Street Children in Alexandria: Profile and Psychological Disorders

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Abstract Background: Today developed and developing countries are facing the problem posed by street children. The continuous and unrestrained exposure to the street and its associated lifestyles makes these children vulnerable to a range of health, social, and other problems. Objective: The aim of the present work was to assess the profile of street children and their living condition from different aspects, in addition to assessment of some psychological disorders among them. Methods: A cross-sectional study was conducted on 50 street boys present at El-Horreva institute for Children Community Development, which is a non-governmental organization in Alexandria. An equal control group of 50 school boys were selected at random from the first and second grades of one governmental boys preparatory school of the Middle District of Alexandria. Every child was subjected to an interviewing questionnaire. The Arabic version of Revised Ontario Child Health study scale, children Depression Inventory and the Cooper-Smith Self-Esteem Inventory, were used to identify children with conduct disorder, depression, and assess self-esteem, respectively. Anthropometric measurements including weight and height were measured for each street child and BMI was calculated. Results: The present study revealed that more than half of street children (58.0%) came from large size families, about three-guarters (72.0%) reported insufficient income, most of them had low educated parents and unskilled fathers, 80.0% reported not living with both parents before coming to the institute, and 91.2% reported bad inter-parental relationship. Family history of drug abuse, alcohol intake, smoking, and imprison were significantly higher among street children compared to school children (p<0.001). The present study showed that 74.0% of street children were smokers, 22.0% reported drug abuse, and 90.0% were dropped out of school. Family violence, beating, and beating without reason significantly increase the risk of being a street child (OR= 31.90, 2.0, and 44.58, respectively). The risk of conduct disorder, depression, and low-self esteem were significantly more among street children compared to school children (OR= 44.59, 14.64, and 9.66, respectively). The main cause of leaving home was beating, 80.0% lived in street after leaving home, 72.0% their main source of living was begging, and most of them faced problems in the street especially with the police. The results revealed that 92.0% were satisfied with the institute and 86.0% prefer to stay in the institute than returning to the street. Recommendations: planning programs to prevent, protect, and rehabilitate street children are essential.

INTRODUCTION

The issue of street children continues to attract the attention of social scientists and governmental bodies worldwide. Children who spend their days largely unsupervised in public spaces of urban centers are commonly

referred to as "street children".¹ The International Year of the Child (1979) brought into focus the plight of street and working children, especially in the developing countries. In the context of the developing world, UNICEF (1986), has categorized street

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children as: 'children at risk', those who live in families but work on the streets to supplement the family income, 'children on the street', those who have some family support but work on the streets, and 'children of the street', those who live and work on the streets without any family support.² Many of these children survive by begging, theft, prostitution, or some other marginal activity. Others are engaged in occupations such as shoe-shining, selling cigarettes, car washing, etc. They sleep in bus shelters, under bridges, or in old sewage pipes.³

The number of street children has increased worldwide and they represent one of our most serious global challenges. Approximately ten million children round the globe are homeless and 150 million spend much of their time on the streets. The number of street children is a big issue in Egypt and is on the rise. Estimates on the number of street children range from 200,000 to one million and a quarter of the street child population is believed to be less than 12 years old.

Street children are both victims and barometers of extreme social and economic stress. Their presence is an indication of rapid environmental urbanization, degradation, inequitable distribution of wealth and income, and breakdown of traditional family and community values and structures.6 The key factors pushing children onto the streets in Egypt are family breakup (divorce, separation, remarriage, and death), large family size, child abuse and neglect, low income and educational levels, unplanned rural-urban migration, and children's difficulties in coping with the formal school system, increasing the rate of drop-out.7

The continuous and unrestrained exposure to the street and its associated lifestyles makes these children vulnerable to a range of health, social and psychological problems.⁸ Studies reported that the use of drugs, violence by police and sexual exploitation constitute important problems among those children.^{9,10} Also street children have a high prevalence of depressive disorder, anxiety, behavioral problems and suicidal attempts.^{11,12}

United Nations stresses the right of every child to have opportunities for developing physically, mentally, and socially in conditions of freedom and dignity within home and outside. Hence, the problems faced by the street children should be viewed as a human rights issue as exploitation on the street and exposure to violence infringes on their human rights.¹³

It is important that the special problems of this group are recognized so that the City can target its resources on areas most critical to preventing delinquency thereby helping these youth in making a successful transition into adulthood. ¹⁴

The aim of the present work was: To assess the profile of street children and their living condition from different aspects, in addition to assessment of some psychological disorders among them.

