

Table 5: Cost of long term complications of meningitis

HEARING LOSS	Probability (%)	Quantity	Unit Cost	Total Cost
Health Care Professional Visits				
Follow-up Pediatrician visit	100%	3	€170.93	€ 512.79
Speech Therapist	50%	3	€ 54.96	€ 82.44
TOTAL				€ 595.23
Diagnostic Tests				
Audiometry	100%	3	€ 30.13	€ 90.39
ABR/BAER	100%	2	€ 66.17	€ 132.34
TOTAL				€ 222.73
Non-Surgical Therapies				
Hearing Aids (2)	90%	1	€ 3,057.92	€ 2,752.13
TOTAL				€ 2,752.13
Surgical Procedures				
Cochlear Implantation	0.5%	1	€ 51,707.00	€ 258.54
TOTAL				€ 258.54
HEARING LOSS: TOTAL COST				€ 3,828.62

DEV. DELAY/MR	Probability (%)	Quantity	Unit Cost	Total Cost
Health Care Professional Visits				
Follow-up Pediatrician visit	100%	6	€170.93	€ 1,025.58
Occupational Therapist	100%	6	€ 54.96	€ 329.76
Physiotherapist	100%	12	€ 54.96	€ 659.52
Speech Therapist	100%	12	€ 54.96	€ 659.52
TOTAL				€ 2,674.38
Diagnostic Tests				
Psychometric Testing	100%	1	€ 953.42	€ 953.42
TOTAL				€ 953.42
DEV. DELAY/MR: TOTAL COST				€ 3,627.80

FOCAL NEURO DEFICITS	Probability (%)	Quantity	Unit Cost	Total Cost
Health Care Professional Visits				
Pediatric Neurologist	100%	3	€ 170.93	€ 512.79
Pediatric Neurosurgeon(initial visit)	40%	1	€ 170.93	€ 68.37
Pediatric Neurosurgeon	40%	1	€ 170.93	€ 68.37
Pediatric Orthopedic Surgeon (initial visit)	25%	1	€ 170.93	€ 42.73
Occupational Therapist	100%	6	€ 54.96	€ 329.76
Physiotherapist	100%	12	€ 54.96	€ 659.52
Speech Therapist	100%	12	€ 54.96	€ 659.52
TOTAL				€ 2,341.07
Diagnostic Tests				
CT head	100%	1	€ 96.00	€ 96.00
EEG	100%	1	€ 174.60	€ 174.60
TOTAL				€ 270.60
Surgical Procedures				
Ventriculoperitoneal Shunt Placement/Revision	20%	1	€ 3,430.64	€ 686.13
TOTAL				€ 686.13
FOCAL NEURO DEFICITS: TOTAL COST				€ 3,297.79

CHRONIC SEIZURES	Probability (%)	Quantity	Unit Cost	Total Cost
Health Care Professional Visits				
Follow-up Pediatrician visit			170.93	€170.93
Pediatric Neurologist	100%	3	€ 170.93	€ 512.79
TOTAL				€ 512.79
Diagnostic Tests				
EEG	100%	2	€ 174.60	€ 349.20
TOTAL				€ 349.20
Non-Surgical Therapies				
Carbamazepine (400mg)	100%	365	€ 0.16	€ 58.40
TOTAL				€ 58.40
CHRONIC SEIZURES: TOTAL COST				€ 1,091.32

Table 6: Long term cost of disability per patient over 15 years				
Long term cost per disability (cost per patient over 15 years)		Likelihood of disability	Cost * Probability	
Hearing Loss	€46,396.74	7.0%	€3,247.77	
Dev. Delay	€43,963.05	50.0%	€21,981.53	
Focal Neuro Deficits	€39,963.96	25.0%	€9,990.99	
Chronic Seizures	€13,225.04	7.6%	€1,005.10	
Long-term cost of disability in € per case (over 15 yrs)			€36,225.39	