| 1. | Which kind of challenging behaviour is observed? | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------|
| | ☐ Passive behaviour | for example to withdraw oneself, to be apathetic, not reacting, not communicating | |
| | Restless, active, non aggressive behaviour | for example pacing and aimless wandering, pushing objects around, collecting things, | |
| | | monotonous repetitive activity/movements | |
| | Physically aggressive behaviour | for example hitting, biting, scratching, pushing | |
| | Verbally aggressive behaviour | for example cursing, screaming, threatening, insulting loudly | |
| | ☐ Verbally non aggressive behaviour | for example repetitive questions, repetitive sentences, shouting, moaning, screaming, making | g noises |
| | Other behaviour | for example uninhibited | |
| 2. | Exactly how is the resident behaving in the challenging si | ituation? | |
| | Please take notes (cues) | | _ |
| | | | |
| 3. | When did the behaviour occur for the first time? | ☐ Unknown | |
| | Please write down period of time/moment: | | Unclear |
| 4. | Did a particular event take place shortly before the behav | viour occurred for the first time? | |
| | | | |
| | ☐ Move in ☐ Ne | ew room neighbor | Unclear |
| | | ew room neighbor Illness Change in nursing team ange of medications Others, please note: | Unclear |
| 5. | | ange of medications | Unclear |
| 5. | At what time (daytime/night-time) does the behaviour us | ange of medications | Unclear |
| 5. | Stay in hospital | ange of medications | ☐ Unclear |
| 5. | At what time (daytime/night-time) does the behaviour us | ange of medications | Unclear |
| 5. | Stay in hospital Change | ange of medications | Unclear Unclear |
| | Stay in hospital Characteristic Char | ange of medications | ☐ Unclear |
| | Stay in hospital Characteristic Char | ange of medications | _ |
| 6. | Remarks: Stay in hospital Iam 2 3 4 5 6 7 8 9 Remarks on the time: Remarks: For how long does the behaviour usually last (in the last for how long does the behaviour usually last (in th | ange of medications Others, please note: Sually occur (in the last fortnight)? | ☐ Unclear |
| 6. | Remarks on the time: Remarks: For how long does the behaviour usually last (in the last for Remarks: How often does the behaviour usually occur (in the last for Remarks) | ange of medications Others, please note: Sually occur (in the last fortnight)? | Unclear Unclear |
| 6. | Remarks: Stay in hospital Iam 2 3 4 5 6 7 8 9 Remarks on the time: Remarks: For how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in the last for how long does the behaviour usually last (in th | ange of medications Others, please note: Sually occur (in the last fortnight)? | ☐ Unclear |
| 6. | Remarks on the time: Remarks: For how long does the behaviour usually last (in the last for Remarks: How often does the behaviour usually occur (in the last for Remarks) | ange of medications Others, please note: Sually occur (in the last fortnight)? | Unclear Unclear |

Assessment of challenging behaviour and its effects

| 8. | | | | | | |
|-----|---------------------------------------------------------|-----------------------|------------------------------|-------------------------|---------|--|
| | Place: | | | | Unclear | |
| | Remarks: | | | | | |
| 9. | Who is <u>usually</u> present while the challenging bel | aviour occurs | (in the last fortnight)? | ☐ No other people | | |
| | ☐ Nurses/staff (who exactly?) | | Doctors | (who exactly?) | Unclear | |
| | Other residents (who exactly?) | | Others (| who exactly?) | | |
| | ☐ Friends/Family (who exactly?) | | | | | |
| | Remarks: | | | | | |
| 10. | Are there certain situations in which the behavio | ur <u>usually</u> occ | urs (in the last fortnight)? | | | |
| | Yes, which ones?: | | | D No | Unclear | |
| | | | | | | |
| 11. | | | | | | |
| | ☐Please take notes: | | | | Unclear | |
| 12. | What consequences/effects do these emotions/i | eactions have | on the resident's behavio | ur? | | |
| | ☐ Unclear | | | | | |
| | ☐ Positive consequences: Behaviour is | influenced in a | positive way | | | |
| | □ Negative consequences: Behaviour is | | | | | |
| | Remarks: | | , | | | |
| 13. | Are there any signs, that the behaviour shown b | y the resident | is irksome or unpleasant? | | | |
| | For the resident | □ No | Unclear | ☐ Yes, in what respect: | | |
| | For other residents | ☐ No | ☐ Unclear | ☐ Yes, in what respect: | | |
| | For the staff | ☐ No | | Yes, in what respect: | | |
| 14. | Are there any signs, that the behaviour shown b | y the resident | has an impact on the issue | e of safety? | | |
| | Resident (puts himself/herself at risk) | ☐ No | ☐ Unclear | ☐ Yes, in what respect: | | |
| | Other Residents (puts other residents at risk) | ☐ No | ☐ Unclear | Yes, in what respect: | | |
| | Staff (puts staff at risk) | ☐ No | | ☐ Yes, in what respect: | | |

| - | ≺ |
|----|----|
| - | _ |
| + | _ |
| - | _ |
| ١ | v |
| 4 | _ |
| i | 7 |
| ٠ | ,, |
| - | |
| C | υ |
| 3 | |
| 2 | > |
| .= | _ |
| _ | _ |
| | _ |
| 7 | = |
| 2 | _ |
| Ē | _ |
| | u |
| i | ~ |
| 2 | J |
| • | ٦, |
| L | J |
| | |
| ٠ | |
| _ | _ |
| | |
| • | מ |
| ١, | v |
| • | 1) |
| | _ |
| ۷. | _ |
| - | - |
| | |

