Awareness of Mainstream Primary School Teachers on the ADHD Symptoms in Punjab

Shaheen Pasha, a Maimona Ijaz, b Muhammad Ahmed Qadri c

a Chairperson, Department of Special Education, University of Education, Lahore, Pakistan
Email: drshaheen.pasha@ue.edu.pk

b Visiting Faculty Member, Department of Special Education, University of Education, Lahore, Pakistan
Email: fnm.international@gmail.com

c Former Dean Faculty of Arts and Social Sciences, University of Karachi, Pakistan
Email: Prof.qadri@gmail.com

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ABSTRACT

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Corresponding author’s email address: Email: drshaheen.pasha@ue.edu.pk

1. Introduction

ADHD is among the most prevalent neurological disorders in children having symptoms of lack of interest (not focused), impulsivity (extra activity not appropriate for the environment), and emotional instability. ADHD is frequently detected for the first time in school children due to classroom disruptions or homework issues. ADHD is more common in school when teacher experiences these key
symptoms related to behavioral issues in school for example children who do not follow the orders of a teacher, disturb classroom activities, play around their seats and social interaction problems with their peers (Drechsler et al., 2020). ADHD is diagnosed clinically by parent’s observation in early childhood development and school by the teachers at the age of 5. Globally 3 to 5 percent of children and adults are affected with ADH and more or less present in every classroom. This may result in delayed intervention through the lack of awareness among primary school teachers. (Alfageer et al., 2018).

A Child with an attention deficit or hyperactivity faces numerous social and academic challenges. It can be tough to get along with your classmates and colleagues. They find it difficult to pay attention in school, control their actions, and sometimes interfere with academic tasks. Parents and teachers must both be properly trained for the diagnosis and treatment of children with ADHD (Barkley, 2020). ADHD is common and affects 2–18% of student children. A survey of primary school professors in Iran revealed comparatively poor awareness of the causes of ADHD; they thought the explanation for the study was biological/genetic or parental spoil. Another two surveys of ADHD found similar results among school teachers in Thailand and South Texas (Alharbi, 2018). There was not enough information about ADHD even given by Makkah’s school female teachers. Two studies in Saudi Arabia found that the incidence of ADHD was 11.6 percent and 16.3 percent. In contrast with hyperactivity among male students, a study done at the primary school in Dammam showed a higher prevalence of lack of attention. Teachers from primary schools have a big part to play in supporting children with ADHD and they can be the first to recognize a condition. Late intervention may result from a lack of knowledge amongst primary school teachers (Al Hamed, Taha, Sabra, & Bella, 2008).

The student with ADHD can be distracted easily in the classroom and it is challenging to deal with such students. A need was observed in elementary schools of Punjab to develop an inventory for the identification and handling of ADHD children. In this instance, the role of the class teacher is highly critical. A well-trained teacher is capable of effective management of the classroom and it is like a hood that environment can be improved viably by characterization of ADHD along with clinical impairment (Ong, 2019).

According to Kostanjsek (2011), the ADHD indications are highly prominent in primary grades and have a strong foundation for the functioning of academic performance. ADHD children might exhibit different problems related to schools; for instance challenges in perusing direction, completion of assignments, and other psychological challenges (Dias et al., 2013). The ADHD children might reveal the worst relationship with peers, lower level of self-esteem, and delinquent behavior.

