AI-Powered Medical Analysis

AI-Powered Medical Analysis: An AI system for analyzing medical images and patient data to enhance disease detection.

* **How To Use**
* **General Pain**

1. Bad: "My head hurts"  
   Good: "Throbbing headache behind left eye lasting 2 hours, worsened by light"
2. Bad: "Stomach ache"  
   Good: "Cramping lower abdominal pain for 3 days, with diarrhea after meals"
3. Bad: "Back pain"  
   Good: "Dull lower back pain radiating to right leg when standing for long periods"
4. Bad: "My knee hurts"  
   Good: "Sharp pain in left knee when climbing stairs, with occasional swelling"
5. Bad: "I have chest pain"  
   Good: "Burning chest pain after eating, lasting 20 minutes, with acid reflux"

**Respiratory Symptoms**

1. Bad: "I can’t breathe well"  
   Good: "Shortness of breath after walking 100 meters, with wheezing"
2. Bad: "Coughing a lot"  
   Good: "Dry cough for 3 weeks, worse at night, no fever"
3. Bad: "My throat hurts"  
   Good: "Sore throat with white patches, fever of 101°F, and difficulty swallowing"
4. Bad: "I have a runny nose"  
   Good: "Clear nasal discharge with sneezing and itchy eyes for 5 days"
5. Bad: "I feel congested"  
   Good: "Nasal congestion with green mucus, facial pressure, and loss of smell"

**Digestive Issues**

1. Bad: "I feel nauseous"  
   Good: "Nausea and vomiting after fatty meals, with right upper abdominal pain"
2. Bad: "I have diarrhea"  
   Good: "Watery diarrhea 6 times/day for 2 days, no blood, with cramping"
3. Bad: "I’m constipated"  
   Good: "No bowel movement for 5 days, bloating, and straining without relief"
4. Bad: "Heartburn"  
   Good: "Burning chest pain after spicy food, worse when lying down"
5. Bad: "Bloated stomach"  
   Good: "Abdominal bloating after dairy products, with gas and discomfort"

**Neurological Symptoms**

1. Bad: "I feel dizzy"  
   Good: "Sudden dizziness when standing up, with black spots in vision"
2. Bad: "I have a headache"  
   Good: "Pulsing headache on one side, with nausea and light sensitivity"
3. Bad: "My hands are numb"  
   Good: "Tingling in both hands, worse at night, with weakness in grip"
4. Bad: "I passed out"  
   Good: "Fainting episode after standing quickly, no chest pain or seizures"
5. Bad: "I’m confused"  
   Good: "Sudden disorientation, forgetting names, and trouble speaking"

**Skin Conditions**

1. Bad: "I have a rash"  
   Good: "Itchy red bumps on arms and legs after hiking in the woods"
2. Bad: "My skin is dry"  
   Good: "Flaky, cracked skin on elbows and knees, worsened in winter"
3. Bad: "I have a mole"  
   Good: "New asymmetrical mole on back, 6mm, with uneven color"
4. Bad: "I got a cut"  
   Good: "Deep laceration on thumb from knife, bleeding for 10 minutes"
5. Bad: "My skin itches"  
   Good: "Itching all over body at night, with small red bumps between fingers"

**Fever & Infections**

1. Bad: "I have a fever"  
   Good: "Fever of 103°F for 2 days, with chills and body aches"
2. Bad: "I feel sick"  
   Good: "Fatigue, sore throat, and swollen lymph nodes for 4 days"
3. Bad: "My wound is infected"  
   Good: "Red, swollen cut with yellow pus and increasing pain"
4. Bad: "I have chills"  
   Good: "Shivering chills followed by high fever and sweating"
5. Bad: "My ear hurts"  
   Good: "Sharp ear pain when pulling earlobe, with slight hearing loss"

**Musculoskeletal Issues**

1. Bad: "My shoulder hurts"  
   Good: "Pain when lifting right arm above head, with clicking sensation"
2. Bad: "I sprained my ankle"  
   Good: "Swollen right ankle after twisting, bruising, and difficulty walking"
3. Bad: "My wrist hurts"  
   Good: "Pain when gripping, with tenderness over the thumb side of the wrist"
4. Bad: "I have leg cramps"  
   Good: "Severe nighttime calf cramps, relieved by stretching"
5. Bad: "My neck is stiff"  
   Good: "Unable to turn head left after sleeping in awkward position"

