Telephone patient questionnaire (V5)

1. Interview -> 3 months after the accident (IV1)
2. Interview -> 12 months after the accident (IV2)

"Foreign-rating" interview

Ruhr University Bochum, the traumatic brain injury study of the <Clinic>, my name is <interviewer>. Am I speaking to <KSEX> <KVN> <KNN>?

(<KSEX>, <KVN>, <KNN>, etc. appear dynamic)

<PSEX> <PVN> <PNN> was in inpatient treatment about <3 or 12> months ago after a traumatic brain injury. You were named to us as a contact person of <pSEX> <PVN> <PNN>. As announced by Dr. <Doctor>, we are calling you today and would like to ask you to answer a few questions.

1) Could you now take time for it, or is <pSEX> <PVN> <PNN> able to answer the questions himself / herself?

Clarification when requesting more information;
The current telephone survey is intended to find out how you are today and whether you retained complaints after the accident at the time. The data is only used for medical research and quality assurance. The data is anonymized, i.e. your personal data will not be passed on to anyone. After evaluating all the data, we hope to receive important information about traumatic brain injury and the effectiveness of the treatments initiated.

☐ OK - Interview 1 start
☐ OK - interview but "self-rating" jump to "self-rating"
☐ Automatic callback appointment is automatically postponed by x hours
☐ CALLBACK for interview schedule new appointment and register other phone number
☐ CALLBACK not yourself on the phone schedule new appointment and register other phone number
☐ denial jump to capture the reasons
☐ passed away

2) Are you a relative, an acquaintance, or the nursing staff of <PSEX> <PVN> <PNN>?

☐ relatives
☐ acquaintances
☐ nursing staff
☐ n/a (not specified)

3) Are you the legal guardian of <PSEX> <PVN> <PNN>?

☐ Yes
☐ No.
☐ n/a

The following questions refer to complaints related to the traumatic brain injury:

4) Has <PSEX> <PNN> still troubles that result from traumatic brain injury?

☐ Yes
☐ No (continue with 5)
☐ n/a (not specified) (continue with 5)
Has he/she since the traumatic brain injury... No Yes n/a

- movement disorders
- speech disorders
- visual disorders
- hearing disorders
- Has he/she been forgetful since the TBI?
- Has he/she often been sad or depressed since the TBI?

The following questions refer to treatments related to the traumatic brain injury:

5) Did <pSEX> <PNN> receive additional treatments due to the traumatic brain injury after discharge from the hospital or from the rehabilitation?

- Yes
- No (continue with 6)
- n/a (continue with 6)

5.a) Which additional treatments did he/she receive due to the traumatic brain injury after discharge?

- family medical treatment
- specialist treatment
- occupational therapy
- speech and language therapy
- physiotherapy
- psychological therapy
- neuropsychological therapy
- other therapies

6) Was another hospital stay necessary due to the traumatic brain injury?

- inpatient therapy
- semi-inpatient therapy
- no
- n/a

7) Did <PSEX> <PNN> receive any aids after the traumatic brain injury (e.g. hearing aid, wheelchair, walking aids, etc.)?

- no
- yes
- n/a

The following questions relate to possible surgeries related to the traumatic brain injury:

8) Did <PSEX> <PNN> receive any head surgery due to the traumatic brain injury?

- no (continue with 11)
- yes
- n/a (continue with 11)
9) Has <PSEX> <PNN> received a shunt operation for cerebrospinal fluid diversion due to the traumatic brain injury?

- no (continue with 10)
- yes
- n/a (continue with 10)

9.a) Can you name the type of diversion and/or the valve type?

- no.
- yes __________ (free text)
- n/a

9.b) How often has the valve been adjusted in the meantime?

- not at all
- 0-5 times
- more than 5 times
- n/a

9.c) Were there any complications related to the shunt?

- no.
- yes ______________ (please specify!) (free text)
- n/a

10) Has a bone flap been removed from the head <PSEX> <PNN> due to the traumatic brain injury?

- no (continue with 11)
- yes
- n/a (continue with 11)

10.a) Has the bone flap (or a replacement implant) been re-implanted in the meantime?

- no (continue with 11)
- yes
- n/a (continue with 11)

10.b) Was the reinsertion of the bone flap carried out together with the implantation of a shunt system?

- no
- yes
- n/a

10.c) Did he/she suffer from any complications afterwards (e.g. infections, bone necrosis, loosening of the implant?)

- no (continue with 11)
- yes
- n/a (continue with 11)

10.d) Did another operation have to be performed due to complications (e.g. explantation?)

- no.
- yes
- n/a
10.e) Has the bone flap or the replacement implant been re-implanted?
- no.
- yes
- n/a

The following questions relate to the private and professional environment:

11) Has the housing situation of <pSEX> <pNN> changed due to the traumatic brain injury?
- yes
- no (*continue with 12.a*)
- n/a (*continue with 12.a*)

11.a) Where does he/she live now?
- in a nursing home or in a care facility
- in assisted living
- with relatives or partners
- alone and independently
- alone with care
- other

12.a) Is <pSEX> <pNN> getting along just as well *in everyday life* (e.g. personal hygiene, shopping, etc.) as it was before the traumatic brain injury?
- yes
- no
- partly / partly
- n/a

12.b) Is he/she getting along just as well *in family life* as it was before the traumatic brain injury?
- yes
- no
- partly / partly
- n/a

12.c) Is he/she getting along just as well *with friends* as it was before the traumatic brain injury?
- yes
- no
- partly / partly
- n/a

12.d) Is he/she getting along just as well *in social life* as it was before the traumatic brain injury?
- yes
- no
- partly / partly
- n/a

12.e) Does <pSEX> <pNN> still maintain his/her hobbies as he/she did before the traumatic brain injury?
- yes
13.a) Which occupation did <pSEX> <PNN> pursue before the traumatic brain injury?
- school student
- college student
- part-time job
- full-time job
- unemployed
- unable to work
- pensioner
- not employed
- n/a

13.b) Did his/her occupation change due to traumatic brain injury?
- no (continue with 14)
- yes
- n/a (continue with 14)

13.c) Which profession does <pSEX> <PNN> pursue currently?
- school student
- college student
- part-time job
- full-time job
- unemployed
- unable to work
- pensioner
- not employed
- n/a

14) Has he/she applied for an ID card for severely handicapped persons due to the traumatic brain injury?
- no
- yes
- n/a

for IV1:
Thank you very much for the information! In about nine months we will call you one last time to ask about the health of <pSEX> <PNN>.

for IV2:
Thank you very much for the information. With this telephone interview, the traumatic brain injury study has now been completed for <pSEX> <PNN>. No further calls will be made. Thank you very much for your cooperation in the study.