**ORIGINAL ARTICLE**

MOTHER'S EXPRESSIVENESSAND BEHAVIORAL PROBLEMS IN PRESCHOOL CHILDREN

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## ABSTRACT

**OBJECTIVE**

The objective of the study was to examine the relationship between mother's expressiveness and child's behavioral problems i.e. conduct problems, emotional problems, hyperactivity and peer problems.

## STUDY DESIGN

Crosssectional

## PLACE AND DURATION OF THE STUDY

The study was conducted from January 2015 to August,2015 in different schools of Lahore city.

## SUBJECTS AND METHOD

One hundred and four (104) mothers were recruited in the study from five private schools of Lahore, Pakistan. The Modified version of Self-Expressive-ness in the Family Questionnaire and Strengths and DifficultiesQuestionnaire were used for assess-ment.

## RESULTS

Results were generated using Pearson Product Moment Correlation and hierarchal regression. Results showed that there was a positive relationship between negative expressiveness of mother and behavior problems i.e. emotional problems and conduct problems and hyperactivity in children.It was further revealed that mother's negative expressive­ ness is likely to predict behavior problemsin children. Lastly, it was revealed that girls showed more emotional problems than boys.

## CONCLUSION

Negative expressiveness of mother was signi-ficantly associated with behavior problems. The findings implied important role in improving parent-child relationship and to address child's personality development.

## KEYWORDS

Expressiveness, Behavioral development, Pre-school children

## INTRODUCTION

Expressiveness is an important aspect of parenting behaviors and it largely affects child's behaviors.'" Expressiveness has been stated as "a persistent style or a pattern of exhibiting nonverbal and verbal expressions that often but not always appear to be emotion related and it is considered an important part of emotional communication with children".' Further, Halberstadt et al. (1995) described positive expressiveness as "openness and sensitivity towards a child

e.g. being appreciative, empathic, loving and concerned" while negative expressiveness was described as anger and contempt towards the child.'

Various behavior problems have been observed in childhood. In the present study, behavior problems i.e. conduct problems, attention, peer relationships and emotional problems were the focus of attention. Patterson, Reid and Dishion (1992) suggested aninteractional model which paysmost attention on the environment of home in developing conduct problems.' The other important feature that develops in preschoolers is attention. During the preschool period the ability to pay attention significantly improves.' The common problem related to attention that occurs during preschool period is hyperactivity. Oneother important development that occurs in preschoolers is the development of peer relationships.At thisstage,parents play animportant role in the success of a child's relationship with peers. Parents affect such relations through their direct interactions with their children, how they manage their children's lives, and the opportunities they provide their children.'Childhood isalsoassociated withgrowing awareness,understanding and regulation of emotions. Children learn through their interactions with parents and employ this understanding in their own interactions with peers.'

So, attachment theory explains that children with parents who are warm, sensitive and positively responsive will develop positive relationships and they will see world as safe place which are important for the social, emotional and behavioral development of a child.' While, social learning theory (Bandura, 1986) says that behaviors are learned and modified through social processes during interactions with others." Thus, the present study explored the relationship between mother's expressiveness and behavior problems in pre­ school children. It also explored the whether mother's expressiveness predicted the behavior problems or not. The study has following hypotheses;

H1: There would be a positive relationship between mother's negative expressiveness and child's behavioral problems i.e. conduct problems, emotional problems hyperactivity andpeer problems.

H2:Negative expressivenesswould predict child'sbehavioralproblems.

H3: Boys would be more likely to show behavioral problems i.e. conduct problems, emotional problems, hyperactivity andpeer problems than girls.

