

MEDLEY Clinical Decision Report

Case tmpue1qumt8: Medical Case from tmpue1qumt8.txt

Case Overview

Presentation:	Final test: 65-year-old patient with persistent fever, joint pain, and recurrent abdominal pain episodes
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Diagnostic Landscape

Management Strategies

Critical Decision Points

■ ■ Low consensus indicates complex presentation - consider specialist consultation

Models: 8	Responded: 6	Unique Diagnoses: 0	Consensus: Weak
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Model Diversity & Bias Analysis

Model Response Patterns

Model	Origin	Release	Primary Diagnosis	Confidence
Mistral 7B	France	2023-09	Unknown	Varied
Gemma 2 9B	USA	2024-06	No diagnosis	Varied
Llama 3.2 3B	USA	2024-09	Unknown	Varied
Qwen 2.5 32B	China	2024-11	Unknown	Varied
Gemini 2.0 Flash	USA	2024-12	Unknown	Varied
DeepSeek V3	China	2024-03	Unknown	Varied

Identified Bias Sources

Temporal	Release dates vary	Model release dates span from 2023-09 to 2024-12, potentially affecting knowledge
Training Data	Multilingual web data	Broad knowledge but variable quality
Training Data	Curated datasets	Standard medical training data

Unique Model Perspectives

Diagnostic Categories

Detailed Model Responses

Mistral 7B (France)

1. Unknown
Recurrent joint pain and potential systemic symptoms may suggest rheumatoid arthritis, although the presentation here seems to favor septic arthritis.
2. Unknown
Recurrent abdominal pain and joint pain could potentially be related to gout, but the persistent fever is not typically associated with this condition.
3. Unknown
Recurrent abdominal pain may be a symptom of inflammatory bowel disease, but the joint pain and fever suggest an extra-intestinal manifestation, which is less common.

Llama 3.2 3B (USA)

1. Unknown
Patient's recurrent abdominal pain episodes could be related to GERD, which is a common condition characterized by stomach acid flowing back up into the esophagus
2. Unknown
Patient's joint pain and stiffness are consistent with osteoarthritis, a degenerative joint disease that can cause pain and limited mobility
3. Unknown
Patient's recurrent abdominal pain episodes and fever could be related to IBD, a group of chronic inflammatory conditions that affect the digestive tract

Qwen 2.5 32B (China)

1. Unknown
RA can present with persistent joint pain and fever, though it typically does not cause recurrent abdominal pain.
2. Unknown
This viral infection can cause fever, joint pain, and abdominal pain due to splenomegaly, but it is usually acute rather than persistent.
3. Unknown
IBD can cause recurrent abdominal pain and fever, but joint pain is less common compared to other conditions like SLE or RA.

Gemini 2.0 Flash (USA)

1. Unknown
SLE can present with fever, joint pain, and abdominal pain. Further investigation is needed to differentiate from Still's disease.
2. Unknown
RA can cause joint pain and can sometimes present with systemic symptoms like fever. Requires evaluation for rheumatoid factor and anti-CCP antibodies.
3. Unknown
Infection should always be considered in the setting of persistent fever. Requires blood cultures and imaging to rule out infectious sources.

DeepSeek V3 (China)

1. Unknown
SLE can present with fever, joint pain, and abdominal pain due to serositis or vasculitis. More common in women, but can occur in men.

2. Unknown Recurrent episodes of fever and abdominal pain are classic for FMF, though joint pain is also a feature. More common in certain ethnic groups.
3. Unknown Persistent fever and joint pain can occur in endocarditis. Abdominal pain might be due to septic emboli. Requires ruling out given potential severity.