

# Gender subordination in the vulnerability of women to domestic violence

Laura Christina Macedo Piosiadlo<sup>1</sup>  
Rosa Maria Godoy Serpa da Fonseca<sup>2</sup>

## Gender subordination in the vulnerability of women to domestic violence

**Objective.** To create and validate an instrument that identifies women's vulnerability to domestic violence through gender subordination indicators in the family.

**Methods.** An instrument consisting on 61 phrases was created, that indicates gender subordination in the family. After the assessment from ten judges, 34 phrases were validated. The approved version was administered to 321 health service users of São José dos Pinhais (Estado de Paraná, Brasil), along with the validated Portuguese version of the *Abuse Assessment Screen* (AAS) (for purposes of separating the sample group - the "YES" group was composed of women who have suffered violence and the "NO" group consisted of women who had not suffered violence). Data were transferred into the *Statistical Package for the Social Sciences* (SPSS) software, version 22, and quantitatively analyzed using exploratory and factor

analysis, and tests for internal consistency. **Results.** After analysis (Kaiser-Meyer-Olkin (KMO) statistics, Monte Carlo Principal Components Analysis (PCA, and diagram segmentation), two factors were identified: F1 - consisting of phrases related to home maintenance and family structure; F2 - phrases intrinsic to the couple's relationship. For the statements that reinforce gender subordination, the mean of the factors were higher for the group that answered YES to one of the violence identifying issues. **Conclusions.** The created instrument was able to identify women who were vulnerable to domestic violence using gender subordination indicators. This could be an important tool for nurses and other professionals in multidisciplinary teams, in order to organize and plan actions to prevent violence against women.

**Key words:** violence against women; vulnerability analysis; public health; gender identity; validation studies.

---

1 Nurse, Ph.D. Professor, Federal University of Paraná, Brazil. email: lcmapiosiadlo@usp.br

2 Nurse, Ph.D. Full Professor, Universidade de São Paulo, Brazil. email: rmgsfon@usp.br

**Article linked to the research:** Assessment of women's vulnerability to domestic violence: a proposal using gender subordination indicators in the family.

**Subventions:** CNPQ.

**Conflicts of interest:** none.

**Received on:** May 14, 2015.

**Approved on:** April 28, 2016.

**How to cite this article:** Piosiadlo LCM, Fonseca RMGS. Gender subordination in the vulnerability of women to domestic violence. Invest. Educ. Enferm. 2016; 34(2): 261-270.

**DOI:** 10.17533/udea.iee.v34n2a05

## Subordinación de género y vulnerabilidad de las mujeres a la violencia doméstica

**Objetivo.** Crear y validar un instrumento que identifique la vulnerabilidad de las mujeres a la violencia doméstica mediante indicadores de subordinación de género en la familia. **Métodos.** Se creó un instrumento que consta de 61 frases indicadoras de la subordinación de género en la familia. Después de la evaluación de 10 jueces, se validaron 34 frases. Se aplicó a 321 usuarias de los servicios de salud de São José dos Pinhais (Estado de Paraná, Brasil) la versión validada al portugués de *Abuse Assessment Screen* (AAS) -para efectos de la separación del grupo de muestra - el grupo “SÍ” estaba compuesto por mujeres que han sufrido la violencia; el grupo “NO”, de quienes no la sufrieron-. Se estudiaron los datos en forma cualitativa a partir de pruebas de análisis exploratorios, análisis factorial y comprobación de consistencia interna. **Resultados.** El análisis identificó dos factores: F1- compuesto por frases relacionadas con el mantenimiento de la casa y de la estructura familiar y F2 - Frases intrínsecas a la relación entre la pareja. El promedio en las frases que refuerzan la subordinación en los factores fueron mayores para el grupo que responde SÍ a las preguntas identificadoras de violencia. **Conclusión.** El instrumento creado es capaz de determinar las mujeres vulnerables a la violencia doméstica utilizando indicadores de subordinación de género. En este sentido, puede ser una herramienta importante tanto para enfermeros como para los demás profesionales del equipo multidisciplinar en la organización y planeación de acciones para prevenir la violencia contra las mujeres.

