

RESEARCH ARTICLE

Open Access

Gender: shaping personality, lives and health of women in Pakistan

Narjis Rizvi*, Kausar S Khan and Babar T Shaikh

Abstract

Background: Gender norms determine the status of Pakistani women that influence their life including health. In Pakistan, the relationship between gender norms and health of women is crucial yet complex demanding further analysis. This paper: determines the reasons for reiteration of gender roles; describes the societal processes and mechanisms that reproduce and reinforce them; and identifies their repercussions on women's personality, lives and health especially reproductive health.

Methods: As part of a six-country study titled 'Women's Empowerment in Muslim Contexts', semi-structured group discussions (n = 30) were conducted with women (n = 250) who were selected through snowballing from different age, ethnic and socio-economic categories. Discussion guidelines were used to collect participant's perceptions about Pakistani women's: characteristics, powers, aspirations, needs and responsibilities; circumstances these women live in such as opportunities, constraints and risks; and influence of these circumstances on their personality, lifestyle and health.

Results: The society studied has constructed a 'Model' for women that consider them 'Objects' without rights and autonomy. Women's subordination, a prerequisite to ensure compliance to the constructed model, is maintained through allocation of lesser resources, restrictions on mobility, seclusion norms and even violence in cases of resistance. The model determines women's traits and responsibilities, and establishes parameters for what is legitimate for women, and these have implications for their personality, lifestyle and health, including their reproductive behaviours.

Conclusion: There is a strong link between women's autonomy, rights, and health. This demands a gender sensitive and a, right-based approach towards health. In addition to service delivery interventions, strategies are required to counter factors influencing health status and restricting access to and utilization of services. Improvement in women's health is bound to have positive influences on their children and wider family's health, education and livelihood; and in turn on a society's health and economy.

Background

Gender is a social construct that impacts both sexes [1]; women are however more vulnerable because of their subordinate status [2]. In most of the South Asian societies, women face discrimination because of some deeply rooted gender norms [3]. Pakistan is one of the developing South Asian countries with wide gender inequities [4]. Extensive gender gaps exist in education [5]; nutrition [6], health care [7] and employment [8]. Being signatory to international treaties such as Convention to Eliminate All Discrimination against Women, International Conference

on Population and Development and Millennium Development Goals; the Pakistan government is obliged to achieve gender equality. Government's efforts to fulfil its commitments are reflected to a certain extent in its policies on Health, Population and Women's development, and programmes including Primary Health Care and Family Planning, and Maternal, New-born and Child Health. The country still, however, ranks low in gender indicators and its gender equality measurements are deteriorating [9].

Gender inequalities deprive women of their rights, autonomy and leadership [10]; hence affect their life's prospects [11], specifically reproductive behaviours [12]. This causes delays in achieving social and health targets

* Correspondence: narjis.rizvi@aku.edu
Department of Community Health Sciences, Aga Khan University, Karachi, Pakistan

[13]. The four institutions of power (family, community, health care systems and the state) play an important role in determining the health status of women. Family traditions and customs govern the lives of women [14]. A locally conducted study in a metropolitan city of the country has shown that gender roles are repeated and culture and religion are used in socializing girls and boys to these roles [15]. However, it is yet unclear why gender roles are reiterated, which mechanisms and processes society use to reinforce and naturalize them and what implications they have on women's personalities, lifestyles and health. The gender inequalities in the health care system have direct effects on the health care-seeking behaviors. Inappropriate or delayed health care-seeking could lead to undesirable health outcomes, high fertility, unwanted pregnancies, medical complications, and amplified susceptibility to future illnesses among women [16,17]. Survey reports and literature mainly provide information about married women that focuses primarily on reproductive health, particularly knowledge and practices related to family planning [18,19]. There is a dearth of information available on the lives of women as perceived by them with regard to their attributes, personality, desires, powers, responsibilities, risks, benefits, issues and problems.

The current paper therefore aims to: determine the reasons for reiteration of gender roles; describe the societal processes and mechanisms that reproduce and reinforce them; and identify their repercussions on women's personality, lives and health especially reproductive health. To accomplish these aims the perception of Pakistani women were gathered about their lives in terms of: (1) Characteristics, powers, aspirations, needs and responsibilities; (2) Circumstances these women live in such as opportunities, constraints and risks; and (3) Influence of these circumstances on their personality, lifestyle and health.

Methods

The current paper is based on the findings of a multi-country study titled "Women's Empowerment in Muslim Context", conducted in six Muslim countries, using Participatory Action Research. In Pakistan, the study included two squatter-settlements in Karachi, where the Community Health Sciences Department of the Aga Khan University has been providing primary health care services, since 1996. These two squatter settlements were selected to represent the urban-rural mix of the population; one is in the middle of the city representing the urban whereas the other is in the peri-urban area which is exactly similar to rural areas of the country. The residents of these squatter settlements are from different ethnic and socio-economic backgrounds.