A: State of health and independence in everyday life

| | 1. | Can a d | delirium/ an acute clouding of consciousness be | excluded? | | Yes | ☐ No ☐ Unclear | What ha | as to be done? |
|------------------|---------------------------------------------------------------|---------|-------------------------------------------------|----------------------|-----------------------------------------------|-----------------------|---------------------------------------|---------|-------------------------|
| | | | | | | | | 0 | Clarification necessary |
| | | | | | | | | 0 | Interventions necessary |
| | | | | | | | | 0 | Stays important |
| | 2. | Has the | resident been diagnosed with dementia? | | | ☐ No | ☐ Unclear | 0 | Clarification necessary |
| | | Yes, by | whom: | _, when: | Туре | of dementia: | | 0 | Interventions necessary |
| | | | | | | | | 0 | Stays important |
| | 3. | At wha | t stage of dementia is the resident? | Severity | Cognition | Mode of living | Mini-Mental State | | |
| | Stage: _ | | | o mild | Solving of complicated | Limited but possible | Examination Less than 23-24 points | | ol it. ii |
| | Accordi | ng to: | | | tasks is not possible | | | 0 | Clarification necessary |
| Sn: | If unknown please assess here (according to) | | | o moderate | Solving of simple tasks partially possible | Depends on help | Less than 20 points | 0 | Interventions necessary |
| stat | | | | o severe | Threads are not | Independent living is | Less than 10 points | 0 | Stays important |
| ۸e | | | | o severe | comprehensible anymore | impossible | tess than 10 points | | |
| niti | | | | | | | | | |
| Cognitive status | 4. Which of the resident's memory functions are still intact? | | | | | | | | |
| | a. Does s/he still remember important events fron | | | m her/his past? | | | ☐ Unclear | | Clasification |
| Area I: | ☐ Yes, most of the time/nearly everything | | | | | | | 0 | Clarification necessary |
| ٩ | | | ☐ Parts | | | | | 0 | Interventions necessary |
| | Only a few things/seldom | | | ☐ Ab | lity to remember is | unstable | | 0 | Stays important |
| | ☐ Nearly nothing ☐ Ability to remember is stable | | | | | | | | |
| | Remarks: | | | | | | | | |
| | | b. | Can s/he her/his own personal data (name, ag | e marital status, pr | ofession etc.)? | | Unclear | | |
| | | | ■ Mostly unrestricted | | | | | | |
| | Partly restricted | | | | | | | 0 | Clarification necessary |
| | | | ☐ Strongly restricted | □ Ah | ility to remember is | unstable | | 0 | Interventions necessary |
| | | | □ Nearly nothing | | ility to remember is | | | 0 | Stays important |
| | | Remark | | ⊸ Ab | inty to remember is | Stable | | | |
| | | Kemark | \J. | | | | | | |