**Palabras clave:** violencia contra la mujer; análisis de vulnerabilidad; salud pública; identidad de género; estudios de validación.

## Introduction

Violence is a health problem that affects society, causing deaths, injuries, physical, emotional and spiritual trauma, and significantly interfering with quality of life. Regarding violence against women, high demand for health care in primary care services by female victims of gender violence have been indicated by studies.<sup>1-3</sup> The primary health care in Brazil, within the model of the Family Health Strategy (FHS), provides a privileged space

## Subalternidade de gênero e vulnerabilidade de mulheres à violência doméstica

**Objetivo.** Criar e validar um instrumento que identifique a vulnerabilidade de mulheres à violência doméstica por meio de indicadores de subalternidade de gênero na família. **Métodos.** Criou-se um instrumento composto por 61 frases indicadoras de subalternidade de gênero na família. Após avaliação de 10 juízas, foram validadas 34 frases. Aplicou-se a versão validada em 321 usuárias de serviços de saúde de São José dos Pinhais (Estado de Paraná, Brasil) juntamente com a versão validada em português do *Abuse Assessment Screen* (AAS) (para fins separação do grupo amostral - o grupo “SIM” foi composto por mulheres que sofreram violência e o grupo “NÃO” foi composto por mulheres que não sofreram). Os dados foram analisados quantitativamente por meio de testes de análise exploratória, análise fatorial e checagem de consistência interna. **Resultados.** A análise identificou dois fatores: F1 - composto de frases relacionadas a manutenção da casa e da estrutura familiar; F2 - frases intrínsecas à relação entre o casal. Nas frases que reforçam a subalternidade, as médias dos fatores foram mais altas para o grupo que respondeu SIM a uma das questões identificadoras de violência. **Conclusão.** O instrumento criado é capaz de identificar mulheres vulneráveis à violência doméstica utilizando indicadores de subalternidade de gênero, podendo ser uma ferramenta importante tanto para enfermeiros quanto para demais profissionais da equipe multidisciplinar, na organização e planejamento de ações voltadas para a prevenção da violência contra a mulher.

**Palavras chave:** violência contra a mulher; análise de vulnerabilidade; saúde pública; identidade de gênero; estudos de validação.

to identify the vulnerability of women to domestic violence, as it acts as a gateway to the health system, has locations that are widely scattered throughout the country, and offers conditions for nurses to establish a relationship with the client. Working on the perspective of vulnerability contributes to the renewal of public health and nursing practices to focus analysis on the collective plan, structured in an ethical-philosophical framework that seeks the critical interpretation

of the data. This analytical perspective enlarges the horizons beyond the approach that is limited to individual responsibility, which is traditionally used.<sup>4</sup> However, the lack of team preparation to deal with domestic violence, the difficulty for women to talk about the subject, and for professionals to ask them, and the technical and ethical limitations of care leave this vulnerability to violence hidden, and it is treated as if the complaints are of a biological nature.<sup>5</sup>

Violence against women appears in the health agenda because of the feminist movement, which pressured and continues to pressure the health sector, to be proactive and provide concrete answers, not only for the treatment of injuries and trauma from violence, but acting on the causes, by means of positive actions.<sup>6</sup> Specifically related to violence against women, the Ministry of Health recognizes that social, economic and structural inequalities and policies between men and women, the rigid differentiation of roles, the ideas about virility linked to the male domain and honor are factors for the violence genre.<sup>7</sup> Even with the improvements in quality of life in Brazil, serious gender inequalities that sustain the gender subordination are evident. The National Household Sample Survey of 2011 revealed that women continued entering into the workforce outside the home, increasing their education level and having fewer children, however, the relationship between the female and male roles indicate differences in the integration into the labor market between men and women, expressed by differences in the rates of activity and unemployment. The level of employment in 2009 (percentage of employed persons in relation to the total persons) was 46.8% for women and 67.8% for men; the unemployment rate was 11.1% for women and 6.2% for men, and the distribution of the economically active population (EAP) was 43.9% for women and 56.1% for men.<sup>8</sup>

Based on the assumption that the higher the subordination, more vulnerable the woman will

be to domestic violence, the question arises: how do we identify vulnerability to domestic violence against women, anticipating the problem before a violent situation, in the form of aggression and death, leads to the need for health services, ? To answer the question, a study was conducted to develop and validate an instrument that identifies the vulnerability of women to family domestic violence by means of gender subordination indicators.