There is little information about ADHD in Pakistan, which means that teachers require comprehensive knowledge and experience in this area to support and understand these children to successfully change their behavior with effective approaches. Studies suggest that the intervention interaction facility improves teachers' awareness about ADHD (Mirza, Nisar, & Ikram, 2017). A lack of awareness is evident across the Punjab and overall Pakistan about the intervention strategies of ADHD. On the other hand, a number of diagnosed children in primary schools of Punjab are prone to continuous increase (Bickenbach, Cieza, Rauch, & Stucki, 2012). The student with ADHD can be distracted easily in the classroom and it is challenging to deal with such students. A need was observed in elementary schools of Punjab to develop an inventory for the identification and handling of ADHD children. In this instance, role of class teacher is highly critical. A well-trained teacher is capable for effective management of classroom and it is like hood that environment can be improved viably by characterization of ADHD along with clinical impairment.
According to Kostanjsek (2011), the ADHD indications are highly prominent in primary grades and have a strong foundation for the functioning of academic performance. ADHD children might exhibit different problems related to schools; for instance, challenges in perusing direction, completion of assignments, and other psychological challenges. The ADHD children might reveal the worst relationship with peers, lower level of self-esteem, and delinquent behavior. A lack of awareness is evident across the Punjab and overall Pakistan about the intervention strategies of ADHD. On the other hand, a number of diagnosed children in primary schools of Punjab are prone to continuous increase (Hobday, 2015).

The major objectives of this research study are to determine the awareness level of primary school. The key research question of the study is what are the symptoms to identify ADHD students who are suffering from it and the perceived knowledge of primary school teachers in Punjab about ADHD and what extent the teachers know about the interventions for ADHD treatments? The identification of symptoms in ADHD students has a great significance which will be helpful for teachers in the future to assess students at admissions; for the development of educational intervention and improve the willingness of teachers for effective teaching and intervention. The findings of the study would also be helpful for teachers, schools, parents, and psychologists for designing effective strategies for effectively dealing with ADHD students. The finding will be significant for teachers to gaging their improved realization of characteristics, etiology and treatment of ADHD. For the concerned school district, the knowledge of teachers might lead to additional professional development for effectively managing this disorder. The findings provided the implication for devising behavioral strategies of management for dealing with ADHS students.

2. Literature Review

2.1 ADHD in Primary School Students

ADHD is a chronic neurological condition marked by hyperactivity and persistent inattention (Barkley, Murphy, & Fischer, 2010). (Bolte, et al., 2018) said that the prevalence of ADHD was found to be 5.3 percent worldwide. In another report by NIMH, (2018) the global occurrence of ADHD was noted 3-5 % irrespective of age and gender. ADHD was found in all age groups but its development starts in early childhood stage and remains persistent throughout life (Tatlah, 2014). A study conducted on primary school students by (Amiri, Shafiee-Kandjani, Fakhari, Golmirzaei, & Rafi, 2013) evaluated that comorbidities in ADHD were presented in 62.5 percent of children. The author further explained about comorbidities of individuals as they were 17.2 percent enuresis, 26.7 percent phobias and 33.3 percent motor functioning. Moreover, another study used ICF to judge ADHD and found that occurrence is higher in female as compared to males (De Schipper, et al., 2015). McKinley L.A. and Stormont M. A. (2018), the study indicated that 5-7 percent of school-going children have ADHD (Abrahão, Elias, Zerbini, & D'Ávila, 2020).

The rate of impulsivity, daydreaming, hyperactivity and inattentiveness are also common in Punjab in primary school students. It was noted from research that awareness about ADHD was less in teachers and parents. This may for the reason that the symptoms of neurological problems are almost the same; the common is mental retardation, learning disability and reduce motor functioning. A study by (McDougall, Wright, & Rosenbaum, 2010) reported that the awareness level of ADHD in Karachi is about 44.6%. In a primary
hospital ADHD was found to be 34% in Pakistan. In the light of these empirical considerations, it has suggested that timely monitoring of the disease is necessary. For that analytical/mentoring tools were used and discussed by researcher and scientist that could be helpful for teachers, parents, and guardians. Also, it was ascertained that analytic tools were effective and easily understandable by teachers and parents for the diagnosis of ADHD in children. From the literature review, it is analyzed that ACTeRS, Brown Attention Deficit Disorder Scales, Connors' Rating Scales, Copeland Symptom Checklist, DSM-V, Vanderbilt Assessment Scale, Wander Utah Rating Scale, and ICF were mostly used for the evaluation of ADHD (Matheis, 2020).

