EMERGE INNOVATION EXPERIENCE

The Emerge Innovation Experience is committed to bringing healthcare executives and investors together with innovative market suppliers, from startup to established, working to find solutions for real-world problems that are being prioritized by healthcare executives in the short-term.

U.S. hospital systems are grappling with capacity issues that exacerbate workforce and supply chain challenges, creating an unsustainable trajectory. Solutions that address these challenges are essential to improving operational efficiency and delivering quality care cost-effectively.

The Emerge Innovation Experience **Provider Systems C-Suite Executive Committee** has outlined the following challenges targeted as part of their respective short-term (12-36 months) strategic plans. The Innovation Contest application portal is now open.

- **Challenge:**
  - **Address capacity crisis within hospitals**

    Mitigate capacity issues in hospitals by optimizing patient flow to reduce wait times and overcrowding. Efficient resource management and improved bed availability, will ensure timely, high-quality care for all patients.

  - **Areas of focus**
    - Training and Technology Integration: Training solutions and technology tools, such as chatbots, to support clinical staff
    - Triage Technology Solutions: Technology solutions that effectively triage care
    - Alternative Care Models: Innovate remote monitoring, virtual care triage, and AI-driven patient engagement
    - Patient Flow Optimization: Solutions that streamline discharge process, expedite transfers, and optimize OR scheduling based on real-time staffing data.
    - Predictive and Real-time Management: Solutions that integrate predictive analytics and real-time data to support proactive care transitions and optimize resource allocation.

- **Challenge:**
  - **Address the workforce/staffing shortages and Optimize Staff Efficiency**

    Tackle workforce shortages by maximizing existing staff capacity, streamlining operations, and connecting clinicians to high-demand areas. These solutions support healthcare staff, reduce burnout, and maintain high-quality patient care even during staffing challenges.

  - **Areas of focus**

- **Clinician Support Tools:** Tools that enable clinicians to manage higher patient volumes effectively.
- **Real-Time Resource Allocation Systems:** Systems that match clinicians with immediate staffing needs, ensuring resources are directed to areas experiencing shortages in real time.

- **Challenge**
  - **Address supply chain and resource management challenges**

    Develop solutions that enhance hospital systems' ability to track and access inventory, ensuring better management of essential supplies—particularly critical ones

  - **Areas of focus**
    - **Inventory Visibility Solutions:** tools that track and provide visibility into regional and national inventories
    - **Predictive Data Models:** Tools that analyze burn rates and forecast future supply needs, supporting proactive reordering to prevent stockouts
    - **Automation for Efficiency:** Automated solutions that reduce manual workload, streamline supply tracking, and minimize errors, improving overall resource management efficiency.