## Methods

The studies of the research group, "Gender, health and nursing," of the School of Nursing, University of São Paulo, credentialed in the CNPq Research Groups Directory - Brazil - and whose scope produced the dissertation from which this article originated, deal with the concept of gender violence as a historical and social construction, resulting from the inequalities generated by differences in the construction of masculinity and femininity in the androcentric society in which we live. It extends the vision of the phenomenon to understand the determination of the process and its relationship with other phenomena, including, gender subordination in the family scenario. This was a methodological research study, focused on the development of instruments for data collection, in order to improve the reliability and validity of a tool,<sup>9</sup> developed with the clients from the network of primary care services in the City of San Jose dos Pinhais, located in the State of Parana, Brazil. The project was analyzed and approved by the Research Ethics Committee, under protocol No. 00898212.6.0000.5392.

## Creation and validation of the first version of the instrument

The results obtained by Okabe,<sup>10</sup> were used for creating the instrument, based on the evaluation of indicators of (in)equality in the family, by Goldani,<sup>11</sup> which found daily practices and representations of gender subordination in the family (Table 1).

**Table 1.** Indicators of gender subordination in the family, in accordance with specific areas of production and social reproduction

Areas	Indicators
Internal production or reproduction sphere	Responsibility for domestic tasks
	Responsibility for child care
	Expectations regarding the life of the children
External production or paid work sphere	Responsibility for family support
	Importance and meaning attributed by women to professional life
	Reconciling family and work
	Reorganization in the face of the marital status and the fact of having child
Social networks and family support	Family support
	Man-woman relationship
	Meaning of wedding (formal and informal)
	Meaning of divorce
	Meaning of the divorced person
	Meaning of celibacy
Decision-making power	Meaning of the family
	Meaning of infidelity
	Decision on the use of one's own time and expenses
	Decision-making power on the education of children
	Decision-making power over household expenses

Source: adapted from Goldani<sup>11</sup>

From the reports of women who experienced situations of domestic violence, interviewed by Okabe,<sup>10</sup> one or more thematic phrases were selected that could indicate the reiteration of the current hegemonic conception of gender subordination, or to overcome this concept. A questionnaire was developed on gender subordination in the family, with 61 phrases, comprising most of the indicators, and was evaluated by ten judges. Those judges were considered qualified to analyze the content, presentation, clarity and instrument comprehension in order to validate it. The questions contained in the instrument were evaluated by the judges and considered representative of the content of the domain to be measured. Content validity refers to the domain of a construct or universe that provides the basis for the formulation of questions fairly representing the content.<sup>12,13</sup> For this research, the judges were chosen by convenience, taking into account the following criteria: professor in public or women's health, researcher in the area, or nurse providing care for women. The material was sent by email

to the judges, asking for their opinion on: 1) whether the indicator phrase was illustrative of what it was supposed to mean, and if the reality experienced by a woman was explicitly described; 2) presentation, clarity and understanding of the phrase. There were 34 phrases in which the agreement between the judges was more than 80%, and thus were considered validated.

### Preparation and validation of the second instrument

After validation by the judges, a second instrument was prepared to be tested with the women, to verify the relationship between gender subordination in the family and the occurrence of domestic violence, and it consisted of three parts: 1) identification of the respondents; 2) questionnaire for identifying the vulnerability for domestic violence due to gender subordination; 3) questionnaire about experience of situations of violence (validated Portuguese language version of the Abuse Assessment Screen – AAS).<sup>14</sup> The responses on vulnerability to domestic violence by