The tool that was found to be most effective for the evaluation of ADHD in primary school students are ICF. It is a conceptual framework model which described the health conditions in three perspectives which include participation, activities, body functions and structure. The ICF is the latest and advanced version of ICIDH and ICIDH-2 model presented by WHO. The ICIDH is the oldest version of ICF which monitored the ADHD in three domains which are impairment, disability, and handicap, While, the ICIDH-2 version contain domains of activity, participation, impairment and contextual disability. The final version was presented by WHO in 2001 called ICF. In the advance, version diagnosis moves from consequences to the classification of disease symptoms on the basis of functioning and disabilities. ICF was published officially in six different languages (Bolette et al., 2018). However, ICF checklist was approved by WHO in more than hundred countries as a diagnostic technique of health abilities and abnormalities in patients (Ustun, 2010).

The assessment tools and inventories for ADHD help to diagnose the disease and differentiate it from other diseases. It also priorities the goals of treatment as the specific criteria mentioned the abilities in an increase or a decreasing order. It became easy for parents or teachers to judge which one of the characters are more promoting and influencing ADHD. It was also observed from the literature review that the strengths and weakness of the students can also be evaluated from the ICF assessment tools. The time period for the evaluation was minimized by use of ICF inventory (Tatlah, 2015). There are many research studies, which used ICF checklist for the evaluation of ADHD. Furthermore, the development of inventory was also being discussed in reports and scientific papers. However, the questions or statements may differ in research but the basic conceptual framework was found to be same in all studies. (Karolinska, 2018) described that ICF model is considered as the best descriptive checklist for the assessment of ADHD and other autism disorders. Quality of life is considered as an important parameter in the ICF model scale (Cabral, Liu, & Soares, 2020).

3. Population & Sample

The population of the study was all the primary school students of public and private. All the primary students in public and private schools of Lahore. 20 primary school students were the assessable population for the study. The sample of the study was 440 students from the 20 schools of Lahore. A non-probability method called as purposive sampling was used for sampling.

4. Development of Research Instrument

The survey instrument was developed using the ICF checklist. It contained 84 questions in different 5 areas of psychological conditions of the students. The responses were evaluated based on the rating of five-point Likert scale. The instrument comprised of five subscales that indicated the
symptoms for Attention, Hyperactive/Impulsive, Oppositional Defiant Disorder, Cognitive symptoms as well as psychosocial symptoms. On the other hand, for Qualitative interviews, open-ended questionnaire was developed for the encouragement of meaningful and full answers by utilizing the feeling and knowledge related to ADHD symptoms (Blumberg, Cooper, and Schindler, 2014). The developed instrument was distributed among 15 teachers and 10 parents for the pilot study. Results were satisfactory as respondents were able to understand the instrument easily. They also showed keen interest in the asked questions as they were informative for them as well.

5. Data Collection & Analysis

The returned number of the questionnaire was 700/1000, from them, 99 questionnaires were incomplete as pages were missing. 161 questionnaires were not filled properly, as some options were marked on more than one option, or some options were not even filled. Those questionnaires were excluded from the data analysis. In the end accurate collected questionnaires were in total 440. The analysis of the collected data encompassed the statistical procedures performed to generate results and estimation of obtained information (Cline, 2011). The ADHD sufferers' participant’s data of the preparatory phase were analyzed through an observational analysis and main findings were highlighted. Expert results were analyzed by identifying common information and then this information was presented in tables and figures. For the cross-sectional data result, most common symptoms from files were identified and a category was made, accordingly, the percentages of common symptoms were calculated through descriptive statistics. The results of consensus meetings, expert participation, and decisions were tabulated and common findings presented. Especially for the interactive session, the frequency and percentage of voting results were calculated. The final inventory was prepared and presented at the end of the data analysis.

