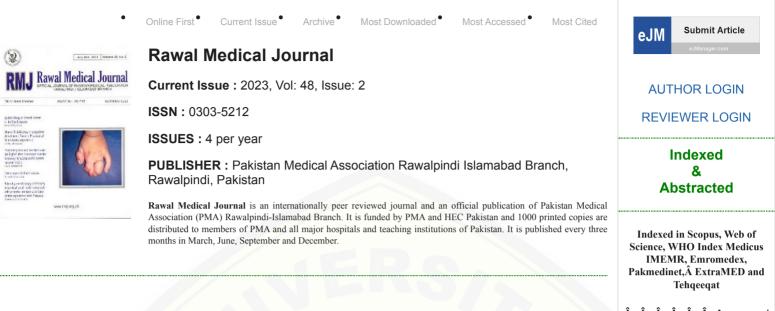
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M. Nur Khamid,¹ Eti Poncorini Pamungkasari,² Argyo Demartoto,³ Dewi Rokhmah⁴

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Objective: To explore the behaviors of HIV-positive MSM (risk and protective behavior) in preventing HIV/AIDS transmission based on self-identity, cultural script, interpersonal script, and intrapsychic script among HIV-positive MSM.

Methodology: We conducted this qualitative study in Jember Regency-Indonesia with a phenomenological approach from April and June 2021. Informants were taken by purposive sampling, with the total primary informants being 12 HIV-positive MSM. Data were collected through in-depth interviews with open-ended questions using guidelines and performed using Interpretative Phenomenological Analysis (IPA).

Results: Most of the informants became MSM due to self-actualization. The perspective of self-identity was

INTRODUCTION

As a vulnerable population to transmitting HIV/AIDS, men who have sex with men (MSM) need attention. It is related to the high transmission of HIV/AIDS in this population, which can lead to HIV epidemic.¹ The United Nations reports that the MSM population is approximately three million people, with an estimated population in Indonesia during 2015 - 2019 being 2% of the total population.² The Indonesian Biological and Behavioral Integrated Survey (IBBS) in 2018 - 2019 reported that 0.03% of Indonesian were MSM.³ However, the data may underestimate because most of their communities are highly secretive and difficult to identify.

Based on a survey conducted in 140 districts/cities in 2019, Jember is the fifth regency with the highest number of MSM (7.62%). IBBS reported that the MSM population contributed a high number of HIV incidence by 17.9%, followed by drug abuse (13.6%) and shemale (11.9%).³ The survey also reported that 2.3% of MSM lack knowledge about condoms, and a quarter of respondents admitted that they did not have condoms in the last month (24.2%).³ These issues need to be a public health concern in Indonesia, where the lack of availability of condoms during sexual activity among

mostly insertive. The cultural script shows that most HIV-positive MSMs tend to beopen onlyto people considered. The interpersonal script consists of three stages in the dating process. In the intrapsychic script, the sexual orientation of the informants is based on mutual liking, comfort, and sexual satisfaction.

Conclusion: HIV-positive MSMs have appropriate sexual intentions and plans to prevent HIV/AIDS transmission to their partner. Still, a lack of implementation is presented due to misperception and low information. Therefore, the authorities must disseminate appropriate information about HIV/AIDS control programs in at-risk communities, particularly HIV-positive MSM.

Keywords: Preventive behaviour, MSM, HIV, AIDS.

MSM elevated infectious disease transmission, particularly HIV/AIDS.⁴

Given such epidemiological trends, research on sexual behavior among the MSM population for HIV/AIDS transmission is necessary. It can enlarge information on epidemic behavior, provides practical strategies, and controls its impact on various sectors.⁵ This study aims to explore HIV-positive MSM behaviors (risk- and protective behavior) in preventing HIV/AIDS transmission.

METHODOLOGY

This qualitative research was conducted with a phenomenology approach. The informants were determined by purposive sampling. The inclusion criteria included: a) domiciled in Jember, b) declared HIV positive by the doctor and laboratory-confirmed, c) 18 – 30 years old, d) agree to sign informed consent. The study was conducted in Jember Regency from April and June 2021. This study was approved by the Research Ethics Committee of the Faculty of Medicine, Universitas Sebelas Maret, on March 17, 2021 (registration number: 11/UN27.06.6.1/KEP/EC/2021). We collected data through in-depth interviews with open-ended questions using guidelines (structured). We

used Interpretative Phenomenological Analysis (IPA) to explore individual's personal perception. The triangulation process involved collecting information through in-depth interviews with significant or supporting informants and verifying the information through direct observation.