gender subordination were recorded on a Likert scale, ranging from 1 to 4. Before responding, the women received the following guidance: "Answer: 1 - If this never happens to you, it has nothing to do with your life or with your thinking; 2 - It happens very rarely, is a little like what happens to you or with your thinking; 3 - It happens on a regular basis, or is very similar to what happens to you or with your thinking; 4 - It always happens, very often, or it is exactly what happens to you or with your thinking." After pilot testing, and based on the estimate of the population average, the sample of at least 320 women was established. Data collection occurred in the Health Care Units of São José dos Pinhais, Paraná, Brazil, during the waiting interval for care, in a room reserved for this purpose. At the time, the county was divided into five health districts, and the number of women interviewed in each Regional Health District was proportional to the size of the resident population in the area. The inclusion criteria were: 18 years or older, living in an affective relationship or having this experience at least once in their lives, having children, seeking the health service for any reason, agreeing to participate in the study, and signing the Terms of Free and Informed Consent.

### Compilation of data and statistical validation

Data were tabulated in the Microsoft Excel® spreadsheet program for Windows, version 7, and transferred into the Statistical Package for Social Sciences (SPSS), version 22. Through exploratory analysis, omissions, extreme cases and distribution of variables were found. Removing the omitted and extreme cases, the sample was reduced from 323 to 321 women. Subsequently, the factor analysis (FA) was performed, identifying the separate dimensions of the structure and determining the extent to which each variable explained each dimension, thus achieving the two main uses of FA, abstract and data reduction. Factor analysis was used, as it assists with the selection of a representative subset of variables, or even the development of new variables to replace the original, retaining its original condition. In summary, FA is an interdependent technique in

which all variables are considered simultaneously, each variable related to all others, even by employing the concept of the statistical variable, linear composition variables. In FA, the statistical variables (factors) are formed to maximize the power of the whole explanation.<sup>15</sup> The internal consistency was verified using the Kaiser-Meyer-Olkin (KMO) analysis.

### Preparation of the final instrument

After statistical analysis, 25 phrases were confirmed, corresponding to 15 indicators of gender subordination in the family, able to capture the vulnerability to gender violence within the family environment.

### Results

The data relating to the identification of clients showed a mean age of 39 years old, married or living with a partner in a stable union, Christian beliefs, a mean of two children, elementary school education, working in activities related to care of the homes or business premises, as housekeepers, daily workers, maids, general service assistants, or worked in the commercial sector (shop assistants, cashiers, saleswomen), although a large part did not have remunerated activity. Most (57.9%) recognized suffering some kind of physical or psychological violence, at least once in their lifetime, and most mentioned the aggressors were their husbands or boyfriends (31.5%), ex-husbands or ex-boyfriends (24.1%), or others (8.0%).

### Statistical validation

All instrument items showed a non-normal distribution ( $p > 0.05$ ), verified by means of the Kolmogorov-Smirnov and Shapiro-Wilke tests. However, component analysis is robust for this type of violation of assumption. The KMO analysis of 0.85 showed that the matrix had high factorability. The K1 analysis (eigenvalue equal to or greater than one) suggested the existence of up to nine components, yet the parallel analysis, calculated by the Monte Carlo PCA software, indicated the

existence of, at the most, four components and the segmentation diagram indicated the presence of up to three components.

Principal Axis Factoring (PAF) analysis of the instrument was performed for extraction of two, three and four factors, to compare the results with Oblimin rotation, Kaiser normalization and exposure of factor loadings above 0.3. The analysis of internal consistency of items, for the extraction of both four factors as well as three factors, indicated that only the first two factors had a satisfactory Cronbach's alpha (values above 0.8). The Cronbach's alpha value demonstrates the internal consistency of the item. The closer the value is to 1, the higher the internal consistency of what is being evaluated.<sup>16</sup> In Factor 1, phrases that reinforced the subordination remained (13 of 16), and they related to home maintenance and the family structure in the areas of household and external production, corresponding to the indicators: reconciling family and professional life; professional reorganization post-wedding or birth of children; power of decision over the household expenses, using personal time and expenses, children's education; responsibility for the family support, housekeeping and children. In Factor 2, phrases that gave the idea of overcoming subordination were grouped (seven of nine) and connected to the marital relationship: meaning of marriage, widowhood, infidelity, divorce and divorced person. Among the nine phrases that did not fit into either of the two factors, seven represented overcoming subordination. Five of the nine phrases that did not fit in either of the factors were related to the social network and family support (Table 2).