A: State of health and independence in everyday life

| C. Is s/he aware of her/his present situation (place of living, life circumstances, illnesses etc.)? Yes, most of the time/nearly everything Interventions necessary In | | 4. Which of the res | ident's memory functions are still intact? | | | What ha | s to be done? |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------------|----------------------------------------|-----------|---------|-------------------------|
| Parts Parts | | c. Is s/he o | nware of her/his present situation (place of living | , life circumstances, illnesses etc.)? | Unclear | 0 | Clarification necessary |
| Confy a few things/seldom | | ☐ Yes, | most of the time/nearly everything | | | 0 | Interventions necessary |
| Nearly nothing | | ☐ Parts | S | | | 0 | Stays important |
| Remarks: d. Does s/he find her/his way around in the rooms that are important for her/his everyday life? (e.g. her/his private room, in the residential areas, in the home, outside the home) Mostly unrestricted | | ☐ Only | a few things/seldom | ☐ Ability to remember is unstable | | | |
| d. Does s/he find her/his way around in the rooms that are important for her/his everyday life? (e.g. her/his private room, in the residential areas, in the home, outside the home) Mostly unrestricted Partly restricted Nearly nothing Nearly nothing Sense of orientation is unstable Nearly nothing Nearly nothing Sense of time is unstable Nearly nothing Sense of time is table Nearly nothing Sense of time is unstable Nearly nothing Strongly restricted Partly restricted Strongly restricted Nearly nothing Ability is unstable Stays important Oclarification necessary Interventions necessary Stays important Oclarification necessary Interventions necessary Stays important | | ☐ Near | ly nothing | ☐ Ability to remember is stable | | | |
| Clarification necessary Clarification ne | | Remarks: | | | | | |
| Mostly unrestricted Sense of orientation is unstable Interventions necessary Stays important | | d. Does s/l | he find her/his way around in the rooms that are | important for her/his everyday life? | ☐ Unclear | | |
| Partly restricted Strongly restricted Nearly nothing Remarks: Partly restricted Sense of orientation is unstable Nearly nothing Sense of orientation is stable Nearly nothing Sense of orientation is stable Nearly nothing Sense of orientation is stable Nearly nothing Sense of time is unstable Strongly restricted Nearly nothing Sense of time is unstable Nearly nothing Sense of time is stable Nearly nothing Sense of time is stable Octarification necessary | | (e.g. he | r/his private room, in the residential areas, in the | home, outside the home) | | | |
| Remarks: Sense of orientation is stable Remarks: | ω. | ☐ Mos | tly unrestricted | | | 0 | • |
| Remarks: Sense of orientation is stable Remarks: | atus | ☐ Parti | y restricted | | | 0 | • |
| Nearly nothing Sense of orientation is stable Remarks: Unclear Mostly unrestricted Sense of time is unstable Clarification necessary Interventions necessary Strongly restricted Sense of time is stable Remarks: | itive sta | ☐ Stro | ngly restricted | ☐ Sense of orientation is unstable | | 0 | Stays important |
| Strongly restricted Strongly restricted Nearly nothing Sense of time is unstable Sense of time is stable Remarks: Interventions necessary Stays important Clarification necessary Ability is unstable Nearly nothing Ability is stable Nearly nothing Ability is stable | | | | ☐ Sense of orientation is stable | | | |
| Strongly restricted Strongly restricted Nearly nothing Sense of time is unstable Sense of time is stable Remarks: Interventions necessary Stays important Clarification necessary Ability is unstable Nearly nothing Ability is stable Nearly nothing Ability is stable | ngc | Remarks: | | | | | |
| Strongly restricted Strongly restricted Nearly nothing Sense of time is unstable Sense of time is stable Remarks: Interventions necessary Stays important Clarification necessary Ability is unstable Nearly nothing Ability is stable Nearly nothing Ability is stable | <u></u> | e. Does s/l | he still have sense of time (time of day, time of w | eeks, seasons etc.)? | Unclear | | |
| Strongly restricted Strongly restricted Nearly nothing Sense of time is unstable Sense of time is stable Remarks: Interventions necessary Stays important Clarification necessary Ability is unstable Nearly nothing Ability is stable Nearly nothing Ability is stable | еа | ☐ Mos | tly unrestricted | | | | |
| Sense of time is unstable Nearly nothing Remarks: f. Is s/he able to complete an activity (brushing teeth, eating her/his meal etc.)? Mostly unrestricted Partly restricted Strongly restricted Ability is unstable Nearly nothing Ability is stable Stays important Clarification necessary Interventions necessary Stays important | ₹ | ☐ Parti | y restricted | | | 0 | • |
| Remarks: f. Is s/he able to complete an activity (brushing teeth, eating her/his meal etc.)? Mostly unrestricted Partly restricted Strongly restricted Nearly nothing Ability is unstable Nearly nothing | | ☐ Stro | ngly restricted | ☐ Sense of time is unstable | | 0 | • |
| f. Is s/he able to complete an activity (brushing teeth, eating her/his meal etc.)? Mostly unrestricted Partly restricted Strongly restricted Ability is unstable Nearly nothing Ability is stable Unclear Clarification necessary Interventions necessary Stays important | | ☐ Near | rly nothing | ☐ Sense of time is stable | | O | Stays important |
| □ Mostly unrestricted ○ Clarification necessary □ Partly restricted ○ Interventions necessary □ Strongly restricted □ Ability is unstable □ Nearly nothing □ Ability is stable | | Remarks: | | | | | |
| Partly restricted Strongly restricted Nearly nothing Ability is unstable Ability is stable Clarification necessary Interventions necessary Stays important | | f. Is s/he o | able to complete an activity (brushing teeth, eati | ng her/his meal etc.)? | ☐ Unclear | | |
| □ Strongly restricted □ Strongly restricted □ Nearly nothing □ Ability is unstable □ Ability is stable □ Stays important | | ☐ Mos | tly unrestricted | | | | |
| Strongly restricted Ability is unstable Nearly nothing Ability is stable | | ☐ Parti | y restricted | | | 0 | • |
| Nearly nothing Ability is stable | | ☐ Stro | ngly restricted | ☐ Ability is unstable | | 0 | • |
| | | | | | | 0 | Stays important |
| | | | - | | | | |

IdA Innovative Dementia Orientated Assessment Tool A: State of health and independence in everyday life 4. Which of the resident's memory functions are still intact? What has to be done? ☐ Unclear g. Does she/he recognize important items of everyday life (agnosia)? Clarification necessary Interventions necessary ■ Mostly unrestricted Stays important ☐ Partly restricted Area I: Cognitive status ☐ Strongly restricted ☐ Ability is unstable ■ Nearly nothing ☐ Ability is stable Remarks: Unclear h. Does s/he remember information, received a day or less beforehand? ■ Mostly unrestricted Clarification necessary ■ Partly restricted Interventions necessary ☐ Strongly restricted ☐ Ability is unstable Stays important ■ Nearly nothing ☐ Ability is stable Remarks: 5. Does s/he show any mobility-related impairment? ☐ Limitations ☐ Unclear Change of body / positional change ■ No limitation ■ No limitation ☐ Limitations ☐ Unclear Change of place / locomotion Area II: Physical situation and discomfort Clarification necessary ■ No limitation ☐ Limitations ☐ Unclear Stamina Interventions necessary ■ No limitation ☐ Limitations ☐ Unclear Coordination Stays important ☐ increased ☐ decreased □ Does not fit □ Unclear Movement need Other limitations: 6. Does she/he have problems in connection with food or fluid intake? □ No ☐ Unclear ☐ Yes Hunger Clarification necessary ☐ Yes □ No ☐ Unclear **Thirst** Interventions necessary Oral health / dental status ■ No limitation ☐ Limitations ☐ Unclear

