Indiana Telemedicine Incubator
As telemedicine continues to grow, industry experts are looking for ways to cut costs, improve access to medical care and provide medical education to remote locations.

With these issues in mind, telemedicine is leveraging areas such as the Internet, multimedia, telecommunication and database technologies.

This need inspired the development of a telemedicine industry consortium in the state of Indiana.
The Goal

Develop a world-class telemedicine research and development consortium in the state of Indiana.

Enabling real-time diagnosis/consultation through state of the art telemedicine research

This research will address the needs of telemedicine in the areas of consultation and diagnosis, as well as medical education applications. ITI will leverage the latest research and technologies to foster economic development opportunities through an aggressive technology commercialization program.

The initial concept being pursued is a software package called InterMed. InterMed will be a distributed, multimedia database system and network infrastructure that will integrate audio, video and text data.
ITI Scope

The ITI is a multidisciplinary consortium for the development of distributed, multimedia database technology for the health care industry. It develops technologies for which there are critical needs in major areas of telemedicine: consultation, diagnosis, and medical education.

This broad-based consortium includes researchers, practitioners, educators, service providers, and product developers. The fluidity of the group will encourage a continuous process of research and development. The Indiana Telemedicine Incubator was formed to be a perpetual entity -- not a fixed length project. Therefore, its goals are articulated around a set of processes.

The initial funding is from the 21st Century Research & Technology Fund of the State of Indiana.
Assets

Technical Expertise

- ITI is maximizing the expertise of Purdue researchers and its industry partners. The cutting edge research being done at Purdue University in video databases, digital libraries, storage and I/O technology, combined with the extensive work being done at Micro Data Base Systems and Med Institute, gives this group a broad technical expertise in the key areas of development.

Medical Consultation

- Clarian Health Partners and the IU School of Medicine have committed immense amounts of consultation and research into the development of the InterMed prototype. Industry experience will be the thrust of the development of InterMed and all ITI research, ensuring that critical needs are addressed in every project.
Assets

Management Experience

- Purdue’s highly regarded Krannert School of Management will provide management expertise ensuring that the market needs are addressed for every ITI venture.

Industry Linkages

- The Indiana Health Industry Forum provides additional support by updating the consortium with current trends in telemedicine and outreach to industry. This enables proper focus for all telemedicine research.

Donated by NCR and Wal-Mart
Current Partnerships

ITI
Indiana Telemedicine Incubator

Purdue University

Clarian Health
Methodist • IU • Riley

Indiana Health Industry Forum

MDBS
Micro Data Base Systems, Inc.

Indiana University
School of Medicine

COOK®
MED Institute
The ITI Team

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You can participate in the development of advanced telemedicine applications.

1) Become an ITI partner

2) Provide funding for the ITI initiative

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