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Experts explain the latest bulletin of unknown cause of viral pneumonia

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    Q: How was this outbreak diagnosed?

    Answer: Based on the patient's clinical manifestations, epidemiological history, and pathogenic test results, a comprehensive study is made.

    Q: What are the characteristics of the clinical manifestations of this outbreak?

    Answer: The clinical manifestations are systemic symptoms such as fever and fatigue, accompanied by dry cough, and dyspnea in hospitalized patients is more common. Vital signs were generally stable at the time of admission.

    Q: There is currently one death case. What is the specific situation?

    Answer: The patient was a 61-year-old male. He was admitted to the hospital due to respiratory failure and severe pneumonia, and also suffered from abdominal tumors and chronic liver disease. The patient purchases goods from the South China Seafood Market in Wuhan. After admission to the hospital, symptomatic support, anti-infection, ventilator-assisted breathing, continuous ECMO in vitro life support, and other treatments were not improved. On January 9, 2020, the heartbeat stopped and she died after rescue. The results of the etiology test indicated that the new coronavirus was positive for nucleic acid. The deaths were diagnosed as severe pneumonia, acute respiratory distress syndrome (severe), septic shock, multiple organ failure, severe acid-base metabolism disorders, and liver cirrhosis. The direct cause of death was respiratory circulation failure.

    Q: What does it mean that the report says "no new cases have been detected since January 3, 2020"?

    Answer: According to epidemiological surveys by national, provincial and municipal experts, the incidence of unexplained viral pneumonia in Wuhan this time was between December 8, 2019 and January 2, 2020. Since January 3, 2020, clinical and epidemiological investigations have revealed no patients with new infections.

    Q: How to understand "No clear evidence of human-to-human transmission"?

    Answer: According to epidemiological surveys by national, provincial and municipal experts, most of the unexplained viral pneumonia cases in Wuhan this time have a history of exposure to the South China seafood market. No clear evidence of human-to-human transmission has been found. We are further conducting epidemiological investigations and related laboratory tests. In addition, all close contacts, including medical staff, have so far not detected any related cases.

    Link to original report: http://wjw.wuhan.gov.cn/front/web/showDetail/2020011109035

**专家解读不明原因的病毒性肺炎最新通报**

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**问：本次疫情病例是怎样诊断的？**

    答：根据患者临床表现、流行病学史和病原学检测结果综合研判。

**问：本次疫情病例临床表现上有什么特点？**

    答：临床表现为发热、乏力等全身症状，伴有干咳，住院患者呼吸困难较为常见。绝大多数患者入院时生命体征大致平稳。

**问：目前出现一例死亡病例，具体是什么情况？**

    答：患者为男性，61岁，因呼吸衰竭、重症肺炎入院，同时患有腹部肿瘤及慢性肝病。该患者常年在武汉市华南海鲜市场采购货物。入院后给予对症支持、抗感染、呼吸机辅助呼吸、持续ECMO体外生命支持等治疗后，症状无好转，于2020年1月9日晚心跳停止，经抢救无效死亡。病原学检测结果提示新型冠状病毒核酸阳性。死亡诊断为重症肺炎，急性呼吸窘迫综合征（重度），脓毒性休克，多器官功能衰竭，严重酸碱代谢紊乱，肝硬化。直接死亡原因为呼吸循环衰竭。

**问：通报中说“自2020年1月3日以来未发现新发病例”，这意味着什么？**

    答：根据国家、省市专家的流行病学调查，这次武汉不明原因的病毒性肺炎病例发病全部在2019年12月8日到2020年1月2日之间。自2020年1月3日以后，临床和流行病学调查显示，没有发现新感染发病的病人。

**问：如何理解“未发现明确的人传人证据”？**

    答：根据国家、省市专家的流行病学调查显示，这次武汉不明原因的病毒性肺炎病例大部分都有华南海鲜市场暴露史，目前没有发现明确的人传人证据。我们还在进一步开展流行病学调查和相关的实验室检验检测。另外，截止目前所有密切接触者包括医务人员都未发现相关病例。

    通报原文链接：<http://wjw.wuhan.gov.cn/front/web/showDetail/2020011109035>