■ No limitation

■ No limitation

☐ increased

☐ Limitations

decreased

☐ Limitations

Stays important

☐ Unclear

☐ Unclear

Does not fit Unclear

Copyright: M. Halek (2010), German Center for Neurodegenerative Diseases (DZNE), Witten

Ability to swallow

Other:

Energy requirements

Independent food intake

| 1 -1 4 | | D = =+!- | 0 | Assessment Tool |
|--------|------------|----------|------------|-----------------|
| ICA | innovative | Dementia | Urientated | Assessment Lool |

A: State of health and independence in everyday life

| 7. | Does s/he show limitations with bowel or bladded | r function? | | | | | What ha | as to be done? |
|-----|---------------------------------------------------------|-------------|----------------|--------------|--------------|-----------|---------|-------------------------|
| | Urge to urinate/urinary retention | increas | sed | decreased | Does not fit | ☐ Unclear | 0 | Clarification necessary |
| | Defecation | Obstipation | ation | ☐ Diarrhoea | Does not fit | ☐ Unclear | 0 | Interventions necessary |
| | Urinary tract infection | Yes | | ☐ No | | ☐ Unclear | 0 | Stays important |
| | Other: | | | | | | | |
| 8. | Does s/he have sleep problems? | | | | | | | |
| | Disturbed nightly sleep | ☐ Yes | | □ No | | Unclear | 0 | Clarification necessary |
| | Circadian dysryhthmia | ☐ Yes | | ☐ No | | Unclear | 0 | Interventions necessary |
| | Sleeps a lot at during the day | ☐ Yes | | □ No | | Unclear | 0 | Stays important |
| | Other sleeping problems: | | | | | | | |
| 9. | Does s/he have trouble with vital physical function | ns? | | | | | | |
| | Breathing trouble | Yes | | □ No | | ☐ Unclear | 0 | Clarification necessary |
| | Circulatory disorders | Yes | | ☐ No | | ■ Unclear | 0 | Interventions necessary |
| | Blood pressure | ☐ high | ☐ low | normal | Does not fit | ☐ Unclear | 0 | Stays important |
| | Fever | ☐ Yes | | □ No | | | | |
| | Other: | | | | | | | |
| 10. | Are there signs of a depression? | ☐ Yes | | □ No | | Unclear | 0 | Clarification necessary |
| | | | | | | | 0 | Interventions necessary |
| | | | | | | | 0 | Stays important |
| 11. | Is it possible that she/he is in pain? | Yes, se | e assessment a | according to | ☐ No | ☐ Unclear | 0 | Clarification necessary |
| | | | | | | | 0 | Interventions necessary |
| | | | | | | | 0 | Stays important |
| 12. | Is it possible that she/he has delusions or hallucing | | | _ | | _ | 0 | Clarification necessary |
| | Delusions | Yes | | □ No | | Unclear | 0 | Interventions necessary |
| | Hallucinations | ☐ Yes | | □ No | | Unclear | 0 | Stays important |
| 13. | Does s/he take drugs, which causes adverse side | effects? | ☐ No | | ☐ Unc | clear | 0 | Clarification necessary |
| | _ | | | | | | 0 | Interventions necessary |
| | Yes, which medication and which side effects: | | | | | | 0 | Stays important |
| 14. | Does s/he have other significant illnesses, physical in | mpairment o | or discomfort? | ☐ No | | Unclear | 0 | Clarification necessary |
| | | | | | | | 0 | Interventions necessary |
| | Yes, please note: | | | | | | 0 | Stays important |

| Innovative Dementia Orientated Assessment Tool | | | A: State of health and | independence in everyday life |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 15. Is s/he emotionally burdened/stressed by being Dependency with movement/locomotion Dependency with physical care Dependency with getting dresses | □ No burden/stress□ No burden/stress□ No burden/stress | -care ability for daily life activ ☐ Burden/stress ☐ Burden/stress ☐ Burden/stress | ☐ Unclear☐ Unclear☐ Unclear☐ Unclear | Clarification necessaryInterventions necessarStays important |
| Dependency with fluid/food intake Dependency with execration Other (for example getting in contact with oth | ☐ No burden/stress ☐ No burden/stress ers): | ☐ Burden/stress☐ Burden/stress | ☐ Unclear☐ | |
| 16. Does nursing-assistance in everyday life activitYes, which: | ities/situations cause stress or bu | rden for the resident? | No U nclear | Clarification necessaryInterventions necessaryStays important |
| A 1.Can the challenging behaviour be explain | Sumr | | | □ No |
| Probably yes please take down po | | ientiu: | | |
| To be taken into account in intera | | ☐ Plan interventions | : □ No | |
| A 2. Can the identified cognitive impairments Events form the past Present living situation Sense of time | ☐ Information about ☐ Orientation in i☐ Complete activi | out oneself mportant rooms | LI NO | |

Remembering information received a day or less beforehand

☐ Plan interventions:

Copyright: M. Halek (2010), German Center for Neurodegenerative Diseases (DZNE), Witten

☐ Recognizing important everyday items

Probably yes please take down possible correlations

☐ To be taken into account in interactions with the resident

| ΔЫ | Innovative | Dementia | Orientated | Assessment | Tool |
|-----|--------------|------------|-------------|--------------|------|
| IUA | IIIIIOvative | Delliellua | Offeritated | ASSESSIFICIT | 1001 |