### SUBJECTS AND METHODS

#### Participants

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**Table** I

Correlation among the Study Variables and Demographics (N=i04)

Sample comprised of mothers (N=104) of children with age range of 4- 6 years. Mothers were recruited from schools by employing purposive sampling. Both working and non-working mothers were included. Children with step mothers were excluded. Data was collected from five schools of Lahore.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.** | **Variables** |  |  | **3** | **4** | **s** | **6** | 7 | ***M*** | ***SD*** |
|  | Positive |  | .37•• | -.19 | -.16 | ·.14 | ·.08 | -.18 | 3.23 | .50 |
|  | Negative |  |  | .33\*\* | .49\*\* | .32\*\* | -.15 | .46\*\* | 2.01 | .54 |
|  | EP |  |  |  | .37\*\* | .32\*\* | .22• | .44\*\* | 34.71 | 20.78 |
| 4 | Conduct |  |  |  |  | .35\*\* | .16 \_ | 73•• | 21.78 | 12.84 |
|  | Hyper |  |  |  |  |  | .15 | .73\*\* | 12.93 | 12.48 |
| 6 | Peer |  |  |  |  |  |  | .62\*\* |  |  |
|  | BP |  |  |  |  |  |  |  | 32.45 | 14.50 |

**Instruments**

# *The Modified Version of Self-Expressiveness in the Family* Questionnaire.

Expressivenessof mother was assessed by The Modified Version Self­ Expressiveness in the Family Questionnaire." In the present study, Self-Expressiveness in the Family Questionnaire was translated into Urdu language. The scale was translated following the Linguitic Validtaion methodology by MAPI." The chronbach alphareliability of translated version was good for bothpositive (.80) andnegative (.76).

# *Strengthsand Difficulties Questionnaire (SDQJ.*

The Strengthsand DifficultiesQuestionnaire (SDQ) in UrduLanguage was used in the present study.1' Originally the scale consists of 5 subscales i.e. emotional problems, conduct problems, hyperactivity, peer problems and prosocial behavior. In the present study conduct problems, hyperactivity, emotional problems and peer problems subscales were used. The Chronbach Alpha reliability of the subscales was good for conduct problems (.74) and hyperactivity (.70).

#### Procedure

For the research study, the permission to use the scales was obtained from respective authors.After permission from authors the next step was the approval of the study from the concerned department. For collection of data,permission letters were issued from the Institute of Applied Psychology. Schools were selected for data collection and permission was obtained from the school authorities. After that, mothers of children between the age ranges of 4 to 6 years were approached through schools when they came to pick their children at off time and questionnaire were given to them with informed consent. Ethical considerations were strictly followed. After data collection, statistical analysis was done to obtain results.

### RESULTS

The study was conducted to examine the relationship between mother expressivenessand behavior problems in preschool children. Data analysis involved performing; (i) Descriptive statistics (ii) Correlation analysis (iii) hierarchal multiple regression. Firstly, it was hypothesized thatthere islikely to be apositiverelationship between mother's negative expressiveness and child's behavior problems. Table 1 showed that negative expressiveness of mother positively correlated with behavior problems, emotional problems, conduct problems and hyperactivity in preschool children. Please add here the correlation values of strongly correlating.

*Nore. \*.p* < *.05: \*\*.p< .01; \*\*\*.p<.001; BP= Behavior problems; EP= Emotional problems: Conduct= Conduct problems; Hyper= Hyperactivi(vl inattention; Peer= Peer problems: Posilive= Positive expressiveness; N egative= Negative expressiveness; education=education of mother*

Further, it was hypothesized that negative expressiveness is likely to predict behavior problems in preschool children. Table 2 indicated that negative expressiveness of mother was positively predicting behavior problemsin children. Step 1 explained 12% of the variance in behavior problems and the model is not significant as F (8, 95)

=1.65 p >.05. Model 2 explained 15% of variance in behavior

problems and model issignificant as F (10, 93) = 3.55 p <.05. So, this hypothesis was also proved. It was also revealed that negative expressivenessis likely to predict emotional problems as F (10, 93) =

2.61p <.01andconduct problemsasF(10,93) = 4.11p <.01.

