



### 河南省3例输入性三日疟的诊治分析

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### Diagnosis and Treatment for Three Imported Plasmodium malariae Malaria Cases in Henan Province

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**摘要【提要】** 采用吉氏染色镜检、CareStartTM疟疾快速诊断试剂盒和巢式PCR等3种方法, 对2011年河南省3例自安哥拉和赤道几内亚归国的三日疟患者血样进行检测。2例自安哥拉归来的患者分别于回国后15 d和27 d发病; 另1例患者曾在赤道几内亚发病, 归国2个月后再次发病。3例患者均有发热、头痛和畏寒等症状, 但发热规律不典型。2例患者出现总胆红素升高、脾大等临床表现。3例患者镜检均可见典型的三日疟原虫形态, 巢式PCR检测均扩增出与三日疟预期一致的特异性条带, 但CareStartTM疟疾快速诊断试剂盒检测结果均为阴性, 3例患者均经复方青蒿素类药物(ACT)治愈。

**关键词:** 输入病例 三日疟 诊断 治疗 巢氏PCR

**Abstract: 【Abstract】** Giemsa-stained blood film microscopy, CareStartTM rapid detection and PCR were used to detect the three cases who returned from Angola and Equatorial Guinea to Henan Province. Onset of malaria symptoms for two patients occurred 15 d and 27 d after their return from Angola, respectively. Two months after returning home, another case relapsed who had suffered from malaria in Equatorial Guinea. All three patients had the symptoms such as irregular fever, headache, chills and so on. Two cases had elevated total bilirubin and splenomegaly. The cases were confirmed as P. malariae infection by microscopic morphological examination. Amplified bands were produced by 18S rRNA nested PCR, which was the same with P. malariae in size, whereas the results of CareStartTM rapid detection test were all negative. They were cured by using artemisinin-based combination therapy (ACT).

**Keywords:** Imported case Plasmodium malariae Diagnosis Treatment Nested polymerase chain reaction

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