MATERIAL AND METHODS

Study setting and sampling:

A cross-sectional study was conducted at EI-Horreya Institute for Community

Development, which is a non-governmental

organization in Alexandria. The Institute gives full stay to street children, supply them with clothes, and money, they learn some skills together with reading and writing. All street children present at time of the study and agree to participate were included in the sample. The total sample was 50 street boys. An equal control group of 50 school boys were selected at random from the first and second grades of one governmental boys preparatory school of the Middle District of Alexandria, which was selected randomly out of the seven districts of Alexandria Governorate.

Methods:

For the conduction of the study, the following tools were used:

- A pre-designed interviewing questionnaire was used to collect the following data from the street and school children:
- a) Socio-demographic data: including, age, family size, income, father education and occupation, mother education, living condition, and inter-parental relationship. Illiterate, read and write, and primary educated parents were considered low educated, preparatory and

secondary educated parents were considered middle educated, and university and higher educated parents were considered high educated.

- b) Family data: family history of drug abuse, alcohol intake, smoking, and imprisonment.
- c) Social relations and some characteristics:
 relation with mother, father and siblings, drug
 abuse, and smoking behavior.
- d) Family violence, type, and tools of punishment.
- 2) A pre-designed interviewing questionnaire was used to collect the following data from the street children:
- a) Causes of leaving home and the ways of coming to the institute.
- b) Circumstances of living condition: place of living, source of living after leaving home, and street problems and injuries.
- c) Participation in institute activities and beliefs about the institute.
- d) Going to school and causes of not going.
- 3) Psychological tests: Both the street and school children were subjected to psychological tests using the following tools:

A) The Arabic version of Revised Ontario Child Health study scale¹⁵

It was used to identify the children with conduct disorder (CD). The scale consists of 12 questions concerning the child behavior and problems they sometimes have. Each question has three choices (no "0", sometimes "1", and always "2") forming a total score that ranges between "0-24". Those who scored above 6 were considered as CD children. 16

B) The Arabic version of Children Depression Inventory¹⁷

It is a self report rating scale to assess depression in children. The scale consists of 27 multiple choice items concerned with symptoms of childhood depression. Each item consists of 3 choices graded from 0 to 2, with a total score ranging between 0-54. The cutoff score used was 25.¹⁷ Those with total score ≥25 were considered depressed.

C) The Arabic version of the Cooper-Smith Self-Esteem Inventory 18

It is a self report rating scale to assess self-esteem in children. It consists of 25 items. Each item consists of 2 choices with a score of

0-1, and thus the total score ranged between 0-25. Those with total score ≥20 were considered of high self-esteem, ≤14 were considered of low self-esteem and >14-<20 were considered average self-esteem.¹⁹

4) Anthropometric measurements: Weight and height were measured for the street children and BMI was calculated using the formula BMI= Weight in kg/ (Height in meter)². Those whose BMI for age was < 5th percentile were considered as underweight, ≥5th percentile and <85th percentile as normal, ≥85th percentile and <95th percentile as obese.²⁰

Statistical analysis:

The data were coded, entered, and analysed using SPSS (version 10) software program. Mean and standard deviation, chi-squared test, and Odd's ratio were used.

RESULTS

Table 1 shows that the age of street children ranged from 10 to 15 years with a mean age of 12.85±1.57 years. The age of school children ranged from 11 to 13 years

with a mean age of 12.41±0.51 years. More than half of street children (58.0%) compared to only 22% of school children came from large size families (i.e.,≥6) and the difference was found to be statistically significant (χ^2 =13.50, p<0.001). Insufficient income was reported by about three-quarters of street children (72.0%) compared to none of school children reported insufficient income and the difference was statistically significant $(\chi^2=64.63, p<0.001).$ Findings from the respondents' parental background revealed that 80.5% of fathers of street children compared to only 4.3% of fathers of school children were of low education and 87.8% of fathers of street children were unskilled workers compared to only 8.5% of fathers of school children. The difference was statistically significant (χ^2 = 59.96 and 60.53, respectively, p<0.001). As regards mother education, 93.5% of mothers of street children were of low education compared to only 8.0% of mothers of school children. The difference significant $(\gamma^2 =$ statistically was 71.03, p<0.001)

Concerning the living condition, 80.0% of street children reported not living with both parents before coming to the institute compared to only 10.0% of school children. The cause of not living with both parents was mainly divorce in street children (67.5%) and death in school children (60.0%). The difference was statistically significant (χ^2 = 49.49 and 57.52, respectively, p<0.001). As regards the inter-parental relationship, most of children (91.2%) street reported bad relationship compared to none of school children and the difference was statistically significant (χ^2 = 81.49, p<0.001).