**Cardiovascular Symptoms**

1. Bad: "My heart is racing"  
   Good: "Sudden palpitations lasting 5 minutes, with lightheadedness"
2. Bad: "I have high blood pressure"  
   Good: "BP 160/100 at home, no symptoms, family history of hypertension"
3. Bad: "I feel tired"  
   Good: "Extreme fatigue after minimal activity, with shortness of breath"
4. Bad: "My legs swell"  
   Good: "Bilateral leg swelling worsening at night, with pitting edema"
5. Bad: "I have chest pressure"  
   Good: "Heavy chest pressure radiating to left arm during stress"

**Mental Health Concerns**

1. Bad: "I’m stressed"  
   Good: "Difficulty sleeping, constant worry, and rapid heartbeat for a month"
2. Bad: "I feel sad"  
   Good: "Loss of interest in hobbies, low energy, and crying spells for 3 weeks"
3. Bad: "I can’t sleep"  
   Good: "Trouble falling asleep, waking up at 3 AM, and daytime fatigue"
4. Bad: "I’m anxious"  
   Good: "Panic attacks with chest tightness, trembling, and fear of dying"
5. Bad: "I’m forgetful"  
   Good: "Frequently misplacing keys, forgetting appointments, and repeating questions"

**Eye & Vision Problems**

1. Bad: "My eyes hurt"  
   Good: "Burning sensation in both eyes after screen use, with redness"
2. Bad: "I can’t see well"  
   Good: "Blurred vision in right eye for 2 days, with floating spots"
3. Bad: "My eye is red"  
   Good: "Left eye redness with yellow discharge and crusting in the morning"
4. Bad: "I have eye floaters"  
   Good: "New dark floaters in vision with occasional flashes of light"
5. Bad: "My eyelids are swollen"  
   Good: "Itchy, puffy eyelids with flaky skin at the base of lashes"

**Ear, Nose & Throat**

1. Bad: "Ear infection"  
   Good: "Ear pain with muffled hearing and popping sensation when swallowing"
2. Bad: "My nose bleeds"  
   Good: "Frequent nosebleeds from left nostril, lasting 10+ minutes"
3. Bad: "I have allergies"  
   Good: "Sneezing, runny nose, and itchy eyes after pet exposure"
4. Bad: "I lost my voice"  
   Good: "Hoarseness for 1 week after a cold, with throat clearing"
5. Bad: "My jaw hurts"  
   Good: "Clicking jaw when chewing, with occasional locking"

**Urinary & Kidney Issues**

1. Bad: "It burns when I pee"  
   Good: "Painful urination with frequent urges and cloudy urine"
2. Bad: "I pee a lot"  
   Good: "Waking up 4 times a night to urinate, with increased thirst"
3. Bad: "I have back pain"  
   Good: "Flank pain on the right side, radiating to groin, with nausea"
4. Bad: "There’s blood in my urine"  
   Good: "Dark red urine with no pain, after intense exercise"
5. Bad: "I can’t hold my pee"  
   Good: "Leaking urine when coughing or laughing"

**Reproductive Health (Male & Female)**

1. Bad: "I have period cramps"  
   Good: "Severe lower abdominal pain 2 days before period, with heavy flow"
2. Bad: "My testicle hurts"  
   Good: "Sudden sharp pain in left testicle, with swelling and nausea"
3. Bad: "I have vaginal discharge"  
   Good: "White, cottage-cheese-like discharge with itching and redness"
4. Bad: "I have erectile dysfunction"  
   Good: "Difficulty maintaining erection for 6 months, no morning erections"
5. Bad: "My breast hurts"  
   Good: "Tender lump in upper outer right breast, no nipple discharge"