5.1 Demographic Analysis

Table 1: Frequency Distribution of the Responses
SYMPTOMS: Check the appropriate box

| Sr. No | Attention Symptoms | SD         | D          | UnD        | A          | SA         |
|--------|---------------------|------------|------------|------------|------------|------------|
| 1      | Fails to give close attention to details of tasks and activities | 0(0%)  | 0(0%)  | 0(0%)  | 440(100%) | 0(0%)  |
| 2      | Could not sustain attention to given tasks or activities | 189(43%) | 112(25.5%) | 70(15.9%) | 44(10%)  | 25(5.7%) |
| 3      | Does not put focused attention on class work | 178(40.5%) | 87(19.8%) | 68(15.5%) | 62(14.1%) | 45(10.2%) |
| 4      | Feels difficulty focusing on one task to complete it at a time | 170(38.6%) | 92(20.9%) | 72(16.4%) | 56(12.7%) | 50(11.4%) |
| 5      | Has short concentration span | 162(36.8%) | 99(22.5%) | 72(16.4%) | 68(15.5%) | 39(8.9%) |
| 6      | Easily distracted | 162(36.8%) | 91(20.7%) | 87(19.8%) | 68(15.5%) | 32(7.3%) |
|   | Description                                                                 | Count | Percentage  | Count | Percentage  | Count | Percentage  | Count | Percentage  | Count | Percentage  |
|---|----------------------------------------------------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| 7 | Feels difficulty in understanding instructions                              | 161(36.6%) | 100(22.7%) | 95(21.6%) | 53(12%) | 31(7%)     |
| 8 | Fails to finish assigned task or activity on time                           | 151(34.4%) | 118(26.8%) | 78(17.7%) | 59(13.4%) | 34(7.7%)   |
| 9 | Does not like worksheets.                                                   | 156(35.5%) | 102(23.3%) | 90(20.5%) | 61(13.9%) | 31(7%)     |
| 10| Does not like to follow written instruction                                 | 137(31.1%) | 95(21.6%) | 106(24.1%) | 68(15.5%) | 34(7.7%)   |
| 11| Performs better with given fewer words instructions.                        | 137(31.1%) | 85(19.3%) | 97(22%) | 78(17.7%) | 43(9.8%)   |
| 12| Feels difficulty solving simple math problems                               | 124(28.2%) | 97(22%) | 96(21.8%) | 74(16.8%) | 49(11.1%)   |
| 13| Does not seem to listen when spoken to him directly                         | 125(28.4%) | 92(20.9%) | 112(25.5%) | 53(12%) | 58(13.2%)   |
| 14| Makes careless mistakes                                                     | 124(28.2%) | 103(23.4%) | 85(19.3%) | 70(15.9%) | 58(13.2%)   |
| 15| Loose things                                                                | 135(30.7%) | 97(22%) | 97(22%) | 66(15%) | 45(10.2%)   |
| 16| Could not explain back his/her understanding of the given instructions      | 135(30.7%) | 119(27%) | 86(19.5%) | 62(14.1%) | 38(8.6%)   |
| 17| Poor handwriting                                                            | 132(30%) | 110(25%) | 88(20%) | 58(13.2%) | 52(11.8%)   |
| 18| Feels difficulty in organizing tasks and activities                          | 139(31.6%) | 107(24.3%) | 93(21.1%) | 53(12%) | 48(10.9%)   |
| 19| Avoids, dislikes or is reluctant to engage in tasks that require           | 136(30.9%) | 100(22.7%) | 92(20.9%) | 72(16.4%) | 40(9.1%)   |
|   | sustained mental effort                                                     |       |       |       |       |       |   |
| 20| Avoids tasks requiring long mental focus.                                   | 123(28%) | 104(23.6%) | 89(20.2%) | 70(15.9%) | 54(12.3%)   |
| 21| Fails to complete longer tasks.                                             | 226(51.4%) | 81(18.4%) | 58(13.2%) | 44(10%) | 31(7%)     |
| 22| Requires more time to complete tasks as compared to normal students.        | 116(26.4%) | 153(34.8%) | 68(15.5%) | 53(12%) | 49(11.1%)   |
| 23| Afraid to try new things due to fear of making mistakes                     | 121(27.5%) | 101(23%) | 95(21.6%) | 63(14.3%) | 60(13.6%)   |
| 24| Fails to achieve performance goals set for normal students.                 | 116(26.4%) | 116(26.4%) | 91(20.7%) | 79(18%) | 38(8.6%)   |
| 25| Face difficulty in organizing things                                        | 124(28.2%) | 99(22.5%) | 94(21.4%) | 56(12.7%) | 67(15.2%)   |
| 26| Feels difficulty in concentrating                                           | 112(25.5%) | 105(23.9%) | 94(21.4%) | 66(15%) | 63(14.3%)   |
Table 2: Frequency Distribution of the Responses
Hyperactive/Impulsive 314.01