The paper is developed on the findings of group discussions (n = 30) with women (n = 250) living in these areas.

These women were from different: age groups such as adolescents, adults, middle aged, and elderly; socio-economic strata like lowest, lower-middle and higher-middle; and ethnic groups representing all the provinces of the country. The participants of each of these categories were invited separately to avoid the influence of dominant individuals on the submissive ones. Participants were selected purposefully using snowballing as the objective was to involve those who are more knowledgeable about the issue under research and conversant with the circumstances prevailing. In each discussion, a total of 8–10 women participated.

A discussion guide was developed to gather participants' perceptions around main issues of Pakistani women as determined in the current literature and reports. The issues of Pakistani women included in the discussion guide were their; characteristics, powers, aspirations, needs and responsibilities; and circumstances these women live in such as opportunities, constraints and risks and the repercussions of these circumstances on women's personality, lifestyle and health. Enquiries were made to understand the reasons for women's compliance to societal norms. The guide however had neutral and open ended questions and probes to: provide opportunity to identify new, unknown and previously unidentified information; keep the discussions focused, uniform, objective and comprehensive; and avoid the influence of interviewer's opinions on the participants.

These discussions were facilitated by two trained teams, both led by a sociologist. The discussions were recorded while notes were also taken by a note taker. The team also observed and noted any unusual verbal and non-verbal communication. Discussions were transcribed. These transcriptions were read several times to develop an understanding of the participants' perception. Qualitative content analysis was done to describe the: manifest content, what the text says; and latent content, interpretation of the underlying meaning of the text. The text was divided into 'meaning units' that were condensed and labeled with a 'code' which were subsequently analyzed and grouped into categories and then themes were developed.

Results

The results are based on participants' (n = 250) perceptions about Pakistani women's: (1) characteristics, powers, aspirations, needs and responsibilities; (2) Circumstances these women live in such as opportunities, constraints and risks; and (3) Repercussions of these circumstances on their personality, lifestyle and health.

(1) Pakistani women: characteristics, powers, aspirations, needs and responsibilities

Characteristics

Women are not considered individuals and therefore have no identity and rights; a woman is a daughter,

sister, wife or mother. They have to cover themselves from head to toe, remain within the house and comfort and obey those on whom their identities rely upon.

Powers

Women have no right to make decisions; all decisions ranging from type of dress to marriage are made by the men of women's own family or the in-laws. From childhood, girls are informed, taught and trained to believe that only men who are physically powerful and hence mentally competent to make decisions; '*She is counseled, and if this does not work, she is forced through threats and violence to believe that she is an object that has to be operated by a male family member*'. In cases where women challenge these patriarchal privileges and/or seek to enforce their rights, violence is used as a means to control them; hence setting examples that reduces the instances of resistance.

Aspirations

Women desire to make decisions, groom, be praised, loved, and get education and employment.

Needs

Girls need knowledge specifically about physical and physiological changes occurring around puberty and skills to protect themselves from all types of abuses.

Responsibilities

Women are responsible for fulfilling the 'Reproductive Role'; bearing and rearing of children, household chores and social and religious responsibilities. Their respect is correlated to the extent of their compliance to this triple role; and a woman may be labeled immoral on challenging the role. A woman's existence is linked to reproduction; '*Woman is created (by God) for reproduction*'. Women are "respected" on becoming pregnant, considered "supreme" on delivering a male child, and their worth is closely linked to the number of children they reproduce; '*A woman's worth is gauged through "number of pregnancies" and "number of sons delivered"*'.

(2) Circumstances: opportunities, constraints and risks

Opportunities

Despite repeated probing, women did not report having any opportunity at all in the vicinity which could contribute to their development.

Constraints

Women mentioned several restrictions they face:

- a) *Lesser Allocation of Resources*: Girls are consciously given lesser educational, employment and food resources.

- b) *Lack of Guidance and No Access to Information*: Girls have neither any guidance from the parents nor they are allowed to access information, specially related to sexual and reproductive organs and physiology, sex and sexual relations under the misconception that such knowledge will enhance illegal (illegitimate) sexual relationships.
- c) *Restrictions on Mobility and Socialization*: Under the pretext of protecting girls from sexual abuse, they are confined within homes and are not allowed to interact with anybody.
- d) *Prohibitions on Grooming*: Women generally and girls specifically are not allowed to groom under the fear that men might get attracted by them. "*A girl is considered flirt and immoral if she does so*".
- e) *Restrictions on Productive Work*: Women are not allowed to work for money outside, since men feel that they will become more successful and independent.

Risks

Women reported several risks they encounter:

- a) *Early Marriage*: Girls are married as early as possible after initiation of menses under the pretext that moulding into the reproductive role is easier at a younger age.
- b) *Reproductive Morbidity, Complications and Mortality*: Early marriage, repeated pregnancies and use of abortion for contraception make women prone to reproductive tract diseases and sexually transmitted infections.
- c) *Violence*: Girls and women are at risk of all types of violence. Vulnerability to abuse increases further because girls and women lack knowledge and skills to protect themselves.

