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### 广东口岸首例输入性卵形疟病例的诊断分析

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### Diagnosis of the First Imported Case of Plasmodium ovale Infection at Guangdong Port

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**摘要** 广东发现首例输入性卵形疟病例, 该患者在缅甸务工1周, 回国入境时有发热等症状。right VIEW疟疾快速胶体金检测卡检测为弱阳性; 采血制备厚、薄血片镜检, 并提取血样DNA, 实时荧光PCR检测间日疟原虫、卵形疟原虫和三日疟原虫感染情况, 检测结果为卵形疟原虫阳性。给予蒿甲醚抗疟治疗, 该患者症状好转。

**关键词:** 输入性疟疾 卵形疟原虫 镜检 实时荧光PCR

**Abstract:** The first imported case of Plasmodium ovale infection in Guangdong Province was identified. The patient worked in Myanmar for one week and had a fever when he arrived at Guangzhou Baiyun International Airport. Epidemiological information and blood sample were collected. The detection was conducted by microscopy, right VIEW rapid malaria test (RDTs) and real-time PCR with Plasmodium genus-specific and species-specific primers and probes. The case showed weak positive RDT result, and was confirmed as P. ovale infection by microscopy and real-time PCR. After treatment with artemether, his symptoms improved.

**Keywords:** Imported malaria Plasmodium ovale Microscopic examination Real time PCR

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