**Endocrine & Metabolic Symptoms**

1. Bad: "I’m thirsty all the time"  
   Good: "Excessive thirst, frequent urination, and unexplained weight loss"
2. Bad: "I’m gaining weight"  
   Good: "15-pound weight gain in 2 months despite no diet changes"
3. Bad: "I’m always tired"  
   Good: "Fatigue, dry skin, and constipation, with family thyroid history"
4. Bad: "I sweat a lot"  
   Good: "Night sweats drenching sheets, with occasional hot flashes"
5. Bad: "My hands shake"  
   Good: "Tremors in hands when holding a cup, improved with alcohol"

**Bone & Joint Problems**

1. Bad: "My hip hurts"  
   Good: "Pain in right hip when walking, with stiffness in the morning"
2. Bad: "I have arthritis"  
   Good: "Swollen, painful knuckles worse in cold weather"
3. Bad: "My fingers are stiff"  
   Good: "Difficulty making a fist in the morning, improving with movement"
4. Bad: "My foot hurts"  
   Good: "Sharp pain in heel with first steps in the morning"
5. Bad: "My bones ache"  
   Good: "Deep aching pain in legs at night, relieved by movement"

**Infectious Diseases**

1. Bad: "I have the flu"  
   Good: "High fever, body aches, dry cough, and fatigue for 3 days"
2. Bad: "I think I have COVID"  
   Good: "Loss of taste, dry cough, and fatigue, exposed 5 days ago"
3. Bad: "I have a cold"  
   Good: "Runny nose, sneezing, and mild sore throat for 4 days"
4. Bad: "I was bitten"  
   Good: "Red, expanding rash after tick bite, with mild fever"
5. Bad: "I have a UTI"  
   Good: "Burning urination, urgency, and lower abdominal pressure"

**Pediatric Symptoms**

1. Bad: "My baby is crying"  
   Good: "Infant crying for 3 hours, pulling legs to chest, with gas"
2. Bad: "My child has a fever"  
   Good: "Fever of 102°F, no other symptoms, active and drinking fluids"
3. Bad: "My kid won’t eat"  
   Good: "Toddler refusing solids for 2 days, only drinking milk"
4. Bad: "My child has a rash"  
   Good: "Pink spots on torso spreading to limbs, no fever"
5. Bad: "My baby is vomiting"  
   Good: "Projectile vomiting after each feed, with hunger cues"

**Geriatric Concerns**

1. Bad: "I’m unsteady on my feet"  
   Good: "Falling twice this month, with dizziness when standing"
2. Bad: "I have memory problems"  
   Good: "Forgetting recent conversations, getting lost in familiar places"
3. Bad: "I’m losing weight"  
   Good: "Unintentional 10-pound weight loss in 3 months, no diet change"
4. Bad: "I have joint pain"  
   Good: "Chronic knee pain, worse with stairs, relieved by rest"
5. Bad: "I feel weak"  
   Good: "Difficulty rising from chair, with gradual muscle loss"

**Post-Surgical/Injury Symptoms**

1. Bad: "My surgery wound hurts"  
   Good: "Increasing redness, swelling, and foul-smelling discharge from incision"
2. Bad: "I fell and hit my head"  
   Good: "Head injury with brief loss of consciousness and vomiting"
3. Bad: "I broke my arm"  
   Good: "Deformity in forearm after fall, with severe pain and swelling"
4. Bad: "My stitches are loose"  
   Good: "Suture site opening with slight bleeding, no signs of infection"
5. Bad: "I have a concussion"  
   Good: "Headache, dizziness, and nausea after sports injury"

**Chronic Conditions**

1. Bad: "My diabetes is bad"  
   Good: "Fasting blood sugar over 200 for a week, with increased thirst"
2. Bad: "My asthma is acting up"  
   Good: "Wheezing and chest tightness at night, needing inhaler 3x/day"
3. Bad: "My blood pressure is high"  
   Good: "Home readings consistently 150/95, no symptoms"
4. Bad: "My arthritis is worse"  
   Good: "Increased joint swelling and stiffness lasting over an hour in the morning"
5. Bad: "I have migraines"  
   Good: "One-sided headache with aura, nausea, and light sensitivity lasting 12 hours

"Providing detailed and structured responses helps the AI analyze your condition more accurately for better diagnosis and care."