Exercise XX ▪ Causal modeling

Name:_____

Aim

Activity

Choose a psychological phenomenon you know well or care about.

Draw a diagram that depicts the relationships among the *principal* causes of or influences on that phenomenon.

It may help you to think about the causes or influences as falling into the following categories:
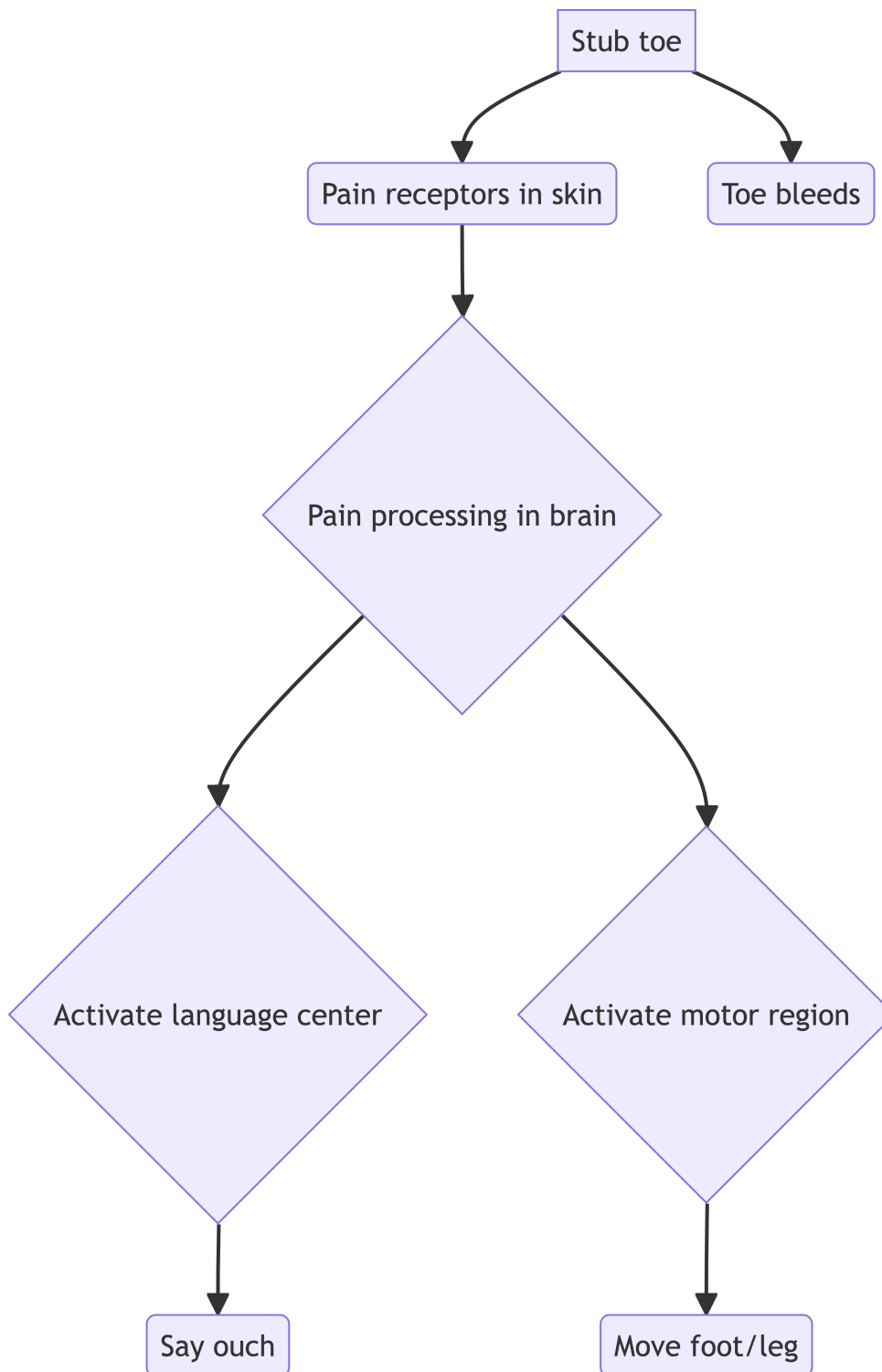
- External to the person
- Physical/physiological states outside the nervous system
- Nervous system states

