



PROLOG WITH PYSWIP:



Smart Medical Diagnosis System

Select symptoms step-by-step. Only symptoms that can lead to a diagnosis are shown.




Step 1: Duration


How long have you had these symptoms?

☒ Acute (< 4 weeks)

☐ Chronic (> 12 weeks)



Step 2: Select Your Symptoms




Showing 3 relevant symptoms that can lead to a diagnosis


Choose symptoms:

Sneezing


Itchy Nose


Watery Eyes







Currently selected:


 Sneezing


 Itchy Nose


 Watery Eyes




Step 3: Get Diagnosis

 Diagnose

 Reset



Diagnosis Results:

 Found 1 possible diagnosis(es):

1. Allergic Rhinitis

Smart Medical Diagnosis System


Select symptoms step-by-step. Only symptoms that can lead to a diagnosis are shown.

Step 1: Duration

How long have you had these symptoms?

☐ Acute (< 4 weeks) ☒ Chronic (> 12 weeks)

Step 2: Select Your Symptoms

 Showing 3 relevant symptoms that can lead to a diagnosis

Choose symptoms:

Mouth Breathing × Unilateral Conge... × Snoring ×


Currently selected:

✓ Unilateral Congestion

✓ Snoring

✓ Mouth Breathing

Step 3: Get Diagnosis

 Diagnose

 Reset

Diagnosis Results:

✓ Found 2 possible diagnosis(es):

1. Deviated Nasal Septum
2. Deviated Septum with Sleep Issues

RULE BASED USING EXPERTA:

Rule Based System Using Experta

Patient data

Symptom duration

☐ acute

☒ chronic

☐ Fever

☒ Nasal congestion

☒ Nasal discharge

☐ Facial pain

☐ Facial pressure

☒ Loss of smell

☐ Sneezing

☒ Itchy nose

☒ Itchy eyes

☐ Watery eyes

☐ Unilateral congestion

☐ Difficulty breathing

☐ Mouth breathing

☐ Snoring

☐ Noisy breathing

☐ Nosebleeds

☐ Headache

☒ Tooth pain

☐ Postnasal drip

Assess

Likely Diagnoses

- Chronic Sinusitis
- No clear diagnosis

Rule Based System Using Experta

Patient data

Symptom duration

☒ acute

☐ chronic

☐ Fever

☐ Nasal congestion

☐ Nasal discharge

☐ Facial pain

☐ Facial pressure

☒ Loss of smell

☐ Sneezing

☐ Itchy nose

☐ Itchy eyes

☐ Watery eyes

☐ Unilateral congestion

☒ Difficulty breathing

☒ Mouth breathing

☐ Snoring

☐ Noisy breathing

☒ Nosebleeds

☒ Headache

☒ Tooth pain

☐ Postnasal drip

Assess

Likely Diagnoses

- No clear diagnosis
- Acute Sinusitis with Dental Pain

Rule Based System Using Experta ∞

Patient data

Symptom duration

☐ acute

☒ chronic

☐ Fever

☒ Nasal congestion

☒ Nasal discharge

☐ Facial pain

☐ Facial pressure

☐ Loss of smell

☒ Sneezing

☒ Itchy nose

☐ Itchy eyes

☐ Watery eyes

☐ Unilateral congestion

☐ Difficulty breathing

☐ Mouth breathing

☐ Snoring

☐ Noisy breathing

☐ Nosebleeds

☐ Headache

☐ Tooth pain

☐ Postnasal drip

Assess

Likely Diagnoses

- Allergic Rhinitis
- No clear diagnosis