Repercussions of these circumstances on women's personality, lifestyle and health

The circumstances women are living in influence their personality, lifestyle and health:

- a) *Influence on Personality*: Lesser resource investment in girls results in an inferior status of women. Mobility restrictions isolate women socially, and make them lonely without support and guidance; '*We have nobody to share our feelings and experiences with*'. Lack of autonomy causes hopelessness. Absence of knowledge about puberty makes girls ashamed of physical and sexual changes; '*Menarche*' is an abrupt and upsetting incident for us'. Lack of knowledge and skills to protect themselves from sexual harassment makes them fragile and weak. Early marriage and consequent loss

of freedom worries them. Sexual harassment and being blamed for that causes continuous fear. Over work, lack of appreciation and exposure to all kinds of abuses leads to frustration that ends up in anxiety and stress and in extreme cases even depression. Consequently girls/women lack confidence, have low self-esteem, self-conscious, insecure, scared, fragile and anxious.

- b) **Influence on Lifestyle:** Girls and women comply with the 'Reproductive Role' given to them. They stay at home as they are neither allowed nor prepared to interact or go out. Women's economic contribution is constrained by lesser investment in their education and skill building along with mobility restrictions; however they still participate in income generation activities without jeopardizing the norms set for them. They are not empowered to make decisions and are dependent on the male members for every decision and action. Women are unable to manage the challenges of the external environment as they are not skilled to do so. Therefore they are confined in homes in a subordinate position; they obey orders and silently accept verbal, physical, social and mental abuse and only complain when their life is being threatened.
- c) **Influence on Health:** Women's health is affected in following ways:

Malnutrition

Except the post-delivery period in case of the male baby, when higher allowances are given so that boy can be breastfed, generally meager nutritional allocation and repeated pregnancies make them malnourished.

Violence

Girls/women experience wide variety of violence; it could be physical ranging from slapping to burning; verbal such as taunting, use of bad language; mental like threats of divorce and actual divorce; and sexual in the form of rape and incest.

High Fertility

Women repeatedly become pregnant to deliver as many children as possible preferably sons to become worthier. Child birth is even preferred over a woman's life; *'Family members insisted for continuation of pregnancy, even at the risk of the pregnant mother's life. Mother died after delivering a baby boy. Family considered the death as God's will.'*

Low Contraceptive Use

Women's ability to enforce contraceptive use is very limited because of the unilateral power that their male partners/husbands exercise in fertility decisions. A woman is persuaded to continue bearing children until the family has at least one

son; she sometimes delivers 7 or more daughters in order to accomplish the objective.

'Abortion' as a method for Contraception

In cases of pregnancy with a female foetus, a woman's reproductive rights are often denied because her husband will coerce her to terminate the pregnancy; *'If husband gets to know that the fetus is female, he asks for termination of pregnancy.'*

Neglect and Mistreatment during Pregnancy

In case of female fetus, pregnant woman is given less nutritious food and rest, not registered for antenatal care, neglected and even abused.

'A woman had three daughters. She conceived fourth time. The in-laws, on hearing that the ultrasound examination has revealed that the fetus is female, physically abused the pregnant women to an extent that she started bleeding and died on her way to the hospital.'

Excessive Reproductive Morbidity and Mortality

Women experience excessive reproductive morbidities and mortality because of nutritional deficiencies, repeated pregnancies, violence and use of abortion as a contraceptive method.

Delay in Seeking Healthcare

Unless serious, women neither discuss nor seek medical advice for sexual and reproductive morbidities, because discussion about sex, sexual organs and their problems is a taboo.

