This is the patient selection criterion for a medical study. Next, I will show you patient cards and ask if this patient fits the criteria for this study, and you should answer 'yes' or 'no'. Clinical Trial Criteria: {

Inclusion Criteria:

Required:

- At least 18 years old

- Documented HIV infection.

Exclusion Criteria:

- Active infectious diseases, except HIV

- Diabetes prior to starting HIV medications

- Alcohol or drug abuse

- Cancer or lymphoma }

GM

Got it, I'm ready to review patient cards against those clinical trial criteria you provided and respond with 'yes' if the patient meets the inclusion criteria and does not meet any exclusion criteria, or 'no' if they do not qualify based on the criteria you outlined. I will assess each patient's information compared to the required age, HIV status, other infectious diseases, diabetes status, substance abuse issues, and cancer/lymphoma history provided in the criteria. Please go ahead and show me the patient cards whenever you're ready.

1. Man, 55 years old

Chief Complaints: shortness of breath with exertion, morning cough, periodic leg swelling

History: Has smoked an average of 15 cigarettes per day for the past 20 years. Weighs 275 lbs at 5'11" (BMI=38.5 kg/m2). Leads a sedentary lifestyle, drinks alcohol occasionally. Diagnosed with asthma in 2002, receives maintenance budesonide therapy. BP: systolic 140-150 mm Hg, diastolic 90-100 mm Hg. Past medical history: Class 2-3 obesity since 2000

GM

No. This patient does not meet the inclusion criteria for documented HIV infection. He meets the age requirement of being over 18 years old, but there is no mention of HIV diagnosis in his history. He has other medical conditions like asthma, obesity, and likely hypertension, but no noted exclusion criteria. However, without an HIV diagnosis, he does not qualify based on the clinical trial criteria you outlined.

2. A 38-year-old woman works as an accountant in a small company. Due to work, I lead a sedentary lifestyle. She often suffers from tonsillitis and flu. Her mother struggled with heart disease throughout her life and died of a heart attack at age 52. At the age of 37 I was diagnosed with HIV. Since then she has been taking Atripla regularly. After starting treatment, she developed weakness and fatigue. She used to smoke a lot, but gave up the habit a year ago.

GM

Yes. This 38-year-old woman meets the inclusion criteria of being over 18 years old and having a documented HIV diagnosis. While she has some other medical conditions like a history of tonsillitis/flu, there is no documentation of active infectious diseases except HIV. She also does not have a history of diabetes, substance abuse, cancer/lymphoma. Although she previously smoked, she quit over a year ago. Therefore, as she meets the age and HIV diagnosis inclusion criteria, and does not have any of the outlined exclusion criteria, this patient would qualify for the clinical trial based on the criteria you provided.

3. A 56-year-old man works as an assistant to the captain on a long-haul cargo ship. Due to the specifics of his job, he suffers from chronic inflammations of the middle ear and complains of poor hearing. In his medical history, he has had rheumatoid arthritis for the last 6 years. He says that he periodically takes Prednisone and Arava. According to the patient, the rheumatologist did not want him to take long-term medication, so he would give him Prednisone, then switch to Arava, and then switch him back to Prednisone again. He reports having taken Prednisone for the last 6–9 months. At the time of admission, the patient's blood pressure is 125/80 mmHg, height is 193 cm, weight is 130 kg, and he does not consume alcohol. He smokes up to 20 cigarettes a day.

GM

No. While this 56-year-old man meets the age inclusion criteria of being over 18 years old, there is no documentation that he has HIV infection. In his history, he has chronic middle ear inflammations, rheumatoid arthritis (on Prednisone and Arava), and is a smoker - but no mention of an HIV diagnosis. He does not have any of the outlined exclusion criteria conditions. However, without a documented HIV infection, he does not meet the clinical trial inclusion criteria you specified. Therefore, this patient would not qualify for the study based on the information provided.

4. Male, age: 23 years. Main complaint: periodic pain in the throat and ears.

History of Present Illness: John has a long history of frequent streptococcal pharyngitis and acute otitis media infections occurring more than 3 times per year since he was a teenager. He was treated with several courses of antibiotics over the years. Three years ago he had anaphylactic shock from penicillin antibiotics.

GM

No. This 23-year-old male does not meet the inclusion criteria for the clinical trial. While he meets the age requirement of being over 18 years old, there is no documentation that he has an HIV infection. In his history, he has frequent streptococcal pharyngitis and otitis media infections, had anaphylactic shock from penicillin, but no mention of HIV diagnosis. He does not have any listed exclusion criteria conditions either. However, without a confirmed HIV infection, he does not meet the necessary inclusion criteria you specified. Therefore, this patient would not qualify for the study.

