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Analysis of the surveillance status and epidemic characteristics of pertussis in China

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China is facing the “pertussis resurgence”. At the same time, the epidemic feature is very different from the traditional pertussis. There is a lack of unified pertussis surveillance program in China. The backwardness of previous standard of diagnosis leads to the huge difference of morbidity and epidemic features among different areas which use different surveillance program. To face the big challenge of the “pertussis resurgence”, purposeful control and prevention measures need to be conducted immediately. First of all, it is necessary to establish a unified definition of pertussis surveillance, laboratory testing standards, and regulate the principle of epidemic disposal. Secondly, medical staff’s awareness of new epidemic features of pertussis should be raised; their ability of reporting and diagnosis of pertussis should be improved. Finally, according to the actual incidence and epidemic characteristics, we should adjust the current pertussis immunization strategy to meet the new requirements in the new situation of pertussis prevention and control.

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