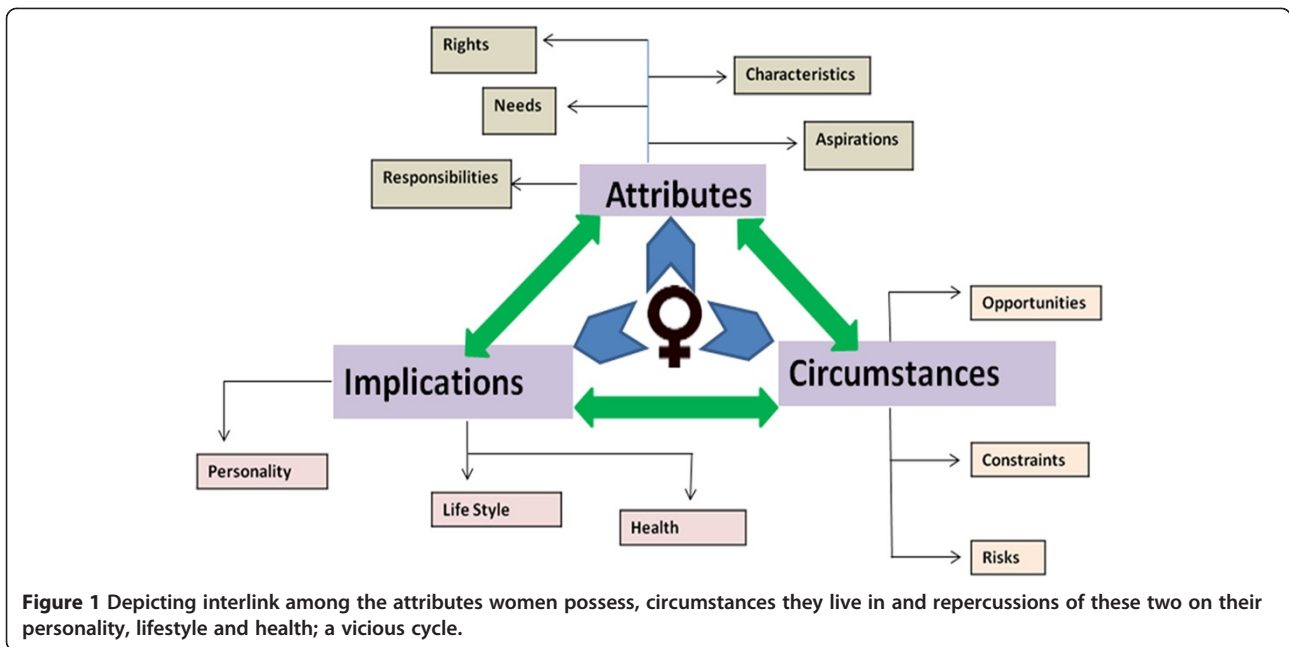
Delay in Accessing Health Facility

Except in life-threatening situation, the family does not take the woman to a healthcare facility, because taking a woman out of the house is considered disrespectful.

Discussion

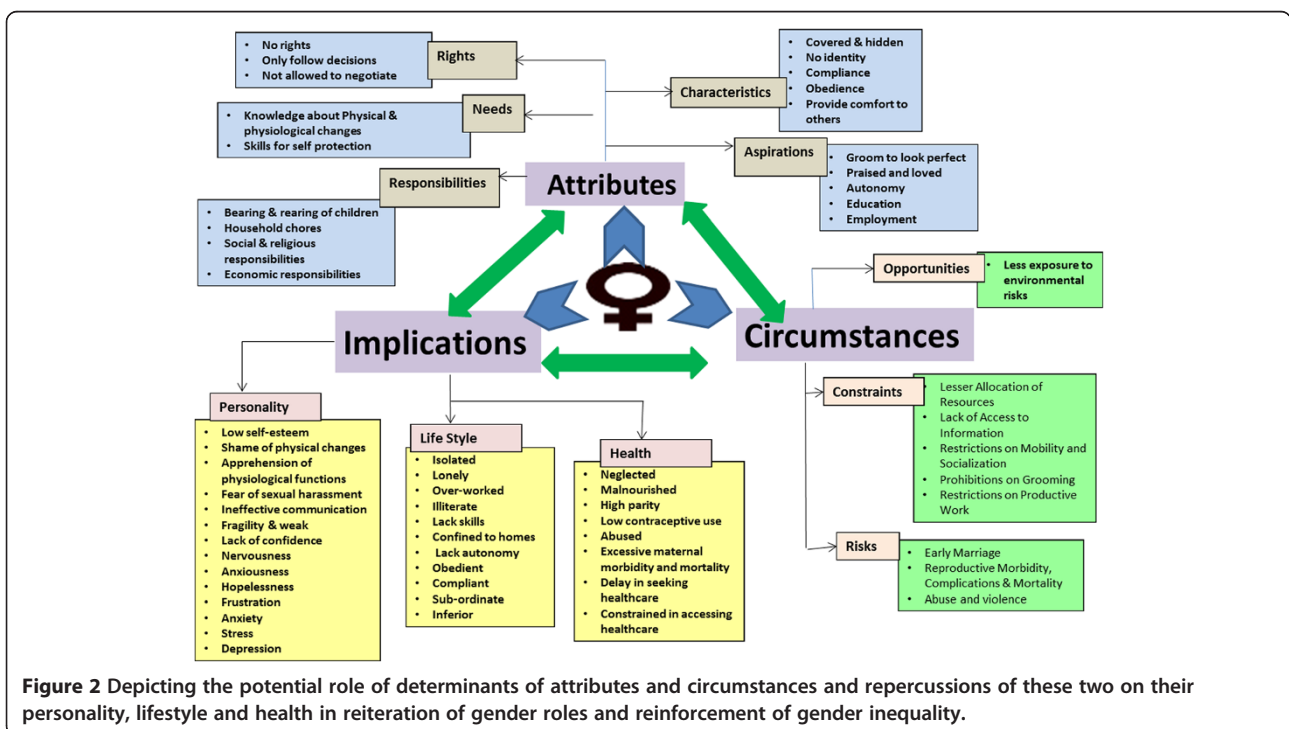
Analysis of the perception of this sample of Pakistani women living in a poor urban settlement about their lives demonstrated that this society has constructed a model for them based on the principles that reproduction is a woman's only responsibility, and the family honour is dependent upon her sexual chastity. An in-depth assessment of the information gathered from women revealed a strong interlink among the attributes women possess, circumstances they live in and repercussions of these two on their personality, lifestyle and health; a vicious cycle seems to be prevailing (Figure 1). A comprehensive understanding of the determinants of attributes, circumstances and repercussions of these two on their personality, lifestyle and health showed that all these factors reiterates gender roles and reinforces gender inequality (Figure 2).