Based on these scores, the results of the factor scores were analyzed from the disaggregated instrument for responses from the Abuse Assessment Screen (AAS).<sup>14</sup> Separating the respondent according to the answer to the first question of the AAS, "Have you ever been emotionally or physically abused by your partner or someone important to you?", the highest means were linked to the group that reported suffering violence at least once in life. In Factor

1, the group saying that it had never experienced violence was 1.70, while the mean of the group that reported having suffered violence, increased to 2.31. There was also a difference in the mean of Factor 2 (3.12 for the group that said no, and 3.45 for the group that answered yes), which is reflected in the mean of the general factor (2.72 for the group that answered yes; 2.22 for the group said no).

For the group of women who suffered physical abuse in the last twelve months, the mean of Factor 1 was higher (2.63 for those who answered yes, and 2.01 for those who answered no), but the mean for Factor 2 was lower (3.26 for the group that answered yes, and 3.32 for the group that said no). The sample was separated between those that answered yes or no to the question "In the last year (12 months), did someone force you to have sexual activities or relations?" In the group of women who answered yes, the mean for Factor 1 was 3.14, and for Factor 2 was 3.49, while for women who reported not having suffered sexual violence, the means for Factor 1 and Factor 2 were 2.03 and 3.31, respectively.

Grouping the respondents among those answered yes or no to the question: "Are you afraid of your partner or someone listed above?" (the list included the husband, ex-husband, boyfriend, stranger, others) the mean of factors 1 and 2 were 2.60 and 3.58, respectively, for those who answered yes and 1.94 and 3.26, respectively, for those that responded no. Considering that the mean values of Factor 1 - composed of phrases illustrating the daily situations that reinforce gender subordination in the family - were always higher for the group that answered yes - who had experienced some type of violence - it enables us to relate gender subordination to domestic violence against women.

In Factor 2, composed of phrases referring to overcoming subordination, the mean of women who reported having experienced violence are also higher (with one exception, the group of those who had suffered aggression in the last twelve months). However, phrases included in Factor 2

**Table 2.** Phrases analyzed and separated by factors

<b>FACTOR 1.</b> Phrases related to home maintenance and the family structure (the majority reinforces gender subordination in the family)
1. In my house it is all me. Bed to make, dishes to wash, clothes for washing and ironing, home to sweep ... It is very stressful to be tired from work and see all that mess.
2. Women working day and night. Sometimes waiting for the children to sleep to keep doing things, and even realize you are working nonstop.
3. Taking care of the children is always for the mother. I think its mother nature charging more, expecting more.
4. He says he did not order me to get pregnant. As if I had made the child by myself. I know he will not help in her education, but he needs at least to honor the financial commitment.
5. Even being unemployed, my husband does not take care of the kids for me to work. So when I am working, I have a guilty conscience.
6. Coordinating family and work is difficult. Sometimes we have to be divided into three to be a good mother, good housewife, and still work outside the home.
7. My professional life changed completely after I got married. When we are single, have more freedom, it looks good. After marriage you don't have courage to look for a job, you only think about the children. I could be earning well, but then we get married and have children, everything is more difficult. Sometimes I think it's better to stop working.
8. Marriage is good as long as you find a good person. I did not find a person who thinks like me.
9. Sometimes the divorce is welcome, but it is that thing: a separation is forever! Keeping going back and forth is downright shameless. Or you agree that will be separated, or stay the way you are.
10. Infidelity has no forgiveness. Because if the woman is good she has no reason to betray the man, and if the woman is bad, he asks for a divorce. The woman is the same. Both the one side as the other has no forgiveness.
11. In my life, I have no freedom for anything. For me, every day is the same. Before I used to have more contact with my friends. Today the most that I do is go into the house of a relative.
12. In the free time I take care of the house. If I go out, it is for paying some bill or something like that. I have no freedom to go out with a friend. I think I'll never have it.
13. The children do not obey their father because he has no good examples to give. Or he is drunk or drugged and fighting with everyone.
14. I have no freedom to take care of household bills because when he wants to command he takes the money. When I want something to buy, I have to hide it, even if it is with my money.
15. I pay for all the household expenses', including his, because when he works all the money goes to his addiction (alcohol, drugs).
<b>FACTOR 2.</b> Issues intrinsic to the relationship between the couple - meaning of the wedding, widowhood, infidelity, divorce and divorced person - (majority gives idea of overcoming gender subordination in the family)
16. I work outside because I got tired of asking for money and hearing, "but I have already given you so much such a day." So that's my money and I know how I will spend it.
17. Today I am the head of household. If I do not work, things do not go. Maybe before was different and the family head was the man, but we cannot turn back.
18. I put my younger son in the nursery and went to work, because if I did not, I would have lost custody of the children.
19. In marriage, in the first place there must be a feeling between both people, and then respect. If these two things are not there, married or not, it is not useful to stay together.
20. For me, divorce was liberation, but it's sad; because when there is a union between the fathers with the children, the children suffer from separation.
21. Sometimes you marry thinking that the person is in one way, but in fact she is different. And it can happen with both the husband and the woman ... Divorce is a way to solve this problem.
22. After the divorce or separation, one has to leave for another thing. Each one has to do what he desires, without interfering or harming the other.
23. You cannot live for appearances. So I think that it is normal to be happy again after a separation or divorce.
24. Who thinks that being a separated woman is not good, does not know what she went through until she was separated?
25. In widowhood, when love is great we get sad, but you have to live life because the companion's time arrived, but not yours.