A: State of health and independence in everyday life

| ssion cation with adverse side-effects Plan interventions: |
|-------------------------------------------------------------|
| |
| ☐ Plan interventions: |
| ☐ Plan interventions: |
| ☐ Plan interventions: |
| have provoked the challenging behaviour? |
| ional burden/stress by care interventions |
| |
| |
| |
| ot |

B: Communication

| 1. | Does the resident hear properly | <i>ı</i> ? | | | | What ha | as to be done? |
|----|---------------------------------|-------------------------------|----------------------|----------------------------------|-------------|---------|-----------------------------------------|
| | Without difficulties | and without aids | ☐ Without troubl | es but with aids | ☐ Unclear | 0 | Clarification necessary |
| | With limitations | ☐ Without aids | ☐ With aids | | | 0 | Interventions necessary |
| | Remarks: | | | | | 0 | Stays important |
| 2. | Can the resident see properly? | | | | | | |
| | Without difficulties | and without aids | ☐ Without troubl | es but with aids | Unclear | 0 | Clarification necessary |
| | With limitations | ☐ Without aids | ☐ With aids | | | 0 | Interventions necessary |
| | Remarks: | | | | | 0 | Stays important |
| 3. | In what language can verbal co | mmunication with the resid | lent take place? | | | 0 | Clarification necessary |
| | ☐ English | Other languages: | | | ☐ Unclear | 0 | Interventions necessary |
| | Remarks: | | | | | 0 | Stays important |
| 4. | Is the resident's verbal/nonver | bal communication underst | andable to others? | | ☐ Unclear | 0 | Clarification necessary |
| | Verbal: 🔲 always | ■ sometimes | ☐ never | Remarks: | | 0 | Interventions necessary |
| | Nonverbal: always | ■ sometimes | ☐ never | Remarks: | | 0 | Stays important |
| 5. | If verbal communication with t | he resident is possible, in w | hat form does it tak | e place (quality of verbal commu | ınication)? | | |
| | ☐ Speaks in coherent sentence | es . | Uses single, but | understandable words | Unclear | 0 | Clarification necessary |
| | Uses word which do not mal | ke sense (for other people) | ☐ Uses only soun | ds | | 0 | Interventions necessary |
| | Remarks: | | | | | 0 | Stays important |
| 6. | Does the resident comprehend | verbal / non verbal utteran | ces made by others |) | | | |
| | Comprehends verbal c | ommunication | | | Unclear | | |
| | always | ■ sometimes | ■ never | | | | Clasification |
| | Reacts when being a | addressed | Does not react | when being addressed | | 0 | Clarification necessary |
| | Remarks: | | | | | 0 | Interventions necessary Stays important |
| | Comprehends non verl | bal communication | | | | | Stays important |
| | always | ■ sometimes | ■ never | | | | |
| | ☐ Reacts when being a | addressed | Does not react | when being addressed | | | |
| | Remarks: | | | | | | |

| IdA Inn | ovative Dementia Orient | ated Assessment Too | ıl | | B: Communication |
|---------|-------------------------|---------------------|---------|----------|---------------------------------------------|
| 7. | Can the resident comp | ehend written messa | ges? | | What has to be done? |
| | always | sometimes | ☐ never | □Unclear | Clarification necessary |
| | Damanla | | | | ○ Interventions necessary |

| 7. | Can the resident comp | rehend written messages : | | | wnat n | as to be done? |
|----|---------------------------|-----------------------------|----------------------------------------|-----------------------------------------|---------|-------------------------|
| | always | ■ sometimes | ☐ never | □Unclear | 0 | Clarification necessary |
| | Remarks: | | | | 0 | Interventions necessary |
| | | | | | 0 | Stays important |
| 8. | Does the resident clea | rly utter her/his own wishe | es and needs (verbally/non-verbally? | | | |
| | ☐ Usually clearly utte | rs personal wishes/needs | ☐ Seldom utters clearly personal wishe | es/needs Unclear | 0 | Clarification necessary |
| | ☐ Cannot clearly utte | r personal wishes/needs | | | 0 | Interventions necessary |
| | Remarks: | | | | 0 | Stays important |
| 9. | Is the resident capable | of making contact to othe | ers? | | 0 | Clarification necessary |
| | ☐ Yes | □ No | | ☐ Unclear | 0 | Interventions necessary |
| | Remarks: | | | | 0 | Stays important |
| | | | Summary | | | |
| В: | 1. Is it possible that th | e identified comprehens | ion/communication difficulties have | triggered/ provoked the challenging beh | aviour? | ☐ No |
| | ☐ Hearing | | ☐ Seeing well | ☐ Language of communication | | |
| | ☐ Comprehe | nsibility of speech | Quality of verbal communication | Understands verbal communication | | |

| | | Summary | | _ |
|---------------|--------------------------------------------|-----------------------------------|-----------------------------------------------|------|
| B 1. Is it p | ossible that the identified comprehensio | n/communication difficulties have | riggered/ provoked the challenging behaviour? | ☐ No |
| | ☐ Hearing | ☐ Seeing well | ☐ Language of communication | |
| | Comprehensibility of speech | Quality of verbal communication | ☐ Understands verbal communication | |
| | Resident understands written language | ☐ Contact to others | ☐ Can communicate personal wishes/desires | |
| | Probably yes please take down possible | e correlations | | |
| | ☐ To be taken into account in interaction: | s with the resident | ☐ Plan interventions: | |
| B 2. Is it po | ossible for the behaviour itself to presen | | xplain the behaviour accordingly? | □ No |
| - | ☐ Probably yes please take down possible | e correlations | | |
| | | | | |
| | ☐ To be taken into account in interaction: | s with the resident | ☐ Plan interventions: | |