Statistical Analysis: We used Interpretative Phenomenological Analysis (IPA).

RESULTS

Table 1 shows the demographic characteristics of respondents. The classification of codes and the process of coding to category and theme are given in Fig. 1 and Fig. 2. The self-identity code determines due to self-identity on the type of expression among HIV-positive MSM, including sexual roles in having sex with men. Most informants explained that sexual roles were determined by their first sexual experience, usually starting with versatile (masculine and feminine) due to curiosity. In addition, traumatic/past experiences also affected the expression type among MSM.

"Versatile. It is more comfortable at the top. I feel uncomfortable at the bottom; the pain is excruciating. I cannot enjoy being at the bottom. But I do not know; when I have sex, I have to be positioned at the bottom" (Informant 6).

Cultural Script: The cultural code determines how they open their HIV status to others. This study found that the informants wereaware their status and were only

open to peoplewho were consideredtrustworthy."Noone in my family knows my status. I did not open it because I feared somebody would say something bad. My family also does not know I am MSM. The only one who knows is just close friends. Yes, he is also person with HIV/ AIDS" (Informant 8).

"My parents know my HIV status. But my brother/sister do not. The reaction was sad at the beginning. But now, let's just go with it. They just support it. Because at some point, if there is something wrong, Mama will know too. So, I'd better tell her at the beginning" (Informant 5).

Interpersonal Script: The interpersonal code determines the stages in finding partners. The interpersonal script variables consisted of dating sexual script. The study found that mos tinformants know their boy friends through social media. "Facebook. In the past, I used a Grinder, Blued. And now the Hornet. Yes, the objective is to find a partner. Then, the second is to find a boyfriend. ButI used it mostlylookingfor sexual experience. It will be a boyfriend if it's a click (match). If it's not (suitable), then it has gone. Most of the time, he will disappear after having sex" (Informant 11).

In sexual script, the study found that most informants choose partners who provide comfort, maturity, mindset, thoughtfulness, physical attractiveness, and economic stability. "I just look for someone who clicks on me and can connect with my mindset. I do not concern about physics. It is important to think forward. We will

Subject	Age	Marital Status	Infected Duration (Month)	ARV Status	MSM Motivation	Ethnicity
Informant 1	29	Single	17	On ARV	Sexual harassment victim	Javanese
Informant 2	30	Single	29	On ARV	self-actualization	Javanese
Informant 3	25	Single	14	On ARV	self-actualization	Javanese
Informant 4	30	Single	2	On ARV	Pleasant	Madurese
Informant 5	24	Single	24	On ARV	Parenting	Javanese
Informant 6	25	Single	60	On ARV	Broken home family	Javanese
Informant 7	28	Single	60	On ARV	Trauma experience in women	Javanese
Informant 8	20	Single	12	On ARV	Pleasant	Javanese
Informant 9	26	Single	24	On ARV	self-actualization	Javanese
Informant 10	27	Single	48	On ARV	Parenting	Madurese
Informant 11	26	Marriage	12	Off ARV	Economy	Madurese
Informant 12	24	Single	36	On ARV	self-actualization	Javanese

Table 1: Demographic characteristics of respondents.

CODES	CATEGORY	THEME	
First time sex experience, Traumatic, Curiosity, Feeling uncomfortable, Excessive pain.	The determination of sexual roles in having sex with men.	Self-identity in the type of expression among HIV-positive MSM	
Role of sexual partner, Desire of sexual partner.	Versatile behavior (Feminine and masculine)		
Closed, Worried, Fellow friends maintain privacy.	Do not disclose HIV status.	Be careful and open about your HIV status with fellow People Living with	
Trust, Stigma, avoiding stress, worrying about being ostracized.	Disclosure of HIV status with partners/friends and family.	status with fellow People Living with HIV/AIDS (PLWHA).	
Social media, sex gratification, looking for a gittfriend, same-sex dating apps, looking for same-sex friends.	Looking for a same-sex partner.	The stages in finding a partner include the criteria for choosing a same-sex	
Match each other, similarity in mindset, comfort, physical appearance	Criteria for choosing a partner.	the criteria for choosing a same-sex partner.	
Mutual liking, feeling suitable, comfort, seeling sexual satisfaction		The experience of having same-sex.	

