Need-driven dementia-compromised behavior model

**Background factors**
- **Neurological status:**
  - e.g. motor and cognitive abilities, language, sensory skills, imaging
- **Health status, demographic variables:**
  - e.g. preexisting illnesses, gender, ethnicity, marital status, education, profession
- **Premorbid characteristics:**
  - e.g. personality, reaction to stress, beliefs and thoughts

**Proximal factors**
- **Physiological needs:**
  - e.g. hunger and thirst, excretion, pain, discomfort
- **Psychosocial needs:**
  - e.g. affect, emotions (anxiety, boredom)
- **Physical environment:**
  - e.g. design of environment, light, noise and warmth, daily routine
- **Social environment:**
  - e.g. staffing and staff stability, atmosphere

**Need-driven behavior (NDB)**