| 1. | How can the resident's character/personality prior to the onset of dementia be described best? (e.g. ten years before the onset of | What has to be done? |
|----|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| | dementia - more than one answer is possible) | Clarification necessary |
| | Please mark the tendencies with x Unclear | Interventions necessary |
| | Emotionally tough, robust emotionally sensitive, vulnerable | Stays important |
| | Extroverted, sociable Inner, introverted | |
| | Willing to try something new conservative | |
| | Trustful, good-natured, ready to help suspicious, egocentric | |
| | Purposeful, reliable, sense of duty inattentive, erratic, spontaneous | |
| | Other: | |
| | □ Not known/not assessable | |
| 2. | How high has the resident's stress and frustration tolerance been with regard to strain- and stressful situations? | |
| | ☐ Stress tolerance at normal level (reacted balanced to stress situations) ☐ Unclear | |
| | ☐ Low stress tolerance (easily stressed) | Clarification necessary |
| | ☐ High stress tolerance (could bear a lot of stress) | Interventions necessary |
| | Remarks: | Stays important |
| | □ Not known/ not assessable | |
| 3. | How did the resident usually cope with stressful situations before the onset of dementia (more than one answer is possible)? | |
| | Rather active (for example movement/activity like sports, housework, crafting) | |
| | Rather passive (for example relaxing through watching TV, listening to music, reading) | - 81 15 11 |
| | ☐ Trough contact, talking to others | O Clarification necessary |
| | Through being alone, introverted | O Interventions necessary |
| | Being afraid, being reserved, unsure of herself/himself, giving up | Stays important |
| | Over active, aggressive, very emotionally, short-tempered | |
| | Other: | |
| | ☐ Not known/not assessable | |

C: Personality and life style before the dementia

| 4. | Have there been | any particular past situations or events which have been strongly threatening to the person | on or related to negative | What ha | as to be done? |
|----|-------------------|-----------------------------------------------------------------------------------------------|---------------------------|---------|-------------------------|
| | emotions (incisiv | re events)? | | 0 | Clarification necessary |
| | □ No | ☐ Yes, which ones | | 0 | Interventions necessary |
| | | | | 0 | Stays important |
| | | | | | |
| | ☐ Not known/n | ot assessable | Unclear | | |
| 5. | | any particular pleasant situations or events in the past which have had a positive influe | nce on life or have been | | |
| | | strong positive feelings? | | | |
| | ☐ No | Yes, which ones | | 0 | Clarification necessary |
| | | | | 0 | Interventions necessary |
| | | | | 0 | Stays important |
| | ☐ Not known/n | ot assessable | ☐ Unclear | | |
| 6. | Which leisure-ac | tivities have been preferred by the resident prior to her/his dementia (more than one answer | r is possible)? | | |
| | ☐ Rath | er passive activities (for example watching TV, reading, listening to music, relaxing) | ☐ Unclear | | |
| | ☐ Rath | er active activities (for example sports, gardening, dancing, hiking) | | _ | O. 151 |
| | ☐ Rath | er creative activities (for example drawing, knitting, tailoring, baking, playing music) | | 0 | Clarification necessary |
| | ☐ Grou | p activities (for example team games, playing cards, bowling, cooking together) | | 0 | Interventions necessary |
| | Solid | arity activities (for example individual sports, taking a stroll, museum visits, reading) | | | Stays important |
| | | rent activities: | | | |
| | ☐ Not I | known/not assessable | | | |
| 7. | Which kind of jo | b/housework did the resident do before s/he fell ill (more than one answer is possible)? | | | |
| | Please n | ame the job: | _ U nclear | | |
| | Phys | ically passive jobs (office work, driver, shop assistant) | | 0 | Clarification necessary |
| | Phys | ically active jobs (building, farming, housework) | | 0 | Interventions necessary |
| | ☐ Mucl | n contact with other people at work | | 0 | Stays important |
| | ☐ Hard | ly any contact to other people while working | | | |
| 8. | Has there been d | stable daily rhythm or firm daily rituals to which the resident attached particular importanc | e? | 0 | Clarification necessary |
| | ☐ No | Yes, which one(s): | Unclear | 0 | Interventions necessary |
| | | | | 0 | Stays important |

Summary

| C 1. Can t | the challenging behaviour be an expression of the resident's p | ersonality? | □ No |
|------------|-----------------------------------------------------------------|------------------------------------------------|------|
| | Personality before the onset of dementia | ☐ Stress tolerance resp. frustration tolerance | |
| | Management of stressful situations before the dementia | | |
| | ☐ Probably yes please take down possible correlations | | |
| | ☐ To be taken into account in interactions with the resident | ☐ Plan interventions: | |
| 2. Can t | the challenging behaviour be related to past life events or the | person's former lifestyle? | □ No |
| | ☐ Events, which were connected with negative emotions or event | ts which were threatening | |
| | ☐ Events which were associated with positive impact/emotions | | |
| | Leisure time before the onset of dementia | | |
| | Occupation Daily rhythm/daily r | rituals with special importance | |
| | ☐ Probably yes please take down possible correlations | | |
| | ☐ To be taken into account in interactions with the resident | ☐ Plan interventions: | |
| 3. Can t | the challenging behaviour be a reaction to stress? | | No |
| | Probably yes please take down possible correlations | | |
| | ☐ To be taken into account in interactions with the resident | ☐ Plan interventions: | |