| Sr. No | Hyperactive/Impulsive 314.01 | SD     | D      | UnD    | A         | SA      |
|--------|-------------------------------|--------|--------|--------|-----------|---------|
| 1      | Often fidgets with hands or feet | 0(0%)  | 0(0%)  | 0(0%)  | 440(100%) | 0(0%)  |
| 2      | Fidgets and leave seat when sitting still is expected | 90(20.5%) | 165(37.5%) | 94(21.4%) | 70(15.9%) | 21(4.8%) |
| 3      | Does not remain in seat during given activity | 114(25.9%) | 98(22.3%) | 127(28.9%) | 76(17.3%) | 25(5.7%) |
| 4      | Absents from class without permission | 109(24.8%) | 117(26.6%) | 91(20.7%) | 78(17.7%) | 45(10.2%) |
| 5      | Leaves group or classroom when supposed to stay seated. | 126(28.6%) | 113(25.7%) | 106(24.1%) | 47(10.7%) | 48(10.9%) |
| 6      | Feels restless | 99(22.5%) | 140(31.8%) | 102(23.2%) | 63(14.3%) | 36(8.2%) |
| 7      | Always on the go | 98(22.3%) | 123(28%) | 116(26.5%) | 57(13%) | 46(10.5%) |
| 8      | Runs about or climbs excessively | 106(24.1%) | 114(25.9%) | 124(25.9%) | 54(12.3%) | 42(9.5%) |
| 9      | Demonstrates agitated attitude if dislikes the adults instruction /request | 117(26.6%) | 117(26.6%) | 112(25.5%) | 61(13.9%) | 33(7.5%) |
| 10     | Does not finish assigned class work. | 117(26.6%) | 126(28.6%) | 100(22.7%) | 59(13.4%) | 38(8.6%) |
| 11     | Feels difficulty in taking turn | 119(27%) | 120(27.3%) | 104(23.6%) | 64(14.5%) | 33(7.5%) |
| 12     | Interrupts or intrudes others (e.g., butts into conversations or games) | 89(20.2%) | 123(28%) | 121(27.5%) | 73(16.6%) | 34(7.7%) |
| 13     | focusing on any one task | 108(24.5%) | 113(25.7%) | 103(23.4%) | 69(15.7%) | 47(10.7%) |
| 14     | Does not like working in groups. | 92(20.9%) | 131(29.8%) | 115(26.1%) | 63(14.3%) | 63(14.3%) |
| 15     | Prefers to perform activity/work alone | 114(25.9%) | 103(23.4%) | 101(23%) | 75(17%) | 47(10.7%) |
| 16     | Talks excessively | 94(21.4%) | 135(30.7%) | 90(20.5%) | 69(15.7%) | 52(11.8%) |
| 17     | Feels difficulty in doing things quietly | 110(25%) | 120(27.3%) | 106(24.1%) | 61(13.9%) | 43(9.8%) |
| 18     | Blurs answers before questions have been completed | 104(23.6%) | 116(26.4%) | 103(23.4%) | 69(15.7%) | 48(10.9%) |
| 19     | Does not understand the cause and effect of | 109(24.8%) | 97(22%) | 114(25.9%) | 65(14.8%) | 55(12.5%) |
behavior

| 20 | Likes doodling or play with clay, paper clips, or pipe cleaners while waiting or listening to instructions | 110(25%) | 116(26.4%) | 99(22.5%) | 69(15.7%) | 46(10.5%) |
| 21 | Demonstrates repetitive motor behaviors (e.g., table-tapping) or playing with objects. | 91(20.7%) | 116(26.4%) | 97(22%) | 81(18.4%) | 55(12.5%) |