were more subjective and described the opinion of women on certain issues (*You cannot live for appearances...; Infidelity has no forgiveness ...; In widowhood when love was great we get sad...*). Thus, by agreeing to these phrases, it is possible to understand that the respondents recognized that subordination needed to be defeated, but it had not yet happened.

The final product of the elaboration and validation process of the questionnaire for identifying vulnerability to domestic violence by gender subordination in the family is a tool of phrases separated in two groups: Group 1 - phrases that indicate gender subordination, and group 2 - items that demonstrate the overcoming of subordination (Table 3).

**Table 3.** Questionnaire for identifying vulnerability to domestic violence by gender subordination in the family

<b>Group 1</b>	
<b>Items</b>	<b>Agreement level</b>
1. In my house is all me. Bed to make, dishes to wash, clothes for washing and ironing, home to sweep ... It is very stressful to get tired from work and see all that mess.	1 2 3 4
2. Women working day and night. Sometimes waiting for the children to sleep to keep doing things and even realize you are working nonstop.	1 2 3 4
3. Taking care of the children is always to the mother. I think it's mother nature charging more, expecting more.	1 2 3 4
4. He says he did not order me to get pregnant. As if I had made the child by myself. I know it will not help in her education, but he needs at least to honor with the financial commitment.	1 2 3 4
5. Even being unemployed, my husband does not take care of the kids for me to work. So when I am working, I get a guilty conscience..	1 2 3 4
6. Conciliating family and work is difficult. Sometimes we have to be divided into three to be a good mother, good housewife and still work outside the home.	1 2 3 4
7. My professional life has changed completely after I got married. When we are single, have more freedom, it looks good. After marriage you don't have courage to look for a job, only think about the children. I could be earning well, but then we get married and have children everything is more difficult. Sometimes I think it's better to stop working.	1 2 3 4
8. Marriage is good as long as you find a good person. I did not find a person who thinks like me.	1 2 3 4
9. Sometimes the divorce is welcome, but it is that thing: separated is forever! Getting back and forth is shamelessness. Or you agree that will be separated, or stay the way you are.	1 2 3 4
10. Infidelity has no forgiveness. Because if the woman is good has no reason to betray the man and if the woman is bad, asks for divorce. The woman is the same. Both the one side as the other has no forgiveness.	1 2 3 4
11. In my life, I have no freedom for anything. For me, every day is the same. Before I used to have more contact with my friends. Today the most that I do is going into the house of a relative..	1 2 3 4
12. In the free time I take care of the house. If I go out is for paying some bill or something like that. I have no freedom to go out with a friend. I think I'll never have it..	1 2 3 4
13. The children do not obey their father because he has no good examples to give. Or he is drunk or drugged and fighting with everyone.	1 2 3 4
14. N I have no freedom to take care of household bills because when he takes the money wants to command. When I want something I have to buy hidden, even if it is with my money.	1 2 3 4
15. I pay for all the household expenses', including his, because when he works all the money goes to addiction (alcohol, drugs).	1 2 3 4
<i>Mean of the results</i>	

**Table 3.** Questionnaire for identifying vulnerability to domestic violence by gender subordination in the family (cont.)