Figure 1 shows the nutritional status of street children. It reveals that 14.0% were underweight, 84.0% normal, and 2.0% overweight.

Table 2 shows that the family history of drug abuse, alcohol intake, smoking, and imprisonment were significantly higher among street children (38.0%, 28.0%, 82.0%, and 42.0%, respectively) compared to school children (0.0%, 4.0%, 48.0% and 0.0%

respectively), χ^2 = 23.47, 10.71, 17.70, and 26.58, respectively, p<0.001

Table 3 shows that bad relation with mother, father, and siblings were more significantly reported among street children (23.9%, 85.4%, and 26.1%, respectively) compared to school children (0.0%, 2.1%, and 6.2%, respectively), χ^2 = 43.50, 74.75, and 36.57, respectively, p<0.001. The study also revealed that 22.0% of street children reported drug abuse and 74.0% were smokers compared to none of school children and the difference was statistically significant (χ^2 = 12.36 and 58.73, respectively, p<0.001)

Regarding going to school, it was observed that 90.0% of street children reported that they did not go to school. The causes of not going to school were in the following order; 57.8% truancy from school, 17.8% dismissed by the school authority, 13.3% the father took them out of school, and lastly 11.1% didn't go to school due to multiple school exam failure.

Table 4 shows that family violence was reported among 78.0% of street children compared to only 10.0% of school children.

Family violence significantly increased the risk of being street children (OR= 31.90, 95% CL=10.40-97.09, χ^2_{MHS} =46.44, p<0.001). As regards the type of punishment, beating was reported by all street children (100.0%) compared to 50% of school children. Beating significantly increases the risk of being street 2, children. (OR= 95%CL=1.03-3.88, χ^2 _{MHS}=4.17, p<0.05). Most of street children (94.0%) compared to only 10.0% of school children reported beating using sticks and/or sharp objects. The risk of beating using sticks and/or sharp objects was significantly higher among street children. (OR=12.16,95%CL=4.07-35.99, $\gamma^2_{MHS}=23.12$, p<0.001). Beating complication was reported by 90% of street children compared to only 24.0% of children. The school risk of beating complications was significantly higher among street children. (OR= 28.50, 95%CL=7.93-102.36, $\chi^2_{MHS}=32.91$, p<0.001) A higher (74.0%) street children percentage of compared to school children (6.0%) reported beating without reason. Beating without reason significantly increases the risk of being

street children. (OR= 44.59, 95%CL=12.37-157.37, χ^2_{MHS} =47.68, p<0.001)

Table 5 shows that nearly three-quarters (74.0%) of street children had conduct disorder compared to only 6.0% of school children. Being street children increases the risk of conduct disorder. (OR= 44.59, 95%CL=12.37-157.37, χ^2_{MHS} =47.68, p<0.001). The study also revealed that more than half of street children (56.0%) had depression compared to only 8.0% of school children. The risk of depression was significantly higher among street children. (OR= 14.64, 95%CL=4.72-44.76, χ^2_{MHS} =26.20, p<0.001). Concerning self-esteem, most of street children (95.2%) had low self-esteem compared to 58.0% of school children. The risk of low self-esteem was significantly higher children. (OR= 9.66. among street 95%CL=1.47- 60.88, χ^2 MHS=5.98, p<0.01)

Table 6 shows that the main causes of leaving home as stated by the children were beating (44.0%), bad treatment of stepparent (30%), bad treatment of father (14.0%), and lastly feeling board at home (12.0%). The

main way of joining the institute was through a family member (36.0%), followed by with colleagues (28.0%), supported by staff member from the institute (16.0%), alone (16.0%), and lastly the police (4.0%).

Table 7 shows that after leaving home, 80 % of street children were residing in street and their main source of living (e.g., getting food) was begging (72.0%), followed by the institute (14.0%), work (8.0%), and relatives (6.0%). The study also revealed that 80% of street children faced problems in the street, mainly with the police (65.6%), followed by problems with other street children (53.1%), then problems with people in the street (31.3%). Nearly half of street children (47.5%) were

subjected to injuries during their stay in the streets.