The study identified that model constructed by the society determines the traits, responsibilities and parameters for a woman. The traits comprises of: covering of



whole body; unconditional obedience to parent's family before marriage and husband's family after marriage; fulfillment of instructions without negotiation; home confinement with limited mobility; and expression of desires denied. The responsibilities include accomplishment of all household chores including stitching, bearing and

rearing of children, care of ill and old, and participation in social and religious activities in the extended family. Parameters of "Dos" and "Don'ts" determine strictly the boundaries of a woman's behaviour and actions, and thereby of her life; similar findings are reported from other studies in the country [20-22]. Consequently, the



majority of the Pakistani women described in this paper are considered '*Objects*' without identity, rights and autonomy. Being signatory to the international treaties and commitments for promotion of individual human rights (United Nations, 1948; CEDAW, 1979; ICPD, 1994, UNIFEM, 1998), Pakistan needs to make its own commitments effective, and find strategies to ensure women's access to basic rights such as autonomy, free mobility and expression of desires. Provision of these rights enhances self-worth, dignity and status and enables individuals' capacity to negotiate and address injustices [23]. Once empowered, Pakistani women will be able to challenge the 'Model' foisted on them and actively participate in developing traits and parameters based on human rights principles that acknowledge women's individuality.

The study revealed that through low investment in girl's health and education [7,24], family and society reproduce and maintain women's systematic subordination as being practiced for decades [20,21,25]. Having inferior status, women are compelled to follow the socially constructed model that disempowers them into surrendering their own abilities to take decisions; forces them to abide by the pre-established norms that restrict mobility, controls their social interactions and limits access to education and information; pushes them into early marriage and violence; and excludes them from the larger society of which they are a significant part. This calls for gender sensitive budgetary allocation in every sector but more importantly in health and education, so that women can get social and economic gains [26] in order to raise their status.

We found that society with the aim to preserve women's chastity imposes certain norms like mobility restriction, social quarantine and prohibition on accessing information about sexual and reproductive issues [27], even when needed [28,29]. It is upsetting to note, however, that such customs have not succeeded in protecting women since sexual abuse is on the rise [30-32]. On the other hand such customs negatively influence a woman's personality and social relations. As a person she lacks confidence, self-esteem and motivation that leads to powerlessness, stress, anxiety and depression; a finding reported in studies within Pakistan [12] and South Asian countries [2,20,33,34]. Socially, she is unable to interact and communicate effectively and manage the challenges of external environment appropriately [27,35-37]. This situation demands provision of relevant knowledge and skills to girls and the women that can inculcate confidence and self-reliance, and equip them with abilities to address circumstances they encounter. Two interventions that have been proved to be effective are Basic Life Skills [38] that can be introduced at every institution such as home, schools, madrassas (Religious schools), and use of electronic media such as TV, radio and cell-phone text messages [39].

The study further identified that women's reproductive health is influenced by the '*Reproductive Role*' which is one of the traits of the model society has strategized for them. The '*Reproductive Role*' disallows women to: regulate their fertility; discuss sexual and reproductive health issues; and seek health care even when crucial such as during pre-natal, natal and post-natal periods. This finding is validated through national surveys reporting low utilization of reproductive health services by Pakistani women like contraception, tetanus toxoid vaccination, antenatal care and delivery by skilled birth attendant [7,24,40]. Consequently, sexual and reproductive morbidities remain unreported, untreated and many a times become intensive, complicated and fatal for mother and the child [41]. For decades, the same webs of causative factors in the country are responsible for not allowing women to seek skilled healthcare though [42,43], significant underlying determinants however are limited autonomy [11,44,45] and gender inequality [46]. Strategic strategies for enhancement of gender equity [47], women's autonomy and status of girl child are vital [34]. However, during the transition phase, the reproductive health of women with restricted mobility can be improved by introducing operational interventions such as involvement of men to influence women's reproductive behaviour [45,48] and delivery of skilled healthcare at the door-step through community-based health workers [49-51] and as a long term measure, deploying enough female health staff at the health facilities [52]. Similarly, family planning programs must look into gender dynamics in the society and even at the community level to ensure an equal access to contraceptives by men and women [53].