If the phenomenon has characteristic behaviors or mental states, please indicate those, as well.
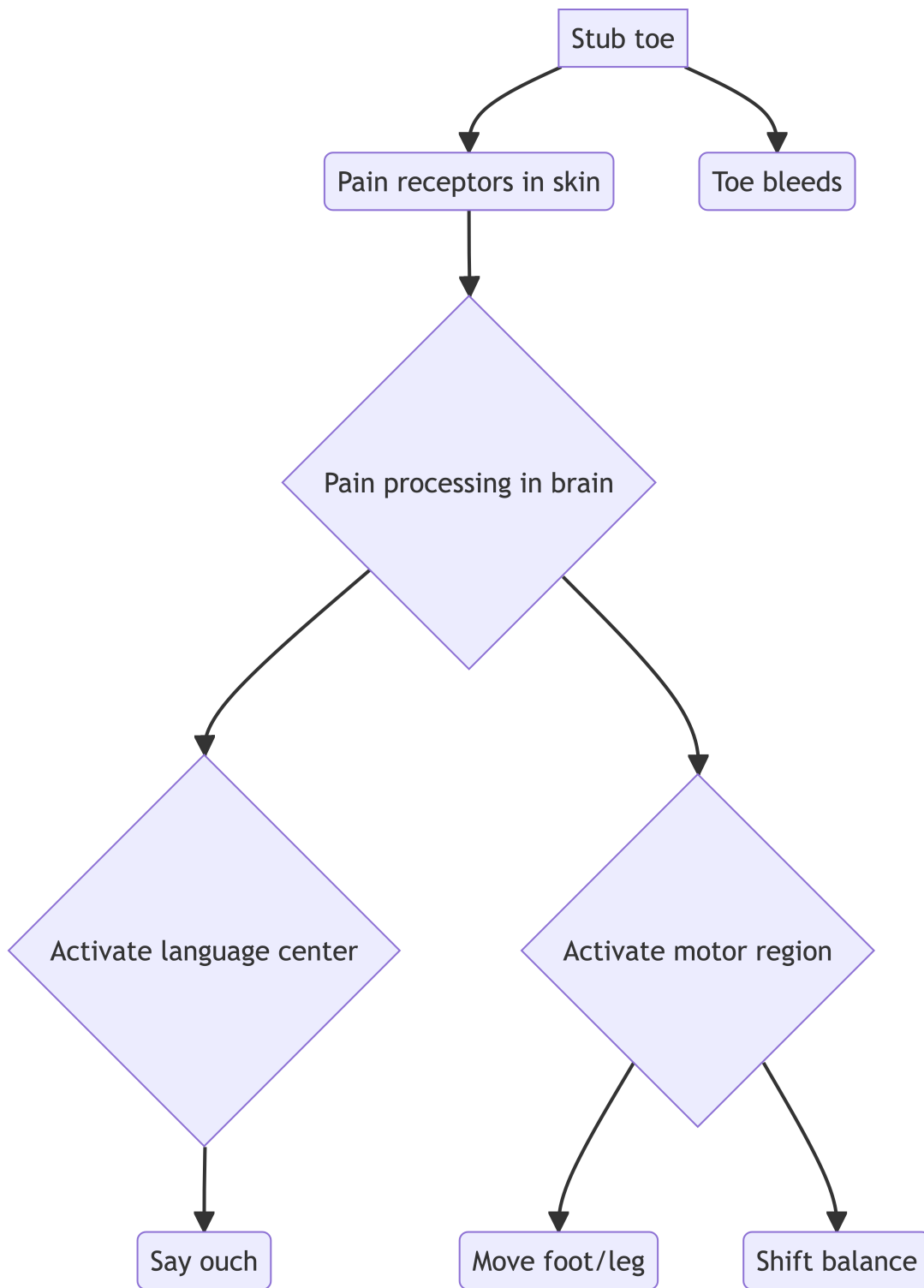
You may also want to depict the flow of information or the direction of causality.

Here is a cartoon example:

Example 1

```mermaid
graph TD
    A[Stub toe] --> B[Pain receptors in skin]
    A --> C[Toe bleeds]
    B --> D{Pain processing in brain}
    D --> E{Activate language center}
    D --> F{Activate motor region}
    E --> G[Say ouch]
    F --> H[Move foot/leg]
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Stub toe

Pain receptors in skin

Toe bleeds

Pain processing in brain

Activate language center

Activate motor region

Say ouch

Move foot/leg

Example 2

Example 3

S

Pain receptors in skin

Pain processing in brain

Activate memory of past injury

Trigger hormone re

7

Activate language center

Activate motor region