Table 8 shows that most of street children (94.0%) participate in institute activities, 94.0% learn skills and 46.0% learn reading and writing. Most of them (92.0%) were satisfied with the institute, 62.0% had no constrains in the institute, and 78.0% trust people in the institute. The table also showed that 90.0% take money from the institute. Also 86.0% reported that they prefer staying in the institute than staying at home (14.0%), or returning to the street (0.0%).

Table 1: Distribution of street and school children according to some socio-demographic characteristics

Characteristics	Street children No. %		School children No. %		Test of Significance χ^2 p	
Age (years)	(n=	50)	(n=50)			
- ≤12 - >12	25 25	50.0 50.0	27 23	54.0 46.0	0.16	0.84
mean ± SD	12.85	±1.57	12.41	±0.51		
Family size	(n=	50)	(n=	50)		
- < 6 - ≥ 6	21 29	42.0 58.0	39 11	78.0 22.0	13.50	0.00*
Income - Insufficient - Sufficient - Save	36 14 -	72.0 28.0	- 24 26	- 48.0 52.0	64.63	0.00*
Father education	(n=-			47°)		
- Low - Middle - High	33 8 -	80.5 19.5 -	2 14 31	4.3 29.8 66.0	59.96	0.00*
Father occupation	(n=-	41")	(n=47°)			
WorkerClericalSemi-professionalProfessional	36 3 2	87.8 7.3 4.9	4 3 13 27	8.5 6.4 27.7 57.4	60.53	0.00*
Mother education	(n= 46#)			50)		
- Low - Middle - High Living condition	43 3 -	93.5 6.5 -	4 18 28	8.0 36.0 56.0	71.03	0.00*
- With both parents	(n=50)		(n=50) 45 90.0			
- With both parents - Others	40	80.0	5	10.0	49.49	0.00*
Cause of not living with both parents	(n=40)		(n=5)			
- Death - Divorce	13 27	32.5 67.5	3 2	60.0 40.0	57.52	0.00*
Inter-parental relationship	(n=	34•)	•	47°)		
- Very good - Normal - Bad	- 3 31	8.8 91.2	40 7 -	85.1 14.9 -	81.49	0.00*

[&]quot; Excluding 9 street children due to death of their father

[°] Excluding 3 school children due to death of their father

[#] Excluding 4 street children due to death of their mothers

[•] Excluding 16 street children due to death of either one parent or both parents

^{*} Statistically significant at p<0.001

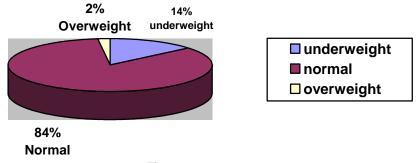


Figure 1
Nutritional status of street children

Table 2: Distribution of street and school children according to family history of drug abuse, alcohol intake, smoking, and imprisonment.

Variables	Street children No. % (n= 50)		School children No. % (n= 50)			est of nificance p
Family history of drug abuse - Yes - No	19 31	38.0 62.0	- 50	- 100.0	23.47	0.00*
Family history of alcohol intake - Yes - No	14 36	28.0 72.0	2 48	4.0 96.0	10.71	0.00*
Family history of smoking - Yes - No	41 9	82.0 18.0	24 26	48.0 52.0	17.70	0.00*
Family history of imprisonment - Yes - No	21 29	42.0 58.0	- 50	100.0	26.58	0.00*

^{*} Statistically significant at p<0.001

Table 3: Distribution of street and school children according to social relations and some characteristics.

Variables	Street children		School	School children		Test of Significance	
	No.	%	No.	%	χ^2	р	
Relation with mother	(n=	46#)	(n=	=50)			
- Very good	13	28.3	45	90.0			
- Good	22 11	47.8	5	10.0	43.50	0.00*	
- Bad Relation with father		23.9 41•)	- (n=	<u> </u>			
- Very good	1	2.4	40	85.1			
- Good	5	12.2	6	12.8			
- Bad	35	85.4	1	2.1	74.75	0.00*	
Relation with siblings	(n=4	46 °)	(n=-	48 °)			
- Very good	8	17.4	38	79.2			
- Good	26	56.5	7	14.6	36.57	0.00*	
- Bad	12	26.1	3	6.2			
Drug abuse	(n=	50)	(n=50)				
- Yes	11	22.0	-	-			
- No	39	78.0	50	100.0	12.36	0.00*	
Smoking behavior	(n=50)		(n=50)				
- Yes	37	74.0	-	-			
- No	13	26.0	50	100.0	58.73	0.00*	
Going to school	(n=50)		(n=50)				
- Yes	5	10.0	50	100.0		-	
- No	45	90.0	-	-			
Causes of not going to school	(n=	45)					
- Truancy	26	57.8	-	-			
- Dismissed by school	8	17.8	-	-		-	
authority - Father took his child out of school	6	13.3	-	-			
- Multiple school exam failure	5	11.1	-	-			

^{# 4} street children their mother's were dead.

