

Healthcare Call-for-Collaboration

Quality Improvement for Disease Management via Data Mining & Decision Support – The Arezzo Approach



InferMed Asia Pte Ltd

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Key Strength in Healthcare & Technology



- **InferMed 's Expertise**
 - Provides decision support applications for healthcare
 - Proven technology for creating and executing computer-interpretable 'active' guidelines in the PROforma language
 - Provides Predictive Analytics and Data Mining Solutions
 - Renowned clinical specialists like Dr Robert Dunlop and Professor John Fox are the expertise at InferMed.
 - Renowned A.I. Expert like Dr Alan Montgomery at InferMed.
- Our **Key Strength** related to this Healthcare Collaboration
 1. **Enabling 1 to 1 Patient Care** via Integration of "Active guidelines with EMR
 2. **Providing Technology and Content** to implement Computer Interpretable Clinical Guidelines (CIGS) and Clinical pathway.
 3. **Enabling Prospective Medicine** via Predictive Analytics , Data Mining, Clinical Algorithm and Evidence-based medicine.
 4. **Providing Patient referral application** for GPs and Healthcare Providers
 5. Using our existing experience derived from Europe and USA to jumpstart our development in Singapore by **incorporating best practices from Europe and USA** to benefit the Singapore Healthcare Providers.
 6. **Using Advanced Data Mining technologies with executable clinical care pathways** for multiple clinical domains, particularly for analysis of complex diseases with multiple co-morbidities

Potential Collaboration Areas



- Singhealth
 - Clinical Pathways Solutions
 - Clinical pathways, Clinical algorithm, Evidence based medicine, Analytics eg. Data Mining
 - AI & Expert Systems
 - Arezzo: State of the art rule engine with easy to use GUI to compose and maintenance rules with auto code generator to generate portal application.
 - Clinical pathways, Clinical algorithm, Evidence based medicine.
 - Predictive Analytics for Prospective Medicine using Advanced Data Mining, AI, OLAP, Dashboard, Balance Score Card KPIs
 - Decision Support System to data mine research outcomes database to support work of researchers including tracking and workflow
 - Decision support & Workflow tracking system for grant approval and tracking
- NHG
 - Chronical Disease Management and Care Integration:
 - Care Management
 - Chronic disease management, Care plan, Protocol, Discharge planning;
 - Clinical Decision Support
 - Clinical pathways, Clinical algorithm, Evidence based medicine, Predictive Analytics and Data Mining
 - FBCS – Patient Safety, Patient Education
 - Rule-based system for high-alert medications
 - Arezzo: State of the art medical rule engine with easy to use GUI to compose and maintenance rules with auto code generator to generate portal application.
 - Clinical pathways, Clinical algorithm, Evidence based medicine, Predictive Analytics and Data Mining.

Type of Potential Business Partner(s) we are looking for:



- Electronic medical records suppliers
 - Decision support should be integrated with existing clinical data and feed back into medical records
- Solution Vendors
 - Solution vendors who need medical expertise for pathway and evident based medicine solution
 - E-learning vendors who need medical contents for guideline, clinical pathway and evident based medicine.
 - Solution vendors who need predictive analytics , data mining expertise and solutions
- Systems integrators
- Point of Contact for Partner(s)
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