D: Moods and emotions

| 1. | Does the resident convey the impr | ession that s/he is sca | red? | ☐ No | What ha | as to be done? |
|----|-------------------------------------|--------------------------|---------------------|----------------------|---------|-------------------------|
| | ■ sometimes | often | ■ Not assessable | ☐ Unclear | 0 | Clarification necessary |
| | | | | | 0 | Interventions necessary |
| | | | | | 0 | Stays important |
| 2. | Are there situations/times of the a | lay that trigger states | of anxiety? | ☐ No | | |
| | Tes, which: | | | □ Unclear | 0 | Clarification necessary |
| | | | | | 0 | Interventions necessary |
| | | | ☐ Not assessable | | 0 | Stays important |
| 3. | Does the resident convey the impr | ession to be tired or fa | itigued? | No | | |
| | Sometimes, at which tim | nes of the day? | | ☐ Unclear | | |
| | 1am 2 3 4 5 6 | 7 8 9 10 11 | 12 1pm 2 3 | 4 5 6 7 8 9 10 11 12 | 0 | Clarification necessary |
| | | | | | 0 | Interventions necessary |
| | Often, at which times of | the day? | | | 0 | Stays important |
| | 1am 2 3 4 5 6 | 7 8 9 10 11 | 12 1pm 2 3 | 4 5 6 7 8 9 10 11 12 | | |
| | | , | _ | | | |
| | | | Not assessable | <u>_</u> | | |
| 4. | Are there certain events/ situation | s which exhaust or tire | e out the resident? | □ No | | |
| | Tes, which: | | | Unclear | 0 | Clarification necessary |
| | | | | | 0 | Interventions necessary |
| | | | ■ Not assessable | | 0 | Stays important |
| 5. | Does the resident convey the impr | ession of loneliness or | isolation? | | | |
| | Sometimes, at which time | nes of the day? | | ☐ Unclear | | |
| | 1am 2 3 4 5 6 | 7 8 9 10 11 | 12 1pm 2 3 | 4 5 6 7 8 9 10 11 12 | 0 | Clarification necessary |
| | | | | | 0 | Interventions necessary |
| | lacksquare Often, at which times of | the day? | | | 0 | Stays important |
| | 1am 2 3 4 5 6 | 7 8 9 10 11 | 12 1pm 2 3 | 4 5 6 7 8 9 10 11 12 | | |
| | | | ☐ Not assessable | | | |
| 6. | Are there people, who have a close | er relationship with th | e resident? | ☐ No | 0 | Clarification necessary |
| | Yes, which people: | • | | ☐ Unclear | 0 | Interventions necessary |
| | | | | | 0 | Stays important |

D: Moods and emotions

| 7. Do these relationships convey trust, security, physical contact, affection and acceptance to the resident (tick all applicable)? | What has to be done? |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| ☐ Truthfulness ☐ Safety ☐ Physical contact ☐ Affection ☐ Acceptance ☐ Unclear | Clarification necessary |
| Other: | Interventions necessary |
| | Stays important |
| 8. At what times of the day is the resident left without some kind of occupation – be it care procedures, activity supply, self induced | |
| activities or interests, sleep etc)? | |
| Monday to Friday | |
| 1am 2 3 4 5 6 7 8 9 10 11 12 1pm 2 3 4 5 6 7 8 9 10 11 12 | Clarification necessary |
| | Interventions necessary |
| Saturday and Sunday | Stays important |
| 1am 2 3 4 5 6 7 8 9 10 11 12 1pm 2 3 4 5 6 7 8 9 10 11 12 | |
| | |
| Remarks on the time: | |
| 9. Do the activities suggested to and taken up by the resident meet his/her personal preferences? | Clarification necessary |
| ☐ Yes ☐ No ☐ Sometimes ☐ Unclear | Interventions necessary |
| | Stays important |
| 10. Does the resident convey the impression of being bored most of the day time? | |
| Sometimes, at which times of the day? | |
| 1am 2 3 4 5 6 7 8 9 10 11 12 1pm 2 3 4 5 6 7 8 9 10 11 12 | |
| | Olavification necessary |
| ☐ Or situations: ☐ Not assessable | O Clarification necessary |
| Often, at which times of the day? | O Interventions necessary |
| 1am 2 3 4 5 6 7 8 9 10 11 12 1pm 2 3 4 5 6 7 8 9 10 11 12 | Stays important |
| | |
| ☐ Or situations: ☐ Not assessable | |

Summary

| D 1. Can the challenging behaviour b | e an expression of certo | ain moods and emotions? | □ No | |
|--------------------------------------|------------------------------|----------------------------------|-------------------------------------|--|
| ☐ Being afraid | | Tiredness/exhaustion | Closer relationship to the resident | |
| Relationship show confid | lence, safety etc. | Times without occupation | Boredom | |
| Occupational activities/lo | eisure time activities/struc | ture of the day do not match the | residents personal preferences | |
| Probably yes please tak | e down possible correlatio | ns | | |
| ☐ To be taken into account | in interactions with the r | esident | ☐ Plan interventions: | |
| D 2. Can the challenging behaviour s | erve as self-stimulation | ? | □ No | |
| Probably yes please tak | e down possible correlatio | ns | | |
| | | | | |
| | | | | |

