

1 Functional Decline and Quality of Life in Polio Survivor

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4 Received: 4 February 2013 Accepted: 2 March 2013 Published: 15 March 2013

5

6 **Abstract**

7 This article explores the protective effects that finding a purpose in life has on the level of
8 physical and mental impairment and overall quality of life. Result were gathered from a
9 sample of 200 people. Although the combined social and physical experience of living with the
10 disabling effects of polio has been associated with accelerated aging due to an increased
11 allosteric load finding a purpose in life may diminish these effects. The finding of this study
12 indicates that purpose in life is associated with less perceived decline in health. Moreover
13 purpose in life is predictive of better quality of life despite levels of physical and mental
14 impairment.

15

16 **Index terms—**

17 **1 Introduction**

18 ging with the effects of a permanent disability has been a challenge for many polio survivors. Approximately
19 640000 people in the United States have some degree of impairment related to polio (March of ??imes, 2001).
20 Many have worked hard to participate fully in society, which has affected their health ??Harrison and Stuifbergen,
21 2005). Researchers report that secondary conditions and comorbidities are well above the national rate in people
22 living with the effect of polio (Campbell, sheets, and strong, 1990); Harrison and Stuifbergen 2001). The
23 cumulative stress from pushing their bodies as the ache with the disability has been reported as consistent
24 with explanations provided by the combined disablement process and allosteric load models ??Harrison and
25 Stuifbergen 2001). The effects of long term stress however may be reduced by having a positive psychological
26 outlook ?? Frankal , 1984; ??yll and Singer, 1998; ??aylor, 1983). The article explores the protective effects of
27 finding a purpose in life for aging polio survivors finding a purpose in life is associated with physical limitations,
28 symptoms of depression, and quality of life thus a greater purpose in life is associated with less physical decline
29 this study aims to find that purpose in life will predict better quality of life beyond the effects of physical
30 impairment and depression.

31 **2 II.**

32 **3 Pakistan**

33 Polio eradication is a priority program for the country national emergency has been declined by the Author ?
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36 mair57@gmail.com Author ? : Assistant Professor Lahore business school, The University of Lahore. E-mail :
37 amirrazi_2000@yahoo.com government of the Pakistan to interrupt polio transmission and achieve the goal of
38 eradication.

39 A critical view of the augmented NEAP 2012 was initiated in the last quarter of 2012.The prime minister
40 monitoring and coordination cell in collaboration with WHO and UNICEF held a special consulting meeting in
41 November 2012 to appraise the impact of augmented NEP 2012 implementation is special focus on polio reservoirs
42 and outbreak areas. The government of Pakistan provisional government partners international experts on polio
43 independent academic as well as political and religious advocate participated in the consultation key strategies

7 PHYSICAL LIMITATION

44 and actions for improving implementation of the NEAP were identified and utilized to develop reservoirs specific
45 work plans part 2013 as of 18dec. Pakistan has reported 56 cases of polio in 2012 compared to 190 during the
46 same period in 2011. All but there wide polio cases were due to wild polio virus type-1 through Karachi and
47 Quetta has not reported any wild polio case this year. There has been 40%decrease in the number of the polio
48 cases reported from FATA compared to the same time period to last period. Khyber agency has reported 11
49 polio cases there has been an upsurge in the number of polio cases in the Khyber paktukhan since July 2012 the
50 province has reported 25polio cases in 2012.

51 The major risk for contained transmission in EATA and Khyber paktukhan is primarily because of the
52 insecurity resulting in the compromise excess children gaps in adultery implementing the transits and migrant
53 strategies persistent pockets of refusals and not cracking and reaching the mist children after every SIA. The
54 program expanded environmental severance to 11cities and towns in 2012. This is helping in better understanding
55 the virus transmissions and patterns and tailoring appropriate strategies to interrupt it there hasn't persistent
56 isolation of WPV 1 from the designated environmental sites. A. Anashia ? , Amir Razi ? , M. Danish Javed
57 ? , Ali Usman ? , Umair Ali ? , M. Imran ? & Fahd Javed ? 5. To listen the economic /social burden in the
58 community country III.

59 Literature Review events may provide physical and psychological benefits for example in a study of elderly
60 people meaning in life was defined as a sense of purpose intelligibility and manageability that was associated with
61 continued family contact higher self-esteem and better reported health IV.

62 4 Methodology

63 We make the questionnaire and collect the primery data. We fill out the questionnaire from 200 people. We
64 target the students, businessman and employees. We make 9 questions related to our objectives and try to get
65 the relevant data from the respondents.

66 V.

67 5 Demographic Data

68 A background information sheet was used to collect data on a variety of demographic and disease and
69 characteristics. This information was used to describe the socio demographic characteristics of the sample.
70 Age, educational status, marital status, and employment status VI.

71 6 Functional Decline

72 Functional decline was measured with one item during the past 5 years, how much decrease have you experienced
73 in your ability to carry on your normal activities of daily living—compared with your physical best? VII.