The robust methodology and rigorous analysis provides us confidence, though, that the findings of this study can be used to explain the experiences of other Pakistani women who are in comparable situations. However it should be remembered that this was not a quantitative study where results are statistically generalizable to the whole country. Although to eliminate interviewer's bias a pre-designed discussion guideline was used without leading questions, however there could still be some interviewer's influence on the responses.

Conclusion

The model constructed by studied community considers women '*objects*' without rights and autonomy. Compliance to this model in many cases is ensured by maintaining women's subordination which is achieved through inadequate allocation of resources, mobility restrictions, and limited access to information, seclusion norms and even violence in cases of resistance. This disenfranchised model regulates women's traits and responsibilities, and establishes parameters for their desires, behaviour and practices; all of these influence their personality and lifestyle, hence their health. More alarming is the contributing link

existing between the attributes promoted by the constructed model and the circumstances created for women to adopt the model; a vicious cycle reiterating gender roles and reinforcing gender inequality (Figure 1).

As a consequence of this state of affairs, many Pakistani women in similar circumstances are illiterate; ill-informed; lack confidence and self-worth; disempowered; prone to violence; at risk of physical (reproductive and mental) illnesses; and unable to discuss health issues and seek healthcare when needed. The link between health, women's autonomy, rights and status identified half a century ago [54] need urgent attention and actions focusing on gender sensitive and right-based approach are required. Concurrently, the conventional intervention-based health package needs to introduce strategies that counter socio-cultural factors influencing health status and outcomes [55], so that unacceptably high maternal mortality and morbidity can be reduced [56-58]. In this regard the determinants of each of the factors of the constructed model (Figure 2) can be utilized for development of strategies and interventions that can promote gender equality; hence improve women's life including health. A three-pronged strategy is proposed: (1) advocacy efforts to convince policy makers for development of gender sensitive policies; (2) designing of programs, interventions and services keeping in view socio-cultural factors influencing health and healthcare services; and (3) behaviour and attitudinal change at individual, family and community levels to create an enabling environment where women can negotiate to exercise their right to health, and challenge their institutionalized neglect.

Women's experiences of pregnancy and childbirth exert influences far beyond their own health, on their children and wider family's health, education and wealth; indeed society health and economy [59,60]. The notion of equity, oft-associated with access, ought to be translated into equal utilization for equal need and equal quality of care for women. Strategies for advancing women's strategic interests, along with meeting their practical needs would lay the foundation for women's empowerment so that they could challenge and change the local gender systems.

Competing interest

The authors declare that they have no competing interests.

Authors' contributions

NR made substantial contributions to the design of the study and acquisition of data, analysed and interpreted data and drafted the manuscript. KSK conceptualized and designed the study, reviewed the manuscript critically and made changes in the content. BTS made substantial contributions to the interpretation of data, critically reviewed the manuscript and made important intellectual additions to the content. All authors read and approved the final manuscript.

Acknowledgement

This paper is developed from the findings of a multi-country research conducted in six countries including Pakistan. The research titled "Women's Empowerment in Muslim Context" and was funded by Department for

International Development (DFID), United Kingdom. The data set used to prepare this manuscript is publicly available, and the Aga Khan University granted access to the data set for use in this study.

