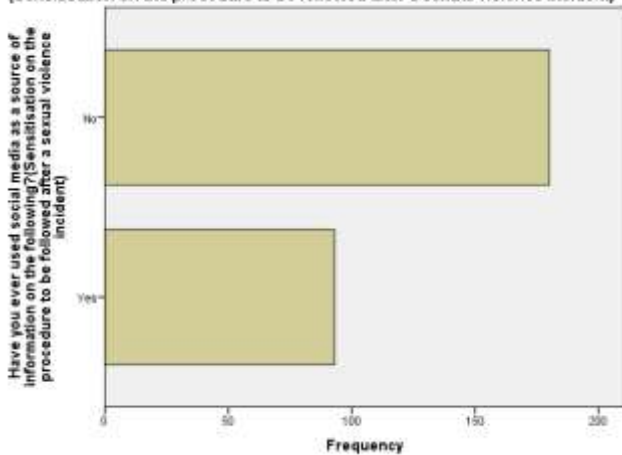


The respondents were asked is whether they have used the social media as a source of information on sensitization on the procedure to be followed after a sexual violence incident, 35% of the respondents said Yes while 65% said No.



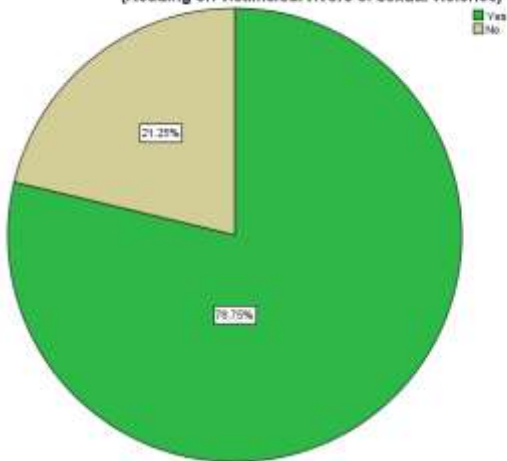
When the respondents were asked whether they have used the social media as a source of information on sensitization on the procedure to be followed after a sexual violence incident, 35% of the respondents said Yes while 65% said No.

Have you ever used social media as a source of information on the following?
(Sensitisation on the procedure to be followed after a sexual violence incident)



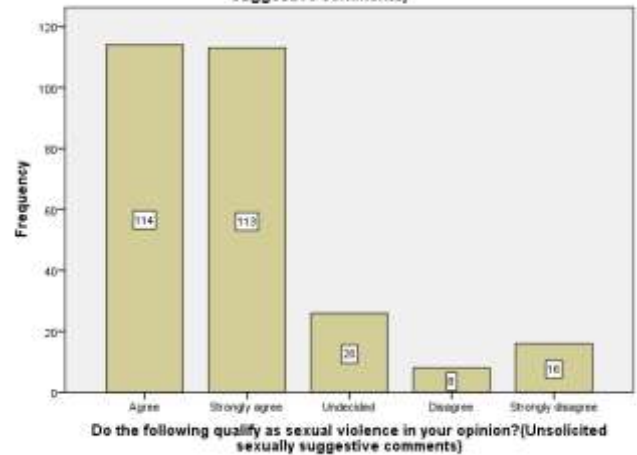
whether the respondents have ever used social media as a source of information on reading on victims/survivors of sexual violence 79% of the respondents said Yes while 21% of the respondents said No.

Have you ever used social media as a source of information on the following?
(Reading on victims/survivors of sexual violence)



When the respondents were asked whether they used social media as a source of information on understanding what sexual violence is, 50.6% of the respondents said No while 49.6% said yes while the Majority of the respondents 37.9% Agreed, 32.1 strongly Agreed, 15.5% Undecided while 10.8% and 3.6% Disagreed and Strongly Disagreed respectively that pornographic material qualified to be sexual violence. When they were asked whether unsolicited sexually suggestive comments qualified to be sexual violence, 41.2% of the respondents agreed, 40.8% disagreed while 9.4% were undecided. The minority 2.9% Disagreed that unsolicited sexually suggestive comments qualified to be a form of sexual violence.

Do the following qualify as sexual violence in your opinion?(Unsolicited sexually suggestive comments)



when asked whether the respondents thought that unwanted physical contact (without consent) qualified to be a form of sexual violence. Majority of the respondents 67.9% Strongly Agree while the minority 1.4% Disagreed.

