**Coding scheme:**

**Broad Coding Scheme**

1 – action

2 – epistemic state (includes action)

3 – other: agent

4 – other: circumstances

0 ­– nonsensical/missing

**Detailed coding scheme:**

**1\_ Causal Action**

1\_1 undoing action *(e.g. if agent had not prescribed drug)*

1\_2 use of alternative item *(e.g. if agent had prescribed other drug)*

**2\_Epistemic State**

2\_1 just change of epistemic state *(If agent had known ..)*

2\_2 change of epistemic state by own action *(If agent had informed themselves by doing X)*

2\_3 change of epistemic state by action of someone else *(If someone had told agent that)*

**3\_Other\_Agent**

3\_1 additional simultaneous actions by agent that prevent the problem (not including undoing the action)

3\_2 prior action that prevents outcome (*if agent had not ordered drug)*

3\_3 character of agent *(if agent would be more diligent)*

**4\_Environment**

4\_1 modification/different behaviour of agent/object acted on, receiver *(if patient had a different blood condition)*

4\_2 changes in actions by someone else (prior to the outcome) to prevent the problem *(if manager hadn’t ordered drug)*

4\_3 modifications in item used *(if drug was not harmful)*

4\_4 changes in epistemic change of someone else *(if someone else had known that drug is harmful etc.*