Received: 20 September 2013 Accepted: 28 March 2014

Published: 1 April 2014

References

1. Bird CE, Rieker PP: **Gender matters: an integrated model for understanding men's and women's health.** *Soc Sci Med* 1999, **48**:745-755.
2. Mason K: **The status of women: conceptual and methodological issues in demographic studies.** *East Soc Society* 1986, **1**(2):284-300.
3. Hausmann R, Tyson LD, Zahidi S: *The global gender gap report*, World Economic Forum. Geneva; 2008.
4. Bank W: *Pakistan Country Gender Assessment; Bridging the gender gap opportunities and challenges.* Washington DC; 2005.
5. Federal Bureau of Statistics: *Pakistan Social and Living Standards Measurement Survey.* Islamabad: Statistics Division, Government of Pakistan; 2005.
6. Government of Pakistan: *National Nutrition Survey.* Islamabad; 2011.
7. UNICEF: *Multiple Indicator Cluster Survey.* Pakistan; 2008. [updated 2012; cited 10 May 2013]; Available from: http://www.unicef.org/statistics/index_24302.html.
8. National Commission on the Status of Women: *Report on Status of women's employment in Public sector organizations.* Islamabad: Government of Pakistan; 2004.
9. World Economic Forum: *Global Gender Gap Report.* Geneva; 2009.
10. Gill R, Stewart DE: **Relevance of gender-sensitive policies and general health indicators to compare the status of South Asian Women's health.** *Women Health Issues* 2010, **21**:12-18.
11. Sathar ZA, Kazi S: **Women's autonomy, livelihood and fertility: A study of rural Punjab, Islamabad, Pakistan.** *Pak Dev Rev* 1997, **25**(3):339-363.
12. Saleem S, Bobak M: **Women's autonomy, education and contraceptive use in Pakistan: a national study.** *Reprod Health* 2005, **2**:8.
13. Planning Commission: *Development amidst crises Pakistan: Millennium Development Report.* Islamabad; 2010.
14. Qureshi N, Shaikh BT: **Women's empowerment and health: the role of institutions of power in Pakistan.** *East Mediterr Health J* 2007, **13**(6):1459-1465.
15. Saeed AT, Gunilla K, Raisa G, Asad N, Johansson E, Mogren I: **Gender roles and their influence on life prospects for women in urban Karachi. Pakistan: a qualitative study.** *Glob Health Action* 2011, **4**:7448.
16. Uchudi JM: **Covariates of child mortality in Mali: does the health seeking behaviour of the mother matter?** *J Biosoc Sci* 2001, **33**:33-54.
17. Shaikh BT, Haran D, Hatcher J: **Where do they go, whom do they consult, and why? Health-seeking behaviours in the Northern Areas of Pakistan.** *Qual Health Res* 2008, **18**(6):747-755.
18. Federal Bureau of Statistics: *Pakistan Integrated Household Survey.* Islamabad: Government of Pakistan; 2010.
19. National Institute of Population Studies: *Pakistan Reproductive Health Survey.* Islamabad; 2001.
20. Jejeebhoy SJ, Sathar ZA: **Women's autonomy in India and Pakistan: The influence of religion and region.** *Pop Dev Rev* 2001, **27**:687-712.
21. Bott S, Jejeebhoy S: *Towards adulthood; exploring the sexual and reproductive health of adolescents in South Asia: an overview of findings from 2000 Mumbai conference.* Geneva: World Health Organization; 2003.
22. Mumtaz K, Salway S: **"I never go anywhere": Extricating the link between women's mobility and uptake of reproductive health services in Pakistan.** *Soc Sci Med* 2005, **60**:1751-1765.
23. Levine R, Lloyd CB, Greene M, Grown C: *Girls Count: A Global Investment & Action Agenda.* Washington DC: Center for Global Development; 2008.
24. National Institute of Population Studies and Macro International: *Pakistan Demographic and Health Survey 2006-07.* Islamabad; 2008.
25. Tinker A: *Improving reproductive health in Pakistan and saving women's lives.* Islamabad: World Bank; 1996.
26. Subbarao K, Raney L: **Social gains from female education: A cross national study.** *Econ Dev Cultural Change* 1995, **44**(1):105-128.
27. Durrant VL: *Adolescents Girls and Boys in Pakistan: Opportunities and constraints in transitions to adulthood.* Islamabad: Population Council; 2000.
28. Khan A: *Female mobility and access to health and family planning services.* Islamabad: Ministry for Population Welfare and London School of Tropical Hygiene and Medicine; 1998.

