**Appendix S1. Information list for data collection**

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| **Part I. <For maternal and child health division of the local health agency>** |
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| *Basic information* |
| 1. Number of screening facilities in the district: |
| 2. Screening strategy in the district: |
|  *universal screening* |
|  *selective screening* |
| 3. Methods of screening |
|  OAE |
|  OAE+AABR |
| 4. Standard price of screening test (first stage + second stage) |
| 5. Number of diagnostic center(s) assigned by the local health agency: |
| 6. Methods of diagnosis tests (please give details) |
|  |
| 7. Standard price of diagnostic tests |
| 8. Referral system between screening facilities and diagnostic center(s) |
|  *yes* |
|  *no* |
| 9. Number of live-born neonates in 2009 (in the surveyed district) |
| 10. Number of live-born neonates in 2009 (in the located province) |
| 11. Proportion of neonates with high risks |
| 12. Prevalence of neonatal hearing loss |
|  (1) in the general population |
|  (2) in those with high risk |
| 14. Number of neonates who were screened in 2009 |
| 15. Number of neonates referred after the screening results (in 2009) |
|  (1) Referral rate in the first step:  |
|  (2) Follow-up rate to the second step:  |
|  (3) Loss rate to the second step: |
|  (4) Referral rate in the second step:  |
| 16. Sensitivity and specificity of screening techniques |
|  (1) Sensitivity |
|  (2) Specificity |
| 17. Number of infants diagnosed among those screened |
|  (1) diagnosed within 6 months (+) (-) |
|  (2) diagnosed after 6 months (+) (-) |
| 18. Number of infants intervened among those diagnosed |
|  (1) intervened within 12 months |
|  (2) intervened after 12 months |
| 19. Number of follow-ups to high-risk infants |
| 20. Number of infants passed the screening test but detected the disorder during the follow-up |

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| **Part II-1. <For screening facilities in the district>** |
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| ***Cost for neonatal hearing screening program*** |
| ***<program level cost>*** |
| Labour |
|  wage and bonus of medical staff engaged in neonatal screening |
| Fixed capital |
|  building space |
|  screening machines |
|  office and medical equipment |
| Operating and management costs |
|  outreach costs |
|  follow-up costs |
|  occupational education |
|  management of database and case records |
| Overhead costs |
|  electricity |
|  communication fee |
|  maintenance |
| Consumables |
|  medical supplies |
|  office equipment |
| Depreciation |
|  depreciation rate of fixed capital |

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| **Part II-2. <For diagnostic center(s) and rehabilitation center(s) in the district>** |
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| ***Basic Information*** |
| Interventions provided in this facility |
|  *pharmaceutical treatment* |
|  *surgical treatment* |
|  *fitting hearing aid* |
|  *fitting cochlear implant* |
|  *auditory and linguistic training* |
|  *social-family rehabilitation guidance* |
| ***Costs estimates*** |
| ***<Facility side>*** |
| Labour |
| Fixed capital |
|  building space |
|  machines for auditory tests |
|  office and medical equipment |
| Operating and management costs |
|  occupational education |
|  management of database and case records |
| Overhead costs |
|  electricity |
|  communication fee |
|  maintenance |
| Consumables |
|  medical supplies |
|  office uses |
| Depreciation |
|  depreciation rate of fixed capital |
| ***<Patient side>*** |
| Medical and auditory tests for diagnosis |
| Pharmaceutical costs |
| Surgery |
| Hearing aid / cochlear implant |
| Rehabilitation course (unit cost × duration) |