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## 研究方向

心血管疾病，心脏大血管疾病，周围血管（如肾动脉狭窄、主动脉夹层、腹主动脉瘤、下肢动脉粥样硬化闭塞症、深静脉血栓等）的介入治疗。工作18年，在心血管疾病及周围血管疾病诊疗方面有着丰富的临床经验。

## 所获荣誉

2022年在支援甘孜藏族自治州白玉县抗疫工作获得甘孜州州委，甘孜州人民政府嘉奖。

## 科研成果

发表论文23篇，实用新型专利3项，参与“973”课题一项，参国家国家自然科学基金2项，主持省级科研课题1项，主研GCP 项目1项，参编专著《干细胞技术在心血管疾病中的应用》，并由人民卫生出版社出版。以副主编完成《新编内科诊疗学》，由吉林科学技术出版社出版。

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