^{• 9} street children and 3 school children their father's were dead.

 $^{^{\}rm o}$ 4 street children and 2 school children didn't have siblings.

^{*} Statistically significant at p<0.001

Table 4: Distributi	on of street	and school	children	according	to	family
violence, type, and	I tools of pu	ınishment.				

Variable Family violence	Street chil No. (n=50	%	School ch	%	OR	χ ² мнs	95%CL LL-UL
1 army violence	(11=30	,	(11=3)	· · · · · · · · · · · · · · · · · · ·			
- Yes - No	39 11	78.0 22.0	5 45	10.0 90.0	31.90 1	46.44***	10.40-97.09
Type of punishment	(n=86•	•)	(n=61	·)			
- Beating - Other means	50 36	100.0 72.0	25 36	50.0 72.0	2.0 1	4.17*	1.03-3.88
Tools of beating	(n= 64)	•	(n= 27	7)°			
- Hands - Sticks and/or sharp objects	17 47	34.0 94.0	22 5	44.0 10.0	1 12.16	23.12***	4.07-35.99
Beating complications	(n=50)	(n=25)				
- Yes - No	45 5	90.0 10.0	6 19	24.0 76.0	28.50 1	32.91***	7.93-102.36
Beating without reason	(n=50)	(n=5	0)			
- Yes - No	37 13	74.0 26.0	3 47	6.0 94.0	44.59 1	47.68***	12.37- 157.37

[•] The increase number due to multiple responses

Table 5: Distribution of street and school children according to psychiatric problems and self esteem

Psychiatric problems		children =50) %		ol children n=50) %	OR	χ ² мнs	95%CL LL-UL
Conduct disorder - Yes - No	37 13	74.0 26.0	3 47	6.0 94.0	44.59 1	47.68***	12.37- 157.37
Depression - Depressed - Non-depressed	28 22	56.0 44.0	4 46	8.0 92.0	14.64 1	26.20***	4.72- 44.76
Self-esteem	(n=	= 21•)	(r	i=50)			
LowAverageHigh	20 1 -	95.2 4.8 -	29 14 7	58.0 28.0 14.0	9.66 1	5.98**	1.47- 60.88

 $[\]bullet$ 29 street children refused to fill the questionnaire *** Significant at p<0.001

^{° 25} school children were not subjected to beating

^{***} Significant at p<0.001

^{*} Significant at p<0.05

^{**} Significant at p<0.01

Table 6: Distribution of street children according to causes of leaving home and the ways of coming to the institute as stated by children.

	Street	children
Causes of leaving home	No.	%
	(n	=50)
- Beating	22	44.0
 Bad treatment of stepparent 	15	30.0
 Bad treatment of father 	7	14.0
 Feeling board at home 	6	12.0
Ways of joining the institute		
- A family member	18	36.0
 With colleagues 	14	28.0
 Staff member from the institute 	8	16.0
- Alone	8	16.0
- Police	2	4.0

Table 7: Distribution of street children according to circumstances of living condition

	Street	children		
Place of living after leaving home	No.	%		
	(n	=50)		
- Street	40	80.0		
- Institute	7	14.0		
- Others	3	6.0		
Source of living after leaving home	(n	=50)		
- Begging	36	72.0		
- Institute	7	14.0		
- Work	4	8.0		
- Relatives	3	6.0		
Problems in street	(n=40*)			
- No	8	20.0		
- Yes	32	80.0		
Type of Problems	(n=	=48°)		
 Problems with the police 	21	65.6		
 Problems with street children 	17	53.1		
- Problems with people	10	31.3		
Street injuries	(n=40*)			
- No	21	52.5		
- Yes	19	47.5		

^{* 10} children didn't go to street

[°] Multiple responses

Table (8): Distribution of street children according to participation in institute activities and their beliefs about the institute.

