

Red Forest Consulting, LLC

Human Factors Engineering Consulting for Health Care

Red Forest Consulting Services

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www.redforestconsulting.com

- *Want to instill a culture of safety in your medical residents?*
- *Can't solve a stubborn human factors problem?*
- *Are you in need of a patentable invention to solve it?*
- *Have an architectural project that needs human factors guidance?*
- *Planning to develop HFE competency, but don't know how to get started?*

We provide consulting to health care businesses who understand the need for human factors engineering (HFE) and are ready for the next step. Here are some examples of our services:

HFE & Invention

- Apply HFE methods to tackle patient safety challenges
- Identify and assist with patentable innovations (usually hiding in plain sight)
- Blend HFE with inventive problem solving techniques like TRIZ

HFE Analysis & Design

- Develop or review HFE test plans (scenarios, participant selection, AV approach)
- Transforming raw HFE data into usable information
- Design or redesign of work areas, order forms, procedures, warning signs, quick users guides
- Procurement decisions and developing effective in-service training

Innovative & Pro-active Application of HFE

- HFE and architecture (audit existing space, renovation, new structure)
- Instilling a culture of safety into medical residents and other learners
- Better/safer devices and tools for home care, including patient education and adherence

HFE Program Development

- Enhance position descriptions and target job announcements
- Coaching new hires on the job (senior HFE with no medical, or junior HFE)
- Market plan review and enhancement

HFE Workshops

- Workshops for clinical staff, engineers, project managers, patient safety specialists, hospital leadership...
- Half day, one-day, two-day, and week-long workshops