Question:

A 5-year-old boy has recently been experiencing symptoms such as frequent ear pain and decreased hearing for some time. After examination, he was diagnosed with acute otitis media.

What is the recommended treatment plan for the doctor?



Pediatric Acute Otitis Media

Attribute:

Treatment Plan

Stage 1: Parameter Filling

```
acquire_knowledge
(entity=Pediatric Acute Otitis Media, attribute=Treatment Plan)

def acquire_knowledge(entity, attribute):
.....
return knowledge

Stage 2: Knowledge Function Call
```

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Knowledge:

```
("Pediatric Acute Otitis Media": {
"Treatment Options": ["Systemic Treatment", "Antibiotic Treatment", "Local Treatment", "Observation"],
"Medication Treatment": ["Amoxicillin", "Cephalosporins", "Macrolides", "Analgesics"] })
```

Output:

According to current treatment standards, medication is not necessary for the early stages of acute otitis media, and observation is the main approach. However, if symptoms do not improve after 48 hours, the doctor should consider using antibiotics for treatment. Amoxicillin and other antibiotics are usually recommended.

Relevant knowledge: "Pediatric Acute Otitis Media": { "Treatment Options": ["Systemic Treatment", "Antibiotic Treatment", "Local Treatment", "Observation"], "Medication Treatment": ["Amoxicillin", "Cephalosporins", "Macrolides", "Analgesics"] }

Stage 3: Response Generation with Knowledge