

Rules in Knowledge Base

Rule 1: The user has mild fever AND mild headache => prescribe low Paracetamol, low Advil and low bed rest.

Rule 2: The user has mild fever AND medium headache => prescribe low Paracetamol, medium Advil and low bed rest.

Rule 3: The user has mild fever AND severe headache => prescribe low Paracetamol, high Advil and medium bed rest.

Rule 4: The user has medium fever AND mild headache => prescribe medium Paracetamol, low Advil and medium bed rest.

Rule 5: The user has medium fever AND medium headache => prescribe medium Paracetamol, medium Advil and medium bed rest.

Rule 6: The user has medium fever AND severe headache => prescribe medium Paracetamol, high Advil and medium bed rest.

Rule 7: The user has high fever AND mild headache => prescribe high Paracetamol, low Advil and high bed rest.

Rule 8: The user has high fever AND medium headache => prescribe high Paracetamol, medium Advil and high bed rest.

Rule 9: The user has high fever AND severe headache => prescribe high Paracetamol, high Advil and high bed rest.

Rule 10: (Chain Rule) If the bed rest is low => suggesting a doctor is not necessary.

Explanation: If the bed rest is low, it means that the severity of fever and headache is less according to the above rules. Hence suggesting a doctor is not necessary.

Rule 11: (Chain Rule) If the bed rest is medium => suggest a doctor.

Explanation: If the bed rest is medium, it means that the severity of fever and headache is more.

Rule 12: (Chain Rule) If the bed rest is high => suggest a doctor.

Explanation: If the bed rest is high, it means that the severity of fever and headache is very high.