5. Man, Age: 42. Diagnosed with HIV in 2019, on antiretroviral therapy

Developed significant fat depletion after starting HIV treatment

Low leptin levels in blood. Fasting triglycerides 420 mg/dL

History of lung cancer (adenocarcinoma) in 2010, currently in remission. Undergoes cancer screening every 6 months.

Father passed away from lung cancer

No chronic infections apart from HIV. No alcohol or substance abuse

GM

No. This 42-year-old man meets the inclusion criteria of being over 18 years old and having a documented HIV diagnosis. However, he has a history of lung cancer (adenocarcinoma) that is currently in remission. Since the exclusion criteria indicates cancer or lymphoma, this would disqualify him from the clinical trial based on the criteria you outlined even though he meets the HIV and age requirements. He does not have any other listed exclusion conditions like active infectious diseases, diabetes, or substance abuse. But because of his cancer history, he does not qualify for this study.

6. Age: 31 years old. Main complaint: sore throat, fever up to 38°C. History: Over the past 5 years, recurrent episodes of acute tonsillitis (4-5 times a year). Denies allergic reactions. Heavy smoker (smokes a pack a day).

GM

No. This 31-year-old does not meet the inclusion criteria for the clinical trial. While he meets the age requirement of being over 18 years old, there is no documentation that he has an HIV infection. His history includes recurrent tonsillitis and he is a heavy smoker, but does not mention HIV diagnosis. He also does not have any of the outlined exclusion criteria conditions. However, without a confirmed HIV infection, he does not meet the necessary inclusion criteria for the study based on the details you provided.

7. A 45-year-old white male with a history of schizophrenia and AIDS. He was admitted for disorganized and assaultive behaviors while off all medications for the last six months. Psych Consult - Schizophrenia ,"IDENTIFYING DATA, CHIEF COMPLAINT: "I'm in jail because I was wrongly arrested." The patient is admitted on a 72-hour Involuntary Treatment Act for grave disability. HISTORY OF PRESENT ILLNESS: The patient has minimal insight into the circumstances that resulted in this admission. The patient reports being diagnosed with HIV and AIDS in 1994. CURRENT MEDICATIONS: None, ALLERGIES: No known drug allergies. SOCIAL AND DEVELOPMENTAL HISTORY: The patient lives with his partner. He is unemployed. Details of his educational and occupational history are not currently known. His source of finances is also unknown, though social security disability is presumed., SUBSTANCE AND ALCOHOL HISTORY: The patient smoked one to two packs per day for most of the last year. At the time of admission, the patient's blood pressure is 130/85 mmHg, height is 169 cm, weight is 101 kg

GM

Yes. This 45-year-old male meets the inclusion criteria for the clinical trial. He is over 18 years old and has a documented history of HIV/AIDS diagnosed in 1994. While he has schizophrenia and a history of smoking, he does not have any listed exclusion criteria conditions like active infectious diseases, diabetes, cancer/lymphoma, or current alcohol/substance abuse issues. Therefore, as he meets the required HIV diagnosis and age inclusion criteria, without having any exclusionary conditions, this patient does qualify for the clinical trial based on the details provided.

8. A 44-year-old, 250-pound male presents with extreme pain in his left heel.", Podiatry, Plantar Fasciitis . A 44-year-old, 250-pound male presents with extreme pain in his left heel. This is his chief complaint. He says that he has had this pain for about two weeks. He works on concrete floors. He says that in the mornings when he gets up or after sitting, he has extreme pain and great difficulty in walking. He also has a macular blotching of skin on his arms, face, legs, feet and the rest of his body that he says is a pigment disorder that he has had since he was 17 years old. He also has redness and infection of the right toes.,O -, The patient apparently has a pigmentation disorder, which may or may not change with time, on his arms, legs and other parts of his body, including his face. He has an erythematous moccasin-pattern tinea pedis of the plantar aspects of both feet. He has redness of the right toes 2, 3 and 4. Extreme exquisite pain can be produced by direct pressure on the plantar aspect of his left heel.,A -, 1. Plantar fasciitis.,","podiatry, plantar fasciitis, tinea pedis, tinea purpura, heel, fasciitis, plantar, "

GM

No. This 44-year-old male does not meet the inclusion criteria for the clinical trial. While he meets the age requirement of being over 18 years old, there is no documentation that he has HIV infection. His history focuses on plantar fasciitis symptoms and a skin pigmentation disorder, but does not mention HIV diagnosis. He also does not have any of the outlined exclusion criteria conditions. However, without a confirmed HIV infection, he does not meet the necessary inclusion criteria for this study based on the details provided.