

LIST OF FIGURES

FIGURES	PAGE
Figure 1 Cerebral circulation: circle of willis	10
Figure 2 Cerebral circulation: A diagram of a midsagittal view of the brain illustrates the distribution of the anterior and posterior cerebral arteries	11
Figure 3 Cerebral circulation: A diagram of a lateral view of the brain illustrates the distribution of the middle cerebral artery	12
Figure 4 Conceptual Framework	50
Figure 5 Procedures	57
Figure 6 Study flow chart	63
Figure 7 Means and SEs of post-treatment effects of the intervention adjusted for age, depression, dementia and baseline measurement of outcome by NIHSS at follow-up at three months	69
Figure 8 Means and SEs of post-treatment effects of the intervention adjusted for age, depression, dementia and baseline measurement of outcome by the Barthel Index at follow-up at three months	71
Figure 9 Outcome of the Barthel index at three months, according to treatment group	73
Figure 10 Outcome of the Modified Rankin Scale at three months, according to treatment group	74
Figure 11 Means and SEs of post-treatment effects of the intervention adjusted for age, depression, dementia and baseline measurement of outcome by the utility index (EQ-5D) at follow-up at three months	75
Figure.12 Means and SEs of 5 dimensions of the EQ-5D at three months	77
Figure 13 Means and SEs of post-treatment effects of the intervention adjusted for age, depression, dementia and baseline measurement of outcome by EQ VAS at follow-up at three months	78

- Figure 14 Means and SEs of post-treatment effects of the intervention 80
adjusted for age, depression, dementia and baseline
measurement of outcome by HADs at follow-up at three months.
- Figure 15 Means and SEs of post-treatment effects of the intervention 82
adjusted for age, depression, dementia and baseline
measurement of outcome by TMSE at follow-up at three months