Variables	No.	%		
	(n=50)			
Participation in institute activities				
- No	3	6.0		
- Learning skill	47	94.0		
 Learning reading and writing 	23	46.0		
Satisfaction with the institute				
- Yes	46	92.0		
- No	4	8.0		
Feeling constrained in the institute				
- Yes	19	38.0		
- No	31	62.0		
Trust people in the institute				
- Yes	39	78.0		
- No	11	22.0		
Taking daily money from the institute				
- Yes	45	90.0		
- No	5	10.0		
Which is more useful				
- Stay in the institute	43	86.0		
- Stay at home	7	14.0		
- Stay in street	-	-		

DISCUSSION

The presence of vast numbers of children in the streets in unsupervised and unprotected situations reflects an unprecedented social problem of profound deprivation and inequality.²¹ A 'National Strategy to Protect, Integrate and Rehabilitate Street Children' was launched by the National Council of Childhood and Motherhood (NCCM) in March 2003.⁷ The aim of the present work was to assess the profile of street children and their living

conditions from different aspects. In addition to assessment of some psychological disorders among them which is important in planning programs to prevent, protect, and rehabilitate them. In consistence with other studies,^{22,23} the present study revealed that more than half of street children belonged to families having six or more children, and most of them had low educated parents and unskilled fathers. It can be noticed also that about three-quarters of street children came from low income home

backgrounds. The lower the family income level, the more the children are exposed to the risk of abandoning the home to seek their needs in the street. ²⁴

The present study found that higher proportions of street children experienced difficult circumstances at home; most of them reported not living with both parents before coming to the institute which was mainly due to divorce followed by having a parent who had died. Also bad inter-parental relationship was evident among most of parents of street children. The study done by Matchinda (1999)²⁴ in Cameroon revealed that 71.4% of street children came from unstable home backgrounds where parents are either temporally or permanently living in separation, or where parental quarrels and fights are very frequent. In a study done on working and street children in Khartoum, they found that many had experienced the death of at least one of their parents, most often a father. 1 It is, therefore, not surprising that these children were mostly reared either by single parent, stepparent, or relatives. This parental neglect is evidenced, and may explain why most of the youth were driven to the street for economic survival.

Concerning the nutritional status of street children, the present study showed that 14.0% were underweight. Several studies found that street children have been found to be seriously underweight.^{23,25} This could be explained by the prevalence of malnutrition together with chronic diseases among street children. In contrast, other studies^{26,27} have found the health and nutrition status of street children to be better than their socioeconomic peers. A possible explanation is their better financial resources than those of children who rely solely on their parents, consequently giving them better access to food.

Family history of drug abuse, alcohol intake, smoking, and imprisonment were significantly higher among street children of the present study compared to school children. The results of the study done by Early (2005)²⁸, in USA suggested that the probability of being homeless increased if the head of the family had a problem with alcohol

or illicit drugs. It is reasonable to assume that the risk taking behaviors are more common among families of street children due to bad living conditions as marital disruption, poverty, and domestic violence.

The present study also revealed that, about three quarters of street children were smokers and nearly a quarter of them reported drug abuse. The study done by Poornima (2007)14 in India showed that more than 50% of boys had used one or more substance while out on the streets (e.g. smoking was commonest). Other studies reported 69-90% substance use.^{29, 30} The lower rate of drug abuse in the present study could be explained fact that those children were institutionalized. Isolation from family increasing the chances of frequent use of drugs and of performing other delinquent activities. Moreover, they generally reported more experience of familial abuse, and/or parental death or homelessness. Such prior trauma may in turn have contributed to the drug abuse. It is difficult to determine the

degree to which substance abuse is a cause or a consequence of homelessness.³¹

Bad relations with mother, father, and siblings were more significantly reported among street children of the present study especially relation with father, which was one of the reported causes of leaving home.

Most of street children in the present study reported not going to school, the causes were mainly truancy, followed by dismissed from school, father took him out of school, and lastly multiple failure in exams. The study done by Olley (2006)32 on street youth in Nigeria revealed that 46% of the youth had a history of school refusal; 27% had a history of suspension from school; and 47% had a history of truancy from school. Street children tend to have lower intellectual functioning and academic achievement. decreased Homelessness would probably impact upon cognitive development and function, not least through such proximal causes as malnutrition, physical, sexual. and substance abuse. disorder.33 neurological and psychiatric Another explanation for the increase rate of

school drop out among street children is poverty.

