

Dialogue State

Schema Knowledge

Object Schemas

(:header (?x medicine.n) ...)
(:header (?x pain.n) ...)
...

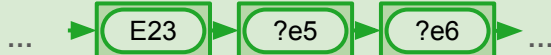
Event Schemas

(:header ((?p have-trouble-sleeping.v) ...)
(:header ((?p receive-treatment.v) ...)
...

Dialogue Schemas

(:header ((?p ask-about-pain.v ?d) ...)
(:header ((?d express-empathy.v ?p) ...)
...

Dialogue Plan



Episodic Memory

...
E1: (^me wake-up.v (from.p ((^me 's) sleep.n))
E2: (^me schedule.v Appointment1 (with.p ^you))
...
E9: (^me say-hello-to.v ^you)
E10: (^me say-to.v ^you '(Hi Doctor ...))
E11: (^you say-to.v ^me '(How are you feeling?))
...

Dialogue Context

...
E17: (^me ask-about-pain.v ^you)
E22: (^you say-to.v ^me '(That sounds ...))
E22: (^you paraphrase-to.v ^me
'(You are sorry to hear about my pain.))
E22: (^you reply-to.v E21)
E22: (^you be.v empathetic.a)

Conversation History

...
Eta: Doctor, my pain has been getting worse recently. What does it₁ mean for me?

Doctor: Where does it hurt?

Eta: I feel it₁ mostly in my chest and back.

Doctor: Have you had any trouble sleeping recently?

Eta: Yes, it's been difficult to sleep due to the pain I've been having.

Doctor: That sounds like it₂ must be very difficult, I'm sorry to hear [...]
...

Reference List

- ...
1. ((^me 's) pain.n)
2. (trouble.n (with.p (ka sleep.v)))
...