

王绪明 北京 中国人民解放军总后勤部卫生部药品仪器检验所 100071

摘要：本文对近年来红外光谱在临床医药学应用中的新进展进行综述。叙述(1)微量样品红外光谱测定的前处理；(2)红外光谱在药品质量检测方面的应用。例如中药材的检测、西药及其制剂的检测；(3)红外光谱在临床疾病诊断方面的应用。例如冠心病、糖尿病、各种癌症的诊断；(4)红外光谱联用技术的应用。例如GC FTIR、HPCL FTIR、TCL FTIR、HPTCL FTIR等。为药物质量控制、临床诊断提供参考。

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### Recent new advance of application for infrared spectrometry in clinical medicine

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Abstract: This review has reported recent new advance of application for infrared spectrometry in clinical medicine. (1) It has introduced treatment of microsample before determination by infrared spectrometry. (2) Application of infrared spectrometry in quality control of drugs. For example, detection of Chinese medicine, detection of drugs and its pharmaceuticals. (3) Application of infrared spectrometry in clinical disease. For example, diagnosis of coronary heart disease, melituria and cancers. (4) Application of combined with infrared spectrometry technique. For example, GC FTIR, HPCL FTIR, TCL FTIR etc. made in inference for quality control of drugs and disease diagnosis.

Key words:

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