**Table 2**

Hierarchical Regression Analysis showing Predictors of Behavior Problems, Conduct Problems, Hyperactivity, Peer Problems and Emotional Problems (N=I04)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Predicton** | **Behavior Conduct Hyper Peer Emotional Problems Problem activity Problems Problems** | | | | | |
|  | *l!.R'* | *B l!.R'* | *p l!.R'* | *B l!.R'* | *p l!.R'* | *B* |
| **Step** I .12 | | .13 | .06 | .08 | .14 |  |
| Mother's  Education | | -.18\* | -.19 | -.06 | -.12 | -.23 |
| Mother's Work  Status | | -.13 | -14 | -07 | -08 | -.12• |
| Mother's Marital Status | | .09 | .09 | .13 | .03 | .08 |
| Child's Birth Order | | .16 | .22• | .08 | .01 | .04 |
| Child's Age | | -.11 | -1.32 | -.03 | -.07 | -.13 |
| Child's Gender | | -.oo | .13 | -.12 | ·.01 | .28\* |
| Family System | | .03 | .03 | ·.00 | .02 | .09 |
| Total Children | | .16 | -.04 | .06 | .25\* | .II |
| **Step 2** .15 | | .18 | .09 | .01 | .08 |  |
| Positive | | -.03 | .05 | -.05 | -.01 | -.13 |
| Negative | | \_43••· | .47•0 | .31\*\* | . II | .23\* |
| *Total R1* .2s•• | | JI\*\*\* | .15 | .09 |  | .22•• |

Lastly,it was hypothesized that boysaremorelikely to show behavior problems i.e. emotional problems, conduct problems, peer problems, hyperactivity as compared to boys. Table 3 showed



significant gender differences in emotional problems in pre-school children. Girls showed more emotional problems as compared to boys. So, the hypothesis was approved partially. No gender differences were appriciated in over all behavioral problems, Conduct problems, Hyperactivity/inattention,andPeer problems.

**Table 3**

Independent Sample t Test indicating Gender differences (N=I04)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Girls  (n=56) | | Boys  (n=48) | |  | | 95%CL | | |
| **Variables** | **M** | **SD** | **M** | **SD** | **1(102)** | **p** | **LL** | **UL** | **Cohen'sd** |
| /IBP | 52.86 | 29.93 | 55.20 | 20.76 | .46 | .65 | -7.83 | 12.53 | 0.09 |
| **Emotional** | 18.39 | 13.15 | 13.02 | 11.38 | -2.21 | .03 | -10.20 | -.55 | 0.44 |
| **Conduct** | 13.66 | 14.19 | 12.08 | 10.20 | -.66 | .51 | ·6.34 | 3.18 | 0.13 |
| Hyper | 20.09 | 13.96 | 23.75 | 11.23 | 1.46 | .15 | -1.32 | 8.64 | 0.29 |
| **Peer** | 19.11 | 13.18 | 19.38 | 11.04 | .II | .91 | '4.50 | 5.04 | 0.02 |

*Note. Cl* = *Co11fide11ce /11terval; LL= Lower Limit; UL* = *Upper Limit. M= Mean; SD=Sta11dard Deviation; \*p<.05; BP= Behavior problems;* ***Emotional= E111otio11al problems; Conduct= Conduct problems; Hyper= Hyperactivity/inattention; Peer= Peer problems***

### DISCUSSION

The present study was conducted to explore mother's expressiveness and behavior problems in preschool children. The first hypothesis which stated that there is likely to be a positive relationship between negative expressiveness of mother and behavior problems, emotional problems, conduct problems, hyperactivity and peer problems in children was supported in present study except for peer problems.It can be correlated with the precious researches as Eisenberg et al. (1998) showed that negative expressivity is associated with behavior problems, lower levels of emotional knowledge and more emotional problems in children.' Further, researches showed that harsh parental behaviors and expressiveness are associated with the development of conduct problems in childhood."" When a mother is expressing negative emotions towardsherchild,achild usually learns to express negative behaviors and deals with this by overt behaviors i.e. fighting or covert i.e.lying,stealing.

