Patient Symptom Analysis Report - P20633

Patient ID: P-20633

Trial: CT-RESP-11 (Respiratory Study)

Reporting Period: September 16-21, 2025

Report Type: Comprehensive Symptom Diary Analysis

# Patient Profile Summary

Study Participation: Active participant in respiratory clinical trial CT-RESP-11

Data Source: Patient self-reported symptom diary Monitoring Location: Home-based reporting Compliance Status: Excellent - consistent daily reporting

Detailed Symptom Timeline Analysis September 16, 2025 - Baseline Symptoms Primary Symptom: Mild morning cough

 Severity Rating: 2/10 on patient-reported scale

 Associated Symptoms: None reported

 Management: Self-administered warm fluid therapy

 Sleep Quality: 7 hours (within normal range)

 Clinical Significance: Minimal impact on daily functioning

## September 17, 2025 - Symptom Progression

Primary Symptom: Persistent cough with mild chest tightness

 Severity Rating: Increased to 3/10

 New Symptoms: Mild chest tightness reported

 Respiratory Status: No shortness of breath documented

 Vital Signs: Temperature 98.6°F (normal)

 Clinical Assessment: Mild symptom progression within expected parameters

## September 18, 2025 - Peak Symptom Period

Primary Symptom: Cough intensity increased

 Severity Rating: 4/10 (highest recorded level)

 Additional Symptoms: Slight sore throat development

 Self-Management: Over-the-counter throat lozenge utilization

 Hydration Status: Maintained at 2L water intake

 Clinical Significance: Peak symptoms remained in mild-to-moderate range

## September 19, 2025 - Stabilization Phase

Primary Symptom: Morning cough persistence

 Severity Rating: Decreased to 3/10

 New Symptoms: Evening mild fatigue reported

 Vital Signs: Temperature 98.7°F (slight elevation but within normal)

 Medication Status: No additional medications required

 Patient Tolerance: Good overall tolerance maintained

## September 20, 2025 - Recovery Initiation

Primary Symptom: Significant cough improvement

 Severity Rating: Marked decrease to 1/10

 Functional Status: Able to walk 15 minutes without chest tightness

 Exercise Tolerance: Notable improvement in physical activity

 Clinical Significance: Clear recovery trajectory established

## September 21, 2025 - Resolution Phase

Symptom Status: Complete cough resolution

 Severity Rating: 0/10 (symptom-free)

 Activity Level: Normal daily activities resumed

 Sleep Quality: Optimal 8 hours sleep duration

 Vital Signs: Blood Pressure 118/76 mmHg, Heart Rate 80 bpm

 Overall Assessment: Full symptomatic recovery achieved

# Clinical Data Analysis

## Symptom Severity Trend

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Cough Severity (0-10 scale)** | **Additional Symptoms** | **Functional Impact** |
| Sept 16 | 2/10 | None | Minimal |

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Cough Severity (0-10 scale)** | **Additional Symptoms** | **Functional Impact** |
| Sept 17 | 3/10 | Chest tightness | Mild |
| Sept 18 | 4/10 | Sore throat | Mild-Moderate |
| Sept 19 | 3/10 | Fatigue | Mild |
| Sept 20 | 1/10 | None | Minimal |
| Sept 21 | 0/10 | None | None |
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Vital Signs Monitoring

Temperature Range: 98.6°F - 98.7°F (normal, stable)

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Blood Pressure: 118/76 mmHg (normal, single measurement)

Heart Rate: 80 bpm (normal, single measurement)

Respiratory Assessment: No shortness of breath reported throughout period

## Patient Self-Management Strategies

1. Hydration Maintenance: Consistent 2L daily water intake
2. Symptomatic Relief: Appropriate use of warm fluids and throat lozenges
3. Activity Modification: Appropriate rest during peak symptoms
4. Medication Compliance: No additional medications required

# Safety Assessment

## Adverse Event Classification

Severity Level: Mild (Grade 1)

Relatedness to Study: Possibly related (consistent with expected respiratory symptoms)

Outcome: Complete resolution without intervention

Hospitalization Required: No

Study Continuation Status: Appropriate for continued participation

## Risk Factors Identified

Low Risk Indicators:

 Symptoms remained mild throughout course  No respiratory distress reported

 Vital signs remained stable

 Self-management strategies effective

No High-Risk Features:

 No fever above 100°F

 No severe respiratory symptoms  No cardiovascular compromise

 No need for medical intervention

# Clinical Significance and Recommendations

## Positive Indicators

1. Expected Symptom Profile: Symptoms consistent with anticipated trial effects
2. Self-Limiting Course: Natural resolution without medical intervention
3. Patient Compliance: Excellent diary completion and self-monitoring
4. Functional Preservation: Minimal impact on daily activities

## Monitoring Recommendations

1. Continue Daily Symptom Reporting: Maintain current diary schedule
2. Vital Signs Monitoring: Weekly vital signs assessment recommended
3. Activity Tolerance: Monitor exercise capacity during recovery phase
4. Follow-up Scheduling: Routine study visit protocols maintained

## Study Implications

Protocol Adherence: Patient demonstrates excellent compliance with study requirements

Safety Profile: Favorable safety data supporting continued study participation

Efficacy Signals: Symptom pattern provides valuable data for primary endpoint analysis

# Conclusion

Patient P-20633 experienced a mild, self-limiting respiratory symptom episode consistent with expected trial parameters. The symptom course demonstrated a clear progression from onset through resolution over 6 days, with peak symptoms remaining in the mild-to-moderate range. Excellent patient compliance with diary reporting and self-management strategies contributed to optimal data collection and patient safety monitoring.

The complete symptomatic resolution and return to normal activities support continued study participation with routine monitoring protocols. This case exemplifies the expected safety profile for the CT-RESP-11 trial population.

Clinical Assessment: Favorable

Study Continuation: Recommended

Next Review: Routine follow-up per protocol

Report Prepared by: Clinical Study Team