Fig. 1: Classification about code, category and theme.

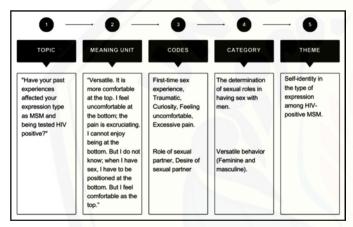


Fig. 2: Process of coding and theme.

continue the relationship if I feel comfortable" (Informant 12).

This study found that the informants had not implemented safe sex behaviour due to misperceptions about preventing HIV/AIDS transmission. It is like removing sperm from the anus and washing the genitals using antiseptics. They did it and considered avoiding HIV transmission.

Intrapsychic script: The intrapsychic code determines due to the experience of having same-sex. In this study, the sexual experience of HIV-positive MSM found that information experience of having sex with men based on mutual liking, feeling suitable and comfort, and sexual satisfaction. "We met and were invited to the hotel. I just liked it. It felt right. The communication was right on the application" (Informant 11).

DISCUSSION

The self-identity in MSM is a characteristic of the MSM population as members of society, including their sexual

roles.⁶ This study revealed that the self-identity among HIV-positive MSM begins with versatile (insertive and receptive), then changes according to the comfort feeling and first experience of having sex. Van Tieu et al reported the appearance of MSM with a sexual role "insertive" are macho and act like a man when having sexual relations with men. The sexual role "receptive" has a feminine appearance. In addition, the sexual role of versatile is commonly known as "insertive or receptive" when having sex with men.⁷ This study found that sexual roles in MSM sexual partnerships are fluid and can change according to the feeling and experience.

The ethnicity in Jember consists of Javanese, Madurese, Osing, and Pandalungan (a mixture of Java and Madura), in which these various ethnicities are closely related to public health issues, including HIV/AIDS. The behaviour of HIV-positive MSM is still considered deviant behavior to discuss. This condition forces them to choose to hide their identity from the community.⁸

This finding is similar to a study where HIV-positive MSM tend not to disclose their HIV status to partners or families, however, some informants reveal their HIV status to some people.⁹ We found that due to rejection, self-blaming, and privacy from other people, HIV-positive MSM only reveal their status to people who are trustworthily considered.

This study found that the process of meeting for the first time went through three stages, namely: 1) introduction through social media or dating applications where this stage aimed to recognize each other, 2) appointment to meet either in the open- or closed- location and 3) decision making (reject or accept). This finding is similar to a previous study, where several stages should be passed in starting a relationship.¹⁰ These three stages are carried out by MSM to filter their partners in order to build the relationship.

We found that HIV-positive MSM plans to tackle HIV/AIDS transmission. It includes healthy behaviours, using condoms and lubricants, regularly taking HIV tests and ARV, and being faithful to partners. Besides, educating partners about HIV prevention, maintaining personal hygiene, and being open to each other can prevent HIV/AIDS transmission. A previous study reported that maintaining a lifestyle, condom compliance, and adherence to ARV consumption is a successful effort of MSM to tackle HIV/AIDS transmission.¹¹

Another study added Voluntary Counselling and Testing services (VCT) and Provider Initiated Testing and Counseling (PITC) as an option to prevent HIV transmission.¹² Therefore, adequate knowledge is needed in efforts to prevent the transmission of HIV/AIDS among MSM.This study revealed the behavior of

HIV-positive MSM to prevent HIV/AIDS transmission using *Interpretative Phenomenological Analysis* (IPA). This study is limited to Jember Regency without analyzing by cultural setting (Java, Madura, and Pandalungan). Therefore, the cultural analysis should be performed in further study to provide comprehensive information.

CONCLUSION

The MSM behavior is related to self-actualization. Most informants were insertive (masculine). Based on a cultural script, HIV-positive MSMs are secretive. The interpersonal script consists of introduction on social media, outdoor or indoor meetings and relationship determination/decision. In the intrapsychic script, the sexual behavior of HIV-positive MSM is based on mutual liking, comfort, and sexual satisfaction.

HIV-positive MSMs have appropriate sexual intentions and plans to prevent HIV/AIDS transmission to their partner. This study recommends that the dissemination of preventive behavior related to HIV/AIDS is necessary by the authorities and should be carried out intensively, particularly for HIV-positive MSM.

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- Critical revision of article for important intellectual content: Argyo Demartoto.

Statistical expertise: Eti Poncorini Pamungkasari.

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