29. Khan A: *Adolescents and reproductive health in Pakistan: A literature review Research report No. 11*. Islamabad: Population Council and UNFPA; 2000.
30. Sahil: *Child Sexual Abuse and Exploitation in Pakistan*. Islamabad, Pakistan: Published by Sahil; 1998.
31. Sahil: *Child abuse cases on the rise in Pakistan: Report*. (<http://www.dawn.com/news/427075/child-abuse-cases-on-the-rise-in-pakistan-report>, accessed on July 2013).
32. Human Rights Commission of Pakistan: *Mothers brought dead: an enquiry into causes of delay*. Lahore: State of Human Rights; 2009.
33. Dyson T, Moore M: **On kinship structure, female autonomy, and demographic behaviour in India**. *Pop Dev Rev* 1983, **9**(1):35–60.
34. Jejeebhoy SJ: *Women's education, autonomy and reproductive behaviour: experience from developing countries*. Oxford: Clarendon Press; 1995:20–22.
35. Pakistan Voluntary Health and Nutrition Association: *Adolescent reproductive and sexual health: an exploration of trends in Pakistan*. Karachi; 2000.
36. Sathar Z, Haque M, Faizunnisa A, Sultana M, Lloyd CB, Diers JA, Grant M: *Adolescents and youth in Pakistan 2001–02: A nationally representative survey*. Islamabad, Pakistan/New York: Population Council; 2003.
37. Hennink M, Rana I, Iqbal R: **Knowledge of personal and sexual development amongst young people in Pakistan**. *Culture Health Sex* 2005, **7**(4):319–332.
38. Fang X, Li X, Yang H, Hong Y, Stanton B, Zhao R, Dong B, Liu W, Zhou Y, Liang S: **Can variation in HIV/STD-related risk be explained by individual SES? Findings from Female Sex Workers in a rural Chinese country**. *Health Care Women Int* 2008, **29**(3):316–335.
39. Rizvi N: *Analysis of Calls Received at Youth Help Line from January 2010-June 2012*. Islamabad, Pakistan: Rozan; 2012.
40. National Institute of Population Studies: *Pakistan Demographic Survey 1991*. Islamabad; 1991.
41. Qureshi AF: **A situation analysis and recommendations for evidence-based approached strategies for integrated maternal and child care in Pakistan in community setting**. In *National Consultation on "Maternal and Child Health and Family Planning in Pakistan: Planning for the future"*. Islamabad, Pakistan; 2003.
42. Jafarey SN, Korejo R: **Mothers brought dead: an enquiry into causes of delay**. *Soc Sci Med* 1993, **36**(3):371–372.
43. Nusrat S, Nazli H, Rizwana S, Hussain A, Gillani R, Khan NH: **Socio-demographic characteristics and the three delays of maternal mortality**. *J College Physicians Surg Pak* 2009, **19**(2):95–98.
44. Bloom S, Wypij D, Das G: **Dimensions of women's autonomy and the influence on maternal health care utilization in North Indian city**. *Demography* 2001, **38**(1):67–78.
45. Mason K, Smith H: **Husbands versus wives fertility goals and use of contraception: the influence of gender context in five Asian countries**. *Demography* 2000, **37**(3):299–311.
46. Shaikh BT, Haran D: **Making healthcare systems more responsive to women in Pakistan**. *BMJ* 2006, **333**:971.
47. The World Bank: *World Development Report: Gender Equality and Development*. Washington DC: The World Bank; 2012. ISSN: 0163-5085 ISBN: 978-0-8213-8825-9 doi:10.1596/978-0-8213-8825-9.
48. World Bank Group: *Empowering Women through BISP: The Effect of Women's Decision-Making Power on Reproductive Health Services Uptake in Pakistan*. Islamabad, Pakistan: South Asia Human Development Unit; 2011.
49. Bhutta ZA, Memon ZA, Sufi S, Salat MS, Cousens S, Martines J: **Implementing community-based peri-natal care: results from a pilot study in rural Pakistan**. *Bull World Health Organ* 2008, **86**:452–459.
50. Kumar V, Mohanty S, Kumar A, Misra RP, Santosham M, Awasthi S, Baqui AH, Singh P, Singh V, Ahuja RC, Singh JV, Malik GK, Ahmed S, Black RE, Bhandari M, Darmstadt GL: **Effects of community-based behaviour change management on neonatal mortality in Shivgargh, Uttar Pradesh, India: a cluster-randomised controlled trial**. *Lancet* 2008, **372**:1151–1162.
51. Baqai AH, El-Arfeen S, Darmstadt GL, Ahmed S, Williams EK, Seraji HR, Mannan I, Rahman SM, Rasheduzzaman S, Saha SK, Syed U, Winch PJ, Lefevre A, Santosham M, Black RE: **Effects of community-based new-born care intervention package implemented through two service delivery strategies in Sylhet district, Bangladesh: a cluster-randomized controlled trial**. *Lancet* 2008, **371**:1936–1944.
52. Shaikh BT, Haran D, Hatcher J: **Women's social position and health-seeking behaviors: is the health care system accessible and responsive in Pakistan?** *Health Care Women Int* 2008, **29**(8):945–959.
53. Nanda G, Schuler SR, Lenzi R: **The influence of gender attitudes on contraceptive use in Tanzania: new evidence using husbands' and wives' survey data**. *J Biosoc Sci* 2013, **45**(3):331–344.
54. World Health Organization: *Primary Health Care: Report on the International Conference on the Primary Health Care*, 'Health for All' Serial Number 1. Alma Ata: World Health Organization; 1978.
55. Rizvi N, Nishter S: **Pakistan's Health Policy: Appropriateness and relevance to women's health needs**. *Health Pol* 2008, **88**:269–281.
56. Filippi V, Ronsmans O, Campbell OM, Graham WJ, Mills A, Borghi J, Koblinsky M, Osrin D: **Maternal health in poor countries: the broader context and a call for action**. *Maternal Survival* 5. *Lancet* 2006, **368**(9546):1535–1541.
57. Hogan MC, Foreman KJ, Naghavi M, Ahn SY, Wang M, Makela SM, Lopez AD, Lozano R, Murray CJ: **Maternal mortality for 181 countries, 1980–2008: a systematic analysis of progress towards Millennium Development Goal 5**. *Lancet* 2010, **375**(9726):1609–1623.
58. World Health Organization: *World Health Statistics*. Geneva; 2012.
59. Levine R, Lloyd CB, Greene M, Grown C: *Girls Count: A Global Investment & Action Agenda*. Reprint. Washington DC: Center for Global Development; 2009.
60. House of Commons: **Maternal Health**. In *International Development Committee. Fifth Report of Session 2007–08, Volume I*. London; 2007.

doi:10.1186/1472-6874-14-53

Cite this article as: Rizvi et al.: Gender: shaping personality, lives and health of women in Pakistan. *BMC Women's Health* 2014 **14**:53.

Submit your next manuscript to BioMed Central and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit

