

The Applications of Multi-agent in an Expert System –AVDDT*

Yang Kaiying
Wuhan University of Technology
Wuhan, 430070, China
Email: yangky@mail.whut.edu.cn **Tel:** 027-62052953

ABSTRACT

The paper introduces the applications of multi-agent distributed AI technology in diagnosis and treatment system of acute ventral disease (AVD). Based on the complex correlated analyses for the treating process, multi-agent's structure and the functions of each layer is constructed. Whereafter, the applications of blackboard model are discussed as a key part in this multi-agent system's cooperative communication subsystem.

Keywords: Multi-agent, Expert System, Acute Ventral Disease, Distributed AI.

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