E: Environmental influences

| 1. What c | haracterizes the environment in which the | e resident spends most of her/his time? | | What ha | as to be done? |
|-----------|-------------------------------------------|---------------------------------------------------|-----------|---------|-------------------------|
| a. | Lighting? | | Unclear | 0 | Clarification necessary |
| | dark | ☐ bright/harsh | | 0 | Interventions necessary |
| | ☐ A lot of shadows/reflections | ☐ Unpleasant/cold light | | 0 | Stays important |
| | ☐ Same lighting throughout the day | Light which cannot be adjusted individually | | | |
| | ☐ Lighting at night | | | | |
| | Does not fit | Other: | | | |
| | i. Noises in the environment? | | ☐ Unclear | | |
| | noisy | ☐ quiet | | 0 | Clarification necessary |
| | ☐ Many different noises, permanent mu | usic, telephone, signal of nurse call button etc. | | 0 | Interventions necessary |
| | ☐ Does not fit | Other: | | 0 | Stays important |
| b. | Smells/odours? | | Unclear | | |
| | Unpleasant smells | ☐ Many different smells | | 0 | Clarification necessary |
| | ☐ No homely/known smells | | | 0 | Interventions necessary |
| | Does not fit | Other: | | 0 | Stays important |
| c. | The furnishing / the equipment? | | ☐ Unclear | | |
| | | | | 0 | Clarification necessary |
| | Not personal | Only practical, not home like | | 0 | Interventions necessary |
| | Uncomfortable/unfriendly | | | 0 | Stays important |
| | ☐ Does not fit | Other: | | | |
| d. | Sense of safety/familiarity? | | Unclear | | |
| | ☐ Strange, unknown surroundings | People I do not recognize | | | |
| | ☐ No obvious orientation signs/no orien | ntation signs that suit cognitive abilities | | 0 | Clarification necessary |
| | ☐ Danger of injuries/falls | ☐ Danger of getting lost | | 0 | Interventions necessary |
| | ☐ Restricted movement | | | 0 | Stays important |
| | Does not fit | Other: | | | |

IdA Innovative Dementia Orientated Assessment Tool E: Environmental influences 1. What characterizes the environment in which the resident spends most of her/his time? What has to be done? ☐ Unclear **a.** Sense of privacy? Clarification necessary Interventions necessary ■ No possibility to be on ones' own/to retreat ☐ No protected privacy Stays important ☐ No possibility to fulfill private desires ■ No possibility for ones' own time structure ☐ No individual daily rhythm Does not fit Other: **b.** Positive stimuli/stimulation (persons or objects)? ☐ Unclear Clarification necessary ☐ A little/few stimuli, boring surroundings (understimulation) Interventions necessary ☐ Lots of stimuli (overstimulation) Stays important Other: Does not fit **2.** Does the resident's environment provide enough chances for making contact with others? \square Yes \square No ☐ Unclear Clarification necessary ☐ No possibility to get in touch without help ☐ Long time intervals without verbal stimulation Interventions necessary ☐ No persons who fit the resident's communication interests and levels Stays important Other: 3. Does the resident prefer certain carer/ caregivers as significant others (closer relationship, easier intercourse, more profound quality of relationship, empathy, gender)? Clarification necessary Interventions necessary ☐ Yes: Please take notes (cues) Stays important

■ Early day shift

■ Early day shift

■ Early day shift

■ Early day shift

☐ Unclear

Clarification necessary

Interventions necessary

Stays important

☐ Late day shift

☐ Late day shift

☐ Late day shift

☐ Late day shift

Copyright: M. Halek (2010), German Center for Neurodegenerative Diseases (DZNE), Witten

4. How long is an individual caregiver responsible for a certain resident?

☐ Same caregiver for the week including weekend in the

☐ Same caregiver at least three days a week in the

☐ Different/new caregiver every day in the

Other:

☐ Same caregiver throughout the week excluding weekend in the

IdA Innovative Dementia Orientated Assessment Tool E: Environmental influences

Summary

| 1. Can | the challenging behave | iour have to do with certain environmen | tal characteristics? | ☐ No |
|-----------------|-----------------------------------------|-------------------------------------------------------------------------------|--------------------------------|-------------------------------|
| | Lighting | ☐ Noise in the surroundings | ☐ Smells | |
| | ☐ Furnishing | ☐ Privacy | ☐ Getting in touch with others | Positive stimuli/stimulations |
| | Probably yes pleas | se take down possible correlations | | |
| | ☐ To be taken into a | ccount in interactions with the resident | ☐ Plan interventions | s: |
| 2 Car | n the challenging behav | iour baug to do with a lacking conce of a | ecurity and familiarity? | □ No |
| . <i>2.</i> Cui | i the chanelighly behav | iour have to do with a lacking sense of s | ecurity and janimarity: | — 140 |
| z. cui | _ | se take down possible correlations | ecurity und jummanty: | — NO |
| | Probably yes pleas | • | Plan interventions | |
| | Probably yes pleas To be taken into ac | se take down possible correlations | ☐ Plan interventions | |
| | Probably yes pleas To be taken into ac | ccount in interactions with the resident impact on the challenging behaviour? | ☐ Plan interventions | s: |