

Appendix: Regression models of current health status of patients (model 1) and carers (model 2) in the context of meningitis after after-effects

| Variables | MODEL 1 | MODEL 2 |
|------------------------------|---|---|
| | Patient health status regression coefficients (95% CI) | Carer health status regression coefficients (95% CI) |
| After effects | | |
| Behavioural problems | -0.11 (-0.14 to -0.08)*** | -0.03 (-0.05 to -0.01)** |
| Learning disability (mild) | -0.04 (-0.07 to -0.01)** | -0.02 (-0.05 to 0.00) |
| Learning disability (severe) | -0.22 (-0.34 to -0.09)*** | -0.08 (-0.16 to 0.01) |
| Speech/language | -0.05 (-0.09 to 0.00)* | -0.02 (-0.05 to 0.02) |
| Hearing loss (one ear) | -0.02 (-0.05 to 0.02) | 0.01 (-0.02 to 0.04) |
| Hearing loss (both ears) | -0.06 (-0.10 to -0.02)** | -0.01 (-0.04 to 0.03) |
| Sight loss | -0.02 (-0.08 to 0.05) | -0.03 (-0.09 to 0.03) |
| Other visual impairment | -0.03 (-0.09 to 0.02) | -0.02 (-0.06 to 0.02) |
| Seizures | -0.06 (-0.14 to 0.01) | -0.03 (-0.09 to 0.03) |
| Hydrocephalus | -0.08 (-0.19 to 0.03) | 0.05 (-0.02 to 0.12) |
| Hypotonia | -0.13 (-0.20 to -0.05)** | -0.04 (-0.09 to 0.01) |
| Motor limitations | -0.19 (-0.28 to -0.09)*** | 0.01 (-0.06 to 0.08) |
| Incontinence | -0.18 (-0.28 to -0.08)*** | 0.02 (-0.02 to 0.06) |
| Balance problems | -0.05 (-0.09 to -0.01)* | -0.02 (-0.06 to 0.01) |
| Pain (after medication) | -0.12 (-0.18 to -0.06)*** | -0.05 (-0.09 to -0.01)** |
| Amputation(s) | -0.23 (-0.30 to -0.15)*** | -0.01 (-0.05 to 0.04) |
| Scarring or tissue damage | -0.02 (-0.05 to 0.01) | -0.02 (-0.05 to 0.01) |
| Abnormal bone growth | -0.08 (-0.14 to -0.01)* | 0.01 (-0.03 to 0.05) |
| Arthritis/severe joint pain | -0.08 (-0.12 to -0.03)** | -0.04 (-0.07 to 0.00) |
| Kidney damage | -0.01 (-0.08 to 0.05) | -0.01 (-0.07 to 0.05) |
| Other | -0.06 (-0.09 to -0.03)*** | -0.02 (-0.05 to 0.00) |
| Control variables | | |
| Time since infection (yrs) | 0.002 (0.000 to 0.004)* | -0.001 (-0.002 to 0.001) |
| Survivor age (yrs) | -0.003 (-0.004 to -0.002)*** | Not included |
| Network member age (yrs) | Not included | -0.003 (-0.004 to -0.002)*** |
| Survivor sex (male) | 0.031 (0.007 to 0.055)* | Not included |
| Network member sex (male) | Not included | 0.027 (0.004 to 0.051)* |
| | R ² = 0.646 | R ² = 0.141 |
| | n=936 | n=936 |

* p<0.05, **p<0.01, ***p<0.001