

LIST OF FIGURES

Figure 1.1: HIV Incidences / 1000 population in various parts of India.....	2
Figure 1.2: Estimated number of PLHIV in various states of India.....	3
Figure 2.1: <i>Ojas</i> : Production, depletion and enhancement	24
Figure 3.1: The warning on the drug Zudovudine drug bottle	42
Figure 3.2: A condom promotion chariot!	43
Figure 3.3: Formation of <i>saptadh tus</i>	44
Figure 3.4: School Children at the Red Ribbon Express	46
Figure 3.5: The red ribbon express, the HUGE condom model and the adolescents.....	46
Figure 4.1: Consort diagram	53
Figure 4.2: Sort function in Microsoft Excel	55
Figure 4.3: Details of PedsQL QOL sub-scales	62
Figure 4.4: Details of PedsQL Fatigue sub-scales	63
Figure 4.5: Components of CDI score	64
Figure 4.6: Categorization of CDI according to CDI2-SR	64
Figure 4.7: Cognitive Function tests	65
Figure 4.8: SLCT scoring.....	65
Figure 4.9: Components of the Stroop test.....	66
Figure 4.10: Digit Span Backward Forward test.....	68
Figure 5.1 : Immune parameters before and after intervention.....	73
Figure 5.2: QOL parameters before and after intervention.....	79
Figure 5.3: Results of cognitive functions	89
Figure 5.4: CD4 cell counts pre and post-intervention, case by case	92
Figure 5.5: CD4/CD8 ratio, pre and post-intervention, case by case.....	92
Figure 5.6: Viral loads pre and post-intervention, case by case.....	92

Figure 6.1: CD4 at baseline and age for both males and females.....	99
Figure 6.2: CD4 counts at baseline for ART and non-ART groups	100
Figure 6.3: Case to case Relation between CD4 and viral load.....	107
Figure 6.4: Case to case relation between CD4/CD8 ratio and viral load.....	107
Figure 6.5: Viral loads, pre and post for two groups based on pre viral load	108
Figure 6.6: Post-intervention immune parameters sub-divided based on BVL.....	109
Figure 6.7 Change in viral load against baseline viral load.....	110

LIST OF TABLES

Table 1.1: Typical values of CD3, CD4, CD8 counts and CD4/CD8 ratio	6
Table 1.2: Cardinal principles of IAYT components.....	13
Table 2.1: References to typical symptoms for HIV/AIDS and <i>ojas k aya</i>	26
Table 3.1: Typical adverse effects of ART	40
Table 4.1: Overview of the components of the current research	51
Table 4.2: Components of yoga intervention (RC1).....	56
Table 5.1: Socio-demographic data (Discrete data).....	70
Table 5.2: Socio-demographic data (Continuous data).....	70
Table 5.3: ART status of participants at baseline	71
Table 5.4: Immune parameters at baseline.....	71
Table 5.5: Comparison of immune parameters of YG and CG after intervention	72
Table 5.6: ANOVA table for immune parameters	73
Table 5.7: QOL scores at baseline	74
Table 5.8: Comparison of QOL between YG and CG after intervention	77
Table 5.9: CDI2-SR raw scores and T-scores at baseline.....	80
Table 5.10: CDI2-SR raw-scores of YG and CG, pre and post-intervention	82
Table 5.11: CDI T-score and categorization at baseline	83
Table 5.12: CDI2-SR T-scores and depression categories pre and post intervention.....	85
Table 5.13: Cognitive functions at baseline	86
Table 5.14: Comparison of Cognitive Functions of YG and CG, pre and post-intervention...88	
Table 5.15: General medical issues of the participants.....	90
Table 5.16: Immune parameters before and after intervention	91
Table 5.17: Summary of immune parameters pre and post-yoga intervention.....	91
Table 5.18: Summary of QOL results	93

Table 5.19: Results of CDI parameters	94
Table 5.20: Results of CDI T-scores and depression category.....	94
Table 5.21: Results of Cognitive Tests.....	95
Table 6.1: Change in immune parameters between ART and non-ART groups.....	101
Table 6.2: Break-up of school functioning score of QOL.....	103
Table 6.3: Performance (Post – Pre) of the YG and CG divided by ART status	104
Table 6.4: Change in viral loads between sub-groups divided on baseline viral loads	108
Table 6.5: Values of all variables included in RC2	110
Table 6.6: Comparison of relative performances of two centers wrt baseline status	115
Table 6.7: Comparison of attributes of studies one and two	116
Table X.1: Change in immune parameters between ART, non-ART groups.....	195
Table X.2: Change in HRQOL parameters between ART, non-ART groups	196
Table X.3: Change in FRQOL parameters between ART, non-ART groups.....	197
Table X.4: Change in CDI parameters between ART , non-ART groups.....	198
Table X.5: Change in cognitive functions between ART , non-ART groups	199
Table XI.6: Comparison of immune parameters between the two studies.....	201
Table XI.7: Comparison of Quality of Life between the two studies.....	201
Table XI.8: Comparison of CDI scores between the two studies.....	202
Table XI.9: Comparison of CDI depression parameter scores between the two studies.....	203
Table XI.10: Comparison of cognitive functions between the two studies.....	203