The second hypothesis, which stated that negative expressiveness is likely to predict behavioral problems in children, wasalso supported. Result showed that negative expressiveness of mother positively predicted behavioral problems in preschool children. Consistent with the previous research", the present study indicated that negativity by a caregiver predicted more behavioral problems in children.

Lastly it was hypothesized that boys are more likely to show behavioral problems i.e. emotional problems, conduct problems, peer problems, hyperactivity as compared with girls was not supported. Present study showed no gender differences in over all behavioral problems and most of its components; onlyone component showed gender differences, girls showed more emotional problems. Slesnick (2004) suggested that girls showed more emotional problems i.e. anxiety while boys showed more conduct problems." So, the role of mother's emotions in the appropriate development of achildcannot beignored.

### CONCLUSION

Negative expressiveness of mother positively correlates with emotional problems, conduct problems and hyperactivity of children. It also significantly predicts emotional problems, conduct problems in children. Girls showed more emotional problems than boys.

### LIMITATIONS AND SUGGESTIONS

* To increase the reliability and validity of the study, children behaviors should also be reported by fathers or teachers. Observational studies should also be used.
* Other parenting behaviors with mother's expressiveness should also be explored in relation to behavioral development in children.

### REFERENCES

1. Eisenberg N,Cumberland A,Spinrad TL.Parental socialization of emotion.Psychological Inquiry.1998;9(4): 241-273
2. Green 5, Baker B. Parents' emotion expression as a predictor of child's social competence: children with or without intellectual disability. Journal of Intellectual Disability Research. 2011;55(3):324-338.
3. Belsky J. The determinants of parents: a process model. Child

Development. 1984;55(1): 83-96.

1. Halberstadt AG, Parke RD, Cassidy J, Stifter CA. Fox, NA. Self­ Expressiveness within the Family Context: Psychometric Support for a New Measure. Psychological Assessment. 1995;7(1):93-103.
2. Patterson GR, Reid JB, Dishion TJ. Antisocial boys. Castalia Pub

Co;1992.

1. Posner Ml, Rothbart MK. Research on attention networks as a model for the integration of psychological science. Annu. Rev. Psychol..2007 Jan 10;58:1-23.
2. Santrock JW. The science of life-span development. Guildford Press; 2011
3. Shaffer D. Social and personality development. Nelson Education; 2008Sep 19.
4. Anderson V, Beauchamp MH, editors. Developmental social neuroscience and childhood brain insult: Theory and practice. Guilford Press;2012Jun 1.
5. Bandura A. Social foundations of thought and action: A social cognitive theory.Prentice Hall; 1986
6. Mizokawa A. Relationships between maternal emotional expressiveness and children's sensitivity to teacher criticism. Frontiers in Psychology.2013;4
7. Acquadro C,Conway K, Giroudet C,Mear I. Linguistic validation

manual for patient-reported outcomes (PRO) instruments. Lyon:MAPI ResearchTrust;2004.

1. Youthinmind. Strengths and Difficulties Questionnaire (Internet]. sdqinfo.org. 1998 (cited 19 January 201SJ. Available from: [http://www.sdqinfo.org/py/sdqinfo/b3.py?1anguage=](http://www.sdqinfo.org/py/sdqinfo/b3.py?1anguage)

Urdu

1. Johnston C, Jonathan SJ. Attention-deficit/hyperactivity disorder and oppositional/conduct problems: Links to parent­ child interactions. J Can Acad Child Adolesc Psychiatry. 2007 May2;16(2):75.





1. Wang MT, Kenny S. Longitudinal links between fathers' and mothers' harsh verbal discipline and adolescents' conduct problems and depressive symptoms. Child development. 2014 May 1;85(3):908-23.

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1. McCoy DC, Raver CC. Caregiver emotional expressiveness, child emotion regulation, and child behavior problems among head

startfamilies.SocialDevelopment. 2011Nov1;20(4):741-61.

1. Slesnick N. Our runaway and homeless youth: A guide to understanding.Greenwood Publishing Group;2004.