74 7 Physical Limitation

75 The Incapacity status scale was used to provide information specific to functional limitation and severity of major
76 symptoms present in participants who had polio it is a 0 to 45 or more for this study, items were reduced to
77 after 15 after being reviewed by two expert consultants. All items except one were judged to be valid for the
78 functional limitations experienced by polio survivors and it has been successfully in a pilot of people who had
79 polio functional limitation is defined as the process of not being able to perform common tasks. We take data
80 from 200 respondents in which 70%respondents were male and 30 % respondents were female. In addition to
81 this 60% of respondents are between the age of 18-25, 37.5% answerer were between the age of 26-35 years, 1.5%
82 respondents between the age of 36-45 and 0.5% respondents were above the age of 45 years. Furthermore 65%
83 of respondents were accounted for students, 15% respondents were business, 15% were employees and 5% belong
84 to other occupations. Table ?? : Is polio still a disease seen in the Pakistan? Our first question is shows above
85 in response to this 45% respondents said yes in response to this question. In addition 25% respondents said no
86 and 30% respondent said they don't have any information about it.

87 Table ?? : Do you agree with statement that "vaccination is necessary for every child whom age is less than
88 five years"

89 In response to this question 45% respondents strongly agree with this, 27.5% respondents were agree with it,
90 15% respondents were disagree with this, 5% respondents were strongly disagree with it and 7.5% said they don't
91 know about it. Table ?? : Do you think that polio vaccination is not healthy for your children???.?

92 In response to this question 42.5% respondents strongly agree with this, 41% respondents were agree with it,
93 9% respondents were disagree with this, 2.5% respondents were strongly disagree with it and 5% said they don't
94 know about it. In response to this question 19% respondents strongly agree with this, 48.5% respondents were
95 agree with it, 11.5% respondents were disagree with this, 13% respondents were strongly disagree with it and 8%
96 said they don't know about it.

97 Table ?? : Do you think that media is playing positive role in polio awareness?

98 In response to this question 47.5% respondents strongly agree with this, 17.5% respondents were agree with
99 it, 18% respondents were disagree with this, 9.5% respondents were strongly disagree with it and 7.5% said they
100 don't know about it.

101 Table ?? : Do you want to make a polio free Pakistan?

102 In response to this question 41% respondents strongly agree with this, 37.5% respondents were agree with it,
103 7.5% respondents were disagree with this, 8% respondents were strongly disagree with it and 6% said they don't
104 know about it.

105 Table ?? : Do you believe that is there any risks associated with the Polio Vaccine?

106 Our question is shows above in response to this 10.5% respondents said yes in response to this question.
107 In addition 59.5% respondents said no and 30% respondent said they don't have any information about it.
108 "Organizing, counseling and emotional support for people with polio affected is crucial"?

109 In response to this question 17.5% respondents strongly agree with this, 35% respondents were agree with it,
110 27.5% respondents were disagree with this, 15% respondents were strongly disagree with it and 5% said they
111 don't know about it.

112 **8 VIII.**

113 **9 Conclusion**

114 The observations from the study were consistent across all the stakeholders interviewed, all regions (rural, urban,
115 tribal) and, all medical colleges supervised by the various Clinical Epidemiology Units.

116 **10 Volume XIII Issue IV Version I**



Figure 1: Objectives 1 .

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013

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Year

Figure 2: Table 1 :

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013
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Year
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Volume XIII Issue IV Version I
Medical Research
Global Journal of

Figure 3: Table 5 :

Variable	Strongly Agree	Agree	disagree	Strongly disagree	Don't know.	Frequency	Percentage %
	90	55	30	10	15	15 %	5 %
						7.5 %	

Figure 4: Do you agree with statement that "vaccination is necessary for every child whom age is less than five years".

Variable	Strongly Agree	Agree	disagree	Strongly disagree	Don't know.	Frequency	Percentage %
Q: Do you think that people need more information regarding polio vaccination?	Strongly Agree	Agree	disagree	Strongly disagree	Don't know.	38	19 %
						97	48.5 %
						23	11.5 %
						26	13 %
						16	8 %

Figure 5: Q: Do you think that polio vaccination is not healthy for your children???.?

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Variable

Q: Do you think that media is playing positive role in polio awareness?	Strongly Agree Agree disagree Strongly disagree Don't know.
013	
2	
Year	
Volume	Q: Do you want to make a polio free Pakistan?
XIII	Strongly Agree Agree disagree Strongly disagree Don't know
Issue	
IV	
Ver- sion	
I	
() F	
Variable	
Our question is shows above in response to this 7.5% respondents said yes in response to this question.	respondent said they don't have any about it.
In addition 55% respondents said no and 37.5%	

Figure 6: Table 9 :

Variable	Yes	21	10.5 %
Q: Do you have any family member effected with polio virus?	No	119	59.5 %
	Do not know	60	30 %
	Frequency		Percentage %
Yes	15		7.5 %
No	110		55 %
Do not know	75		37.5 %

Figure 7: Q: Do you believe that is there any risks associated with the Polio Vaccine?

Figure 8: Table 10 :

118 Characteristically utilizers also confirmed the opinion voiced by the providers. This strongly suggested that
119 the qualitative techniques employed for this project evaluation were quite appropriate and the data thus collected
120 were valid. These include setting a national agenda for polio eradication, creating demand for OPV, increasing
121 booth attendance during National Immunization Days, pushing for universal coverage through mobilization
122 of local partnerships and networks, and overcoming pockets of resistance to vaccination among caregivers in
123 unreached and underserved areas. This review documents the value and crucial contribution of carefully planned
124 and closely monitored communication in building widespread support and understanding, as well as accessing
125 unreached populations and overcoming resistance. There is no vaccine against resistance or refusals that are
126 rooted in social-cultural, religious and political contexts.

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