**Functional prognosis**

**Assessment of language and apraxia**
- Speech, naming, comprehension, confrontation naming
- Test for apraxia of speech
- Test for apraxia of speech

**Mobility**
- Orientation, language, apraxia, ataxia, fatigue, depression and anxiety
- Test for apraxia of speech
- Test for apraxia of speech

**Physical therapy**
- Functional performance (gait, balance, coordination and strength)
- Test for apraxia of speech
- Test for apraxia of speech

**Mood and emotional state**
- Depression, anxiety, fear, anger, shame, guilt
- Test for apraxia of speech
- Test for apraxia of speech

**Neuropsychological**
- Cognitive function, memory, attention, visuospatial skills
- Test for apraxia of speech
- Test for apraxia of speech

**Pharmacological**
- Antipsychotic, antidepressant, mood stabilizer, seizure medication
- Test for apraxia of speech
- Test for apraxia of speech

**Diagnostic Prognosis**

**Assessment of mobility**
- Ambulation, transfer, gait, balance, coordination
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of cognition**
- Orientation, memory, language, visuospatial skills
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of emotion**
- Depression, anxiety, fear, anger, shame, guilt
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of sleep**
- Sleep, sleepiness, insomnia, sleep disorders
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of social function**
- Social support, family, friends, community
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of occupational function**
- Work, leisure, hobbies, daily tasks
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of self-care**
- Eating, dressing, hygiene, toileting
- Test for apraxia of speech
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**Assessment of pain**
- Pain, pain intensity, pain interference
- Test for apraxia of speech
- Test for apraxia of speech

**Assessment of quality of life**
- Life satisfaction, happiness, quality of life
- Test for apraxia of speech
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**Assessment of physical function**
- Motor function, sensory function, coordination
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**Therapeutic Process**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does patient have limitations of activities for walking or related functions and activities? (Yes: Are there any limitations of activities regarding walking or related functions and activities?)</td>
<td></td>
</tr>
</tbody>
</table>

**Interim measures**

- \[\text{discharge home} = \] discharge home
- \[\text{informal caregiver} = \] informal caregiver
- \[\text{perceived burden of care} = \] perceived burden of care
- \[\text{environmental factors} = \] environmental factors
- \[\text{quality of life} = \] quality of life
  - \[\text{basal ADLs} = \] basal ADLs
  - \[\text{depression} = \] depression
  - \[\text{anxiety} = \] anxiety
  - \[\text{workload} = \] workload
  - \[\text{aerobic endurance} = \] aerobic endurance
  - \[\text{heart rate} = \] heart rate
  - \[\text{symmetry of ground reaction forces} = \] symmetry of ground reaction forces
  - \[\text{postural sway} = \] postural sway
  - \[\text{maximum walking speed} = \] maximum walking speed
  - \[\text{comfortable walking speed} = \] comfortable walking speed
  - \[\text{muscle strength} = \] muscle strength

**Possible complications**

- \[\text{Hemorrhagic stroke} = \] hemorrhagic stroke

**Intervention**

**Early mobilization from bed**

- \[\text{Exercising sitting balance} = \] exercising sitting balance
- \[\text{Exercising standing up and sitting down} = \] exercising standing up and sitting down
- \[\text{Standing balance without visual feedback} = \] standing balance without visual feedback

**Postural control with visual feedback**

- \[\text{Balance during various activities} = \] balance during various activities
- \[\text{Body-weight supported treadmill training} = \] body-weight supported treadmill training
- \[\text{Robot-assisted gait training} = \] robot-assisted gait training

**Treadmill exercises without body weight support**

- \[\text{Treadmill exercises} = \] treadmill exercises

**Muscle strength training for paretic leg**

- \[\text{Aerobic training} = \] aerobic training
- \[\text{Combined muscle strength and aerobic training} = \] combined muscle strength and aerobic training
- \[\text{Training in water (hydrotherapy)} = \] training in water (hydrotherapy)
- \[\text{Interventions for somatosensory functions} = \] interventions for somatosensory functions

**Electrostimulation of paretic leg**

- \[\text{– TENS} = \] TENS
- \[\text{– EMG-NMS} = \] EMG-NMS

**Biofeedback for paretic leg**

- \[\text{– Biofeedback} = \] biofeedback

**Interventions for somatosensory functions**

- \[\text{Electrostimulation} = \] electrostimulation
  - \[\text{– TENS} = \] TENS
  - \[\text{– EMG-NMS} = \] EMG-NMS

**Clinical measures**

- \[\text{Monitoring for pain, edema and fever} = \] monitoring for pain, edema and fever

**Pressure sore prevention**

- \[\text{Regularly changing body position} = \] regularly changing body position

**Therapeutic positioning**

- \[\text{Paretic arm} = \] paretic arm

**Consultation**

- Consult (neuro)psychologist: strategy training using internal and/or external strategies
- Consult occupational therapist and/or (neuro)psychologist: strategy training; gestural training

**Falls prevention**

- \[\text{Wheelchair to improve walking ability} = \] wheelchair to improve walking ability

**Lifestyle programs**

- \[\text{Telerehabilitation} = \] telerehabilitation

**Therapeutic positioning**

- \[\text{Manual passive mobilization of ankle} = \] manual passive mobilization of ankle
- \[\text{Range of motion exercises for ankle with devices} = \] range of motion exercises for ankle with devices

**Other interventions**

- \[\text{Functional electrical stimulation of paretic shoulder} = \] functional electrical stimulation of paretic shoulder
- \[\text{Electrostimulation of paretic wrist/finger extensors} = \] electrostimulation of paretic wrist/finger extensors
- \[\text{Electrostimulation of paretic upper arm} = \] electrostimulation of paretic upper arm
- \[\text{Interventions for somatosensory functions} = \] interventions for somatosensory functions
- \[\text{Consult (neuro)psychologist: strategy training using internal and/or external strategies} = \] consult (neuro)psychologist: strategy training using internal and/or external strategies
- \[\text{Consult occupational therapist and/or (neuro)psychologist: strategy training and gestural training} = \] consult occupational therapist and/or (neuro)psychologist: strategy training and gestural training
- \[\text{Wheelchair to improve walking ability} = \] wheelchair to improve walking ability

**Blood pressure**

- \[\text{At equal dosage} = \] at equal dosage
- \[\text{Effective; \& no added value; \& adverse effect} = \] effective; \& no added value; \& adverse effect
- \[\text{The effect on passive range of motion is not clinically relevant} = \] effect on passive range of motion is not clinically relevant
- \[\text{Just as effective as other forms of exercise therapy} = \] just as effective as other forms of exercise therapy