Items	Group 2	Agreement level
16. I work outside because I got tired from asking for money and listening “but I have already given you so much such a day.” So that’s my money and I know how I will spend it.		1 2 3 4
17. Today I am the head of household. If I do not work, things do not go. Maybe before was different and the family head was the man, but we cannot turn back.		1 2 3 4
18. I put my younger son in the nursery and went to work, because if I did not, I would have lost custody of the children.		1 2 3 4
19. In marriage, in the first place there must be a feeling between both and then respect. If there are these two things, married or not, it is not useful to stay together.		1 2 3 4
20. For me, the divorce was the liberation, but it’s sad; because when there is a union between the fathers with the children, the children suffer from separation.		1 2 3 4
21. Sometimes you marry thinking that the person is in one way, but in fact she is different. And it can happen with both the husband and the woman ... Divorce is a way to solve this problem.		1 2 3 4
22. After the divorce or separation, one has to leave for another thing. Each one has to do what desires, without interfering or harming the other		1 2 3 4
23. You cannot live by appearance. So I think that it is normal to be happy again after a separation or divorce.		1 2 3 4
24. Who thinks that separate woman is not good, does not know what she went through until be separated.		1 2 3 4
25. In widowhood, when love is great we get sad, but you have to live the life because the time companion arrived, but not yours.		1 2 3 4
<i>Mean of the results</i>		

## Discussion

Although gender studies seek to expand and diversify the knowledge about the relationship between men and women, indicating how the process of social determination has resulted in inequality of power, research into databases did not show any study proving the relationship between gender subordination and the occurrence of domestic violence. The findings of this study show that women assumed roles that were previously regarded as masculine (I pay for all the household expenses, including his ...), but the reverse is not yet reciprocal (Even being unemployed, my husband does not take care of the kids for me to work). This reinforces that gender subordination is intrinsically linked to vulnerability to domestic violence and shows that women who suffer domestic violence, even while they recognized the need to break with the gender subordination, cannot.

Violence is not a personality trait related to the male or female sex, nor do genetic characteristics

determine that men are more violent and women more fragile and submissive, and therefore, subordinate. What this study supports is that the violent, streak will conform with the gender construction, which in turn is linked to the way of living and surviving in each society and, the social implementation of gender has reserved a role of subordination for women, leaving them more vulnerable to domestic violence. The state has based its norms and interventions in healthcare, to maintain the workforce, reducing the health needs to what is expressed in terms of physical deterioration, at the biological level, which reinforces the non-awareness of the individuals to the determinants of the health-disease to which they are exposed.<sup>17</sup> Health professionals need to develop techniques for approach beyond the care for injuries, to give appropriate responses to situations of gender violence. It is necessary to look at gender violence in the context of the collective plan, structured in an ethical-philosophical framework that seeks the critical interpretation of data, basing on the gender

category and distancing the analysis of violence against women from those models that restrict individual responsibility to causality. Only then will the health practices will constitute strategies to facilitate awareness and empowerment of women, to rebuild relationships based on gender equality, overcoming subordination.<sup>18</sup>

## Conclusion

The development and validation of a questionnaire for identifying vulnerability for domestic violence by gender subordination in the family showed that it is possible to identify women vulnerable to domestic violence through gender subordination indicators; however, there was no time to enable the multidisciplinary team to use the instrument. More research is needed relating gender subordination to domestic violence against women. Further studies may explore the education of health workers, especially the nurses, for using this questionnaire in primary care services, to check whether the use of the instrument is useful for the planning of individual or collective interventions.