Childhood maltreatment is pervasive and known to be associated with a variety of effects adverse on health and social functioning.34 The present study showed that family violence, beating especially using sticks and/or sharp objects, the presence of beating complications (e.g., contusions, wounds, and fractures), and beaten without reason significantly increase the risk of leaving home to the streets. Although rates of runaway adolescent reports of abusive family backgrounds vary widely across studies. all these indicate severe risk for physical and sexual abuse.35,36

It seems reasonable to suggest that street children will have varying degrees of individual and family pathology in their backgrounds that may make them vulnerable to current or future mental health problems. The present study revealed that the risk of conduct disorder, depression, and low self-esteem were significantly higher among street children. In a study done by Kerfoot *et al.*, (2007)³⁷ in

Ukraine, behavioral and emotional difficulties. particularly depression were a marked feature of the street children. Various studies have reported estimates of depression among this population ranging from 20-80%.36,38 In the study done by Sarbjeet et al., (2004)36 in India among street children they found that about 69% had behavioral problems, 81% of children had antisocial behavior, 7.8% were neurotic. One explanation for the high rate of conduct disorder may be the fragmented family background and consequent lack of social support and socialization.32 This obviously has implications when implementing life skills education, especially in addressing the emotional needs of these children.32Also low self-esteem has been found to be one important cause of psychological disorders among these children.39

Understanding the causes of street homelessness is important since the street homeless often faces the most severe living conditions and are more difficult to target for outreach and other types of programs designed to aid the very poor and the

homeless. Knowing which households are most likely to end up outside the shelter system will allow policy makers to target aid better toward that group.²⁸ The present study revealed that the main possible causes of leaving home were beating, followed by bad treatment of stepparent, bad treatment of father, and lastly feeling board at home. Other studies reported physical abuse at home as a major cause.^{23, 40} It seems possible that street boys' families were poor and this contributed to their street life, but they did not report this because they did not consider themselves to be poor, or they felt other reasons were more important.

The main way of joining the institute as revealed by the present work was through a family member, through a colleague, member from the institute, alone, and lastly the police. Coming through a family member confirms that familial breakdown is a main possible cause of leaving home. Although children coming alone to join the institute was a small percentage but it emphasises the importance of awareness of those children about the

available institutions that can apply services for them.

Although most street children wander in that environment to work out of economic necessity, they are exposed to a setting that has none of the safety or security of a conventional work place.²¹ The present study revealed that after leaving home, the majority of street children (80.0%) lived in street and their main source of living was begging. They faced problems in the street, mainly with the police and about half of them were subjected to street injuries. The study done by Poornima (2007)¹⁴ found that 10.5% of street children complained of harassment by the police. In Egypt legislation is a problem in that it still permits police to arrest children who are not suspected of crimes but who are 'vulnerable to delinquency'.7

The present study revealed that most of street children were satisfied with the institute. They participated in institute activities, which was mainly in the form of learning skills in addition to reading and writing. Most of them felt not constrained and they take money from

the institute. The incentives, facilities, and safe environment inside the institute let most of street children prefer staying in the institute than returning to the street.

Conclusion:

More than half of street children belonged to families having six or more children, and most of them had low educated parents and unskilled fathers. It can be noticed also that most of them came from low income home backgrounds with bad inter-parental relationship. Positive family history of drug abuse, alcohol intake, smoking, imprisonment was reported. Most of street children reported smoking and school drop out and about a quarter of the street children reported drug abuse. Family violence and physical abuse were reported by most of conduct them. The risk of disorder. depression, and low self-esteem were higher among street children than school children. The most important cause of leaving home was beating by the caregiver. Most of them live in street after leaving home and their main source of living was begging. Majority of them

face problems in street especially with the police. Satisfaction with the institute was reported by most of them as they prefer to stay in the institute than going back to the street.

RECOMMENDATIONS:

- The risk factors emerging from this study can be useful in identifying highrisk families; whose children are likely to be street children and hence can be of use in implementing prevention and rehabilitation programs
- Implementing a life skill program to address the conduct disorders may help to increase the well being of street children.
- Community based rehabilitation program is suggested. Under this program, all street children should be gathered in a community setting and exposed to an array of skills.
- Support NGOs in finding suitable locations for more drop-in centers for street children. Also cooperative efforts

- of public and private organizations are also required.
- Health education of the parents is important to decrease family violence and child abuse.

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