Table 3: Frequency Distribution of the Responses
Oppositional Defiant Disorder 313.81 (a pattern of hostile, disobedient, and defiant behaviors directed at adults or other authority figures)

| Sr. No | Oppositional Defiant Disorder | SD (%) | D (%) | UnD (%) | A (%) | SA (%) |
|-------|--------------------------------|--------|-------|--------|-------|--------|
| 1     | Fighting                       | 167(38%) | 91(20.7%) | 96(21.8%) | 57(13%) | 29(6.6%) |
| 2     | Easily Loses temper            | 91(20.7%) | 114(25.9%) | 129(29.3%) | 73(16.6%) | 33(7.5%) |
| 3     | Argues with peers and adults   | 218(49.5%) | 84(19.1%) | 71(16.1%) | 46(10.5%) | 21(4.8%) |
| 4     | Refuses to follow rules        | 105(23.9%) | 184(41.8%) | 79(18%) | 52(11.8%) | 20(4.5%) |
| 5     | Deliberately acting in a way that annoys others | 127(28.9%) | 86(19.5%) | 135(30.7%) | 63(14.3%) | 29(6.6%) |
| 6     | Blames others for his/ her mistakes or misbehavior | 100(22.7%) | 125(28.4%) | 90(20.5%) | 79(18%) | 46(10.5%) |
| 7     | Blatant hostility towards others | 112(25.5%) | 100(22.7%) | 111(25.2%) | 53(12%) | 64(14.5%) |
| 8     | Physically cruel to people     | 95(21.6%) | 111(25.2%) | 110(25%) | 74(16.8%) | 47(10.7%) |
| 9     | Deliberately destroys others” property | 105(23.9%) | 100(22.7%) | 144(32.7%) | 51(11.6%) | 40(9.1%) |
| 10    | Angry, resentful and unwilling to compromise | 100(22.7%) | 129(29.3%) | 111(25.2%) | 66(15%) | 34(7.7%) |
| 11    | Easily annoyed by others       | 118(26.8%) | 107(24.3%) | 102(23.2%) | 73(16.6%) | 40(9.1%) |
| 12    | Willingly destroying friendships | 95(21.6%) | 131(29.8%) | 109(24.8%) | 66(15%) | 39(8.9%) |
| 13    | Spiteful and seeking revenge   | 109(24.8%) | 93(21.1%) | 127(28.9%) | 72(16.4%) | 39(8.9%) |
| 14    | Blatant and repeated disobedience | 97(22%) | 92(20.9%) | 116(26.4%) | 90(20.5%) | 45(10.2%) |
### Table 4: Frequency Distribution of the Responses
**Cognitive Symptoms:**

| Sr. No | Cognitive Symptoms:                                             | SD       | D        | UnD     | A        | SA       |
|--------|-----------------------------------------------------------------|----------|----------|---------|----------|----------|
| 1      | Frequent frustration                                            | 182(41.4%) | 74(16.8%) | 93(21.1%) | 61(13.9%) | 30(6.8%) |
| 2      | Feels worthless or inferior                                     | 83(18.9%) | 145(33%) | 120(27.3%) | 62(14.1%) | 30(6.8%) |
| 3      | Failure to “think before speaking”                              | 107(24.3%) | 81(18.4%) | 141(32%) | 78(17.7%) | 33(7.5%) |
| 4      | Easily distracted by extraneous stimuli                         | 85(19.3%) | 110(25%) | 95(25.6%) | (%)      | (%)      |
| 5      | Loses things necessary for tasks or activities (school assignments, pencils or books) | 98(22.3%) | 105(23.9%) | 123(28%) | 49(11.1%) | 65(14.8%) |
| 6      | Has difficulty organizing tasks and activities                  | 71(16.1%) | 94(21.4%) | 131(29.8%) | 82(18.6%) | 62(14.1%) |