## References

1. McCauley J, Kern DE, Kolodner K, Dill L, Schroeder AF, DeChant HK, et al. The "Battering Syndrome": prevalence and clinical characteristics of domestic violence in primary care internal medicine practices. *Ann. Intern. Med.* 1995; 123(10):737-46.
2. Organización Panamericana de la Salud (OPS). Resolución XIX. Violencia y salud:. Washington D.C.:OPAS; 1994.
3. Schraiber LB, D'Oliveira AFPL, Couto MT, Hanada H, Kiss LB, Durand JG, et al. Violence against women attending public health services in the metropolitan area of São Paulo, Brazil. *Rev. Saúde Pública.* 2007; 41(3):359-67.
4. Bertolozzi MR, Nichiata LY, Takahashi RF, Ciosak SI, Hino P, Vla LF et al. The vulnerability and the compliance in the collective health. *Rev. Esc. Enferm – USP.* 2009; 43 (N esp 2):1326-30.
5. Oliveira RNG; Fonseca RMGS. Discussions on research lines in the National Nursing Research Seminars, 1979-2011. *Rev. Bras. Enferm.* 2013; 66(esp): 66-75.
6. Minayo MCS. *Violência e Saúde.* Rio de Janeiro: Ed. Fiocruz; 2006.
7. Ministério da Saúde (BR), Secretaria de Atenção à Saúde. Departamento de Ações Programáticas Estratégicas. Área Técnica de Saúde da Mulher. *Prevenção e Tratamento dos Agravos Resultantes da Violência Sexual contra Mulheres e Adolescentes: norma técnica.* 2ª ed. Brasília (DF): Ministério da Saúde; 2005.
8. Brasil. Ministério do Planejamento, Orçamento e Gestão, Instituto Brasileiro de Geografia e Estatística. *Pesquisa Nacional por Amostra de Domicílios: síntese de indicadores 2011.* Brasília; 2011.
9. Polit DF, Beck CT, Hungler BP. *Fundamentos da Pesquisa em enfermagem: métodos, avaliação e utilização.* 5ª ed. Porto Alegre: Artes Médicas; 2004.
10. Okabe I. *Violência contra a mulher: uma proposta de indicadores de subalternidade de gênero na família [Dissertation].* São Paulo: Escola de Enfermagem, Universidade de São Paulo; 2010.
11. Goldani AM. *Famílias e gêneros: uma proposta para avaliar (des)igualdades.* In: Algranti LM organizadora. *A prática feminista e conceito de gênero.* Campinas: Unicamp; 2002. P. 43-62.
12. Hino P, Ciosak SI, Fonseca RMGS, Egry EY. *Necessidades em saúde e atenção básica: validação de instrumentos de captação.* *Rev. Esc. Enferm. USP.* 2009; 43 (esp. 2):1156-67.
13. Lobiondo-Wood G, Haber J. *Pesquisa em enfermagem.* Rio de Janeiro: Guanabara-Koogan; 2001. P:186-99.
14. Reichenheim ME, Moraes CL, Hasselmann MH. *Semantic equivalence of the portuguese version of the Abuse Assessment Screen tool used for the screening of violence against pregnant women.* *Rev. Saúde Pública.* 2000; 34 (6):610-6.
15. Costa GGO. *Um procedimento inferencial para análise fatorial utilizando as técnicas Bootstrap e Jackknife: construção de intervalos de confiança e testes de hipóteses [Dissertation].* Rio de Janeiro: Pontifícia Universidade Católica, Departamento de Engenharia Elétrica; 2006.
16. Maroco J, Garcia-Marques T. *Qual a fiabilidade do Alfa de Cronbach? Questões antigas soluções modernas?* *Laboratório de Psicologia.* 2006; 4 (1):65-90.
17. Stotz EN. *Necessidades de saúde: mediações de um conceito.* Rio de Janeiro: Escola Nacional de Saúde Pública; 1991.
18. Piosiadlo LCM, Fonseca RMGS, Gessner R. *Subordination of gender: reflecting on the vulnerability to domestic violence against women.* *Esc. Anna Nery.* 2014; 18(4):728-33.