Do the following qualify as sexual violence in your opinion? (Unwanted physical contact (ie without legally acceptable consent))

		Frequency	Percent	Valid Percent
Valid	Agree	56	20.2	20.2
	Strongly agree	188	67.9	67.9
	Undecided	12	4.3	4.3
	Disagree	4	1.4	1.4
	Strongly disagree	17	6.2	5.8
Total		277	100.0	100.0

5. Discussion

Majority of the respondents were of the female gender which constituted 54.87% with the rest being male. On age the majority were between 20 years (21.7%) and 19 years (21.3%). Consequently 28 years old and 29 years old were the least of the total population. This depicts the clear involvement of youths in studies at the medical school of the college of MTC Kakamega. With the majority of the respondents being of a younger age, the research experienced a very high response rate of 98.6% of the total target population of 300. This translated to 277 respondents in the study.

With the majority being the young it was important to understand the use of social media among the youths in this society. Almost all of the confirmed that they used social media and this is evident by the fact that they received the data collection tool via social media. This answers the first Research question on what are the demographic characteristics of medical students at KMTC kakamega this coincides with Laura et. Al (2015) Social media are highly popular among adolescents, with adolescents checking news feeds and post updates daily

To understand the influence of social media reporting on sexual violence amongst medical students at KMTC Kakamega. An array of questions were asked to achieve this. One of the questions raised was whether the respondents used social media to understand what sexual violence meant, Majority of the respondents 50.9% agreed

while 49.1% disagreed. But to understand further they were asked whether they used social media as a source of information for reporting an incidence of violence 83.4% of the respondents said Yes, they have while 17.6% said No. the use of social media in seeking information is increasing daily. When asked whether they had used social media as a source of information on reporting any incidence of violence majority (83.4%) of the respondents declined with the rest accepting. This clearly shows that although majority of the respondents were using social media, they were not utilising social media to make progress on issues of sexual violence. The third question they were asked is whether they have used the social media as a source of information on sensitization on the procedure to be followed after a sexual violence incident the responses given were 35% of the respondents said Yes while 65% said No. this shows that despite the youths checking and updating status on social media they do not take the time to check on issues of sexual violence (Laura et. al (2015)). The use of social media as tool for reading on victims/survivors of sexual violence received a greater response when the majority (79%) said yes while the rest 21 % responded No contrary the respondents contradicted themselves when they were asked whether used social media as a source of information on understanding what sexual violence is. 50.6% of the respondents said No while 49.6 % said yes. This clearly shows that although they claim to read the information on victims of sexual violence, they do not use it as a source of information seeking tool. The researcher wanted to understand whether the respondents understood the forms of sexual violence on social media respondent's opinion on whether pornographic material qualified to be sexual violence. Majority of the respondents 37.9% Agreed, 32.1 strongly Agreed, 15.5 % Undecided while 10.8% and 3.6% Disagreed and Strongly Disagreed respectively. This clearly shows that the respondents understood the types of sexual violence which were on social media.

Unsolicited sexually suggestive comments could be classified as a form of social media sexual violence the respondents answered that 41.2% of the respondents agreed, 40.8% disagreed while 9.4% were undecided. The minority 2.9% Disagreed that unsolicited sexually suggestive comments qualified to be a form of sexual violence. This indicates of the respondent's knowledge about the form of social media violence. the respondents thought that unwanted physical contact (without consent) qualified to be a form of sexual violence when Majority of the respondents 67.9% Strongly Agree while the minority 1.4% Disagreed. There's no significant relationship between social media use and the knowledge on sexual violence. The results using person chi-square which is a 2x2 table to find significance yielded ($X^2=19.609$, $p>0.001$). This shows that the test was highly significant leading to a rejection of the null hypothesis hence there was a significant relationship between social media use and knowledge of sexual violence for medical students at KMTC kakmaga.

5. Recommendation

Based on the research findings the following are the recommended corrective measure

which can contribute to effective use of social media as a toll against sexual violence in a medical school.

The research would like to recommend the following:

1. Government and relevant stakeholders to increase awareness on the use of social media to increase awareness towards sexual violence. This will help increase awareness of sexual violence among the youths in medical schools
2. It is a recommendation that as a common unit, sexual violence should be incorporated in graduate schools to increase awareness at the college especially at the medical school.

6. Limitations

The outcome of this study is limited in its generalizability and needs to be validated in other settings. This study does not consider college rankings and economic statuses in its realization of the knowledge realized.

7. Conclusion

There are several critical success factors needed for the application and dissemination of knowledge on sexual violence amongst Nursing medical students in the colleges .

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