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# 医療情報医学講座

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## 【研究プロジェクト名および概要】

- I. 多彩な入出力インターフェイスを備えた電子医療記録装置の整備開発に関する研究
- II. データ標準化SS-MIX2による循環器/糖尿病疾患を対象とした臨床効果データベース研究
- III. センサー情報や音声、波形、携帯端末情報の収集と活用による効果的な診療支援、医療応用の研究
- IV. 電子診療録を用いた自然言語処理解析による診療支援と疾患発症予測に関する研究
- V. 地域医療連携ネットワークシステム構築、連携パスの確立に関する研究
- VI. くまもとメディカルネットワークによるリアルワールドデータを用いた研究
- VII. がん登録/臨床研究等診療関連情報登録、精度管理、情報活用、データ管理に関する研究
- VIII. 病院情報システムとの連携に係るFHIR APIの開発とスマート化実証に関する研究
- IX. 生成AIによる診療支援開発に関する研究
- X. 医療人養成教育のためのe-Learning環境構築に関する研究

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## 【特殊技術・特殊装置】

1. 大学病院内 病院情報管理システム KAIJU3 並びに仮想サーバーSBC システム
2. 臨床研究支援システムDWH、B I ソフト、データ連携ミドルウェア
3. 大学病院ファイアウォール、院内ネットワーク装置およびネットワークセグメント
4. FHIR 統合変換蓄積システム

【英文原著】

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【和文著書(原著論文、総説など)】

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