### Table 5: Frequency Distribution of the Responses
**Psychosocial Symptoms:**

| Sr. No | Psychosocial Symptoms:                                             | SD       | D        | UnD     | A        | SA       |
|--------|-----------------------------------------------------------------|----------|----------|---------|----------|----------|
| 1      | Difficulty making friends                                       | 173(39.3%) | 90(20.5%) | 83(18.9%) | 60(13.6%) | 34(7.7%) |
| 2      | Persistent negativity                                           | 84(19.1%) | 173(39.3%) | 103(23.4%) | 56(12.7%) | 24(5.5%) |
| 3      | Consistent feelings of                                          | 96(21.8%) | 102(23.2%) | 139(31.6%) | 71(16.1%) | 32(7.3%) |
6. Discussion

In the case of the social environment, ADHD children are continuously facing challenges. Because of disruptive attitude and behavior, rejection of peer is highly prevalent for children having ADHD disorder. Such negative attributes might not end in childhood and the pattern of disruptive behavior in early school years can increase the dramatic risk for antisocial behavior later. Because of pervasive and disruptive ADHD nature, effectual treatments are required (Bölte, et al 2014).

The resource constraints can plague the mental service of a child in the same manner as required by the mental service of an adult. The mental health of child service can be governed utilizing manifold factors. The extent of the convention of referral, relations with specialists, physicians, and teachers are considered a few vital factors of governance. Whereas, it is customary to possess referral from schools in a well-established system of health care, a failure is observed in evaluation of referral from a knowledge base of Pakistani school system. The main rationalization is related to the lack of awareness about mental health in Punjabi school teachers. The other factors are based on the absence of health care style and enclosed stigma towards emotional and mental disorders and deficiency of adequate interaction with the individual resource (Sharma, & Inamdar, 2013). In brief, psychiatry services of the child are based on multiple disciplines, liaises among clinical psychologist, teacher, and parent. In the same manner, the communication

|   |   |   |   |   |
|---|---|---|---|---|
| 4 | Loss of self-esteem | 76(17.3%) | 141(32%) | 98(22.3%) | 72(16.4%) | 53(12%) |
| 5 | Feels lonely, unwanted, or unloved: complains that “no one loves him/her” | 102(23.2%) | 104(23.6%) | 114(25.9%) | 67(15.2%) | 53(12%) |
| 6 | Sad, unhappy, or depressed | 81(18.4%) | 120(27.3%) | 121(27.5%) | 67(15.2%) | 51(11.6%) |
| 7 | Does not like to interact with general people | 86(19.5%) | 114(25.9%) | 124(28.2%) | 69(15.7%) | 47(10.7%) |
| 8 | Does not follow instructions | 81(18.4%) | 119(27%) | 120(27.3%) | 67(15.2%) | 53(12%) |
| 9 | Steels items of nontrivial value | 103(23.4%) | 104(23.6%) | 113(25.7%) | 75(17%) | 45(10.2%) |
| 10 | Likes appreciation and praise Strongly Agree | 82(18.6%) | 115()% | 113(25.7%) | 69(15.7%) | 61(13.9%) |
| 11 | Likes activity-based task over rote learning. | 97(22%) | 99(22.5%) | 112(25.5%) | 74(16.8%) | 58(13.2%) |
| 12 | Feels difficulty in following school's rules | 83(18.9%) | 117(26.6%) | 102(23.2%) | 72(16.4%) | 66(15%) |
with a teacher is of paramount significance and identical realization is required regarding the behavioral management principles.

7. Recommendations

1. Providing awareness to teachers, parents and other family members is highly recommended that Parents should establish teaching skills to provoke positive behavior among children by using different methods.

2. The study recommends that a longitudinal study is required to address the topic further for the facilitation of children with ADHD.

3. The in-service school teachers should be provided the opportunities for continuous professional development that teachers could create positive, open environment where students could explain their viewpoint about stress and mental health problems; which will enable the teacher to approach valuable strategies and resources for supporting the ADHD students.

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