Patient Safety R&D Salons
Knitting Together the Regional Ecosystem of Autonomous Patient Safety R&D

What is a Salon?
A salon is a gathering of individuals from various disciplines and organizations who come together to engage in intellectual discussions, share ideas, and inspire the development of innovative solutions. Salons foster creativity, collaboration, and the exchange of knowledge among diverse groups. Salons can also highlight the region's strengths and local achievements, further positioning Pittsburgh as a global tech hub for autonomous patient safety R&D.

Why Patient Safey R&D?
One in four hospitalized patients experienced harm before the pandemic, and we experienced an even further substantial deterioration in patient safety measures during COVID-19. This deterioration in safety is compounded by the current healthcare workforce shortages and burnout. Over half of nurses indicated that frequently their unit does not have the necessary staff to provide quality care. During this crisis, we can't ask our frontline healthcare teams to do more. Instead, we need to create autonomous, tech-enabled solutions to support and augment their work, and use human-factors engineering to build our care teams a better work environment to achieve safe, optimal care.

Why Pittsburgh?
The Pittsburgh region is primed to become a leader in creating these solutions by deploying its regional assets in robotics, AI/ML, Big Data Analytics, and integrated delivery systems.

What are the Objectives of the Patient Safety R&D Salons?
This Salon is designed to stimulate a pipeline of new patient safety R&D activity in the region. Participants will:
- learn about the **patient safety priorities** and **market opportunity**
- hear about the **needs of providers patients, and payers** to prevent harm in health care
- explore the **applications of technologies** to prevent harm in health care
- discover participants' strengths and interests, and **establish connections** across silos for patient safety R&D
- monitor funding opportunity announcements, and identify **opportunities to jointly apply for grants**
- identify tactics for improving the development and implementation of tech in health care

Who Should Participate?
- **Healthcare providers and frontline professionals** can share their insights on patient safety concerns and contribute to the development of practical solutions.
- **Healthcare organizations** can provide a broader organizational perspective on patient safety initiatives.
- **Researchers, tech companies, and startups** can contribute their expertise in autonomous systems, AI/ML, robotics, and healthcare data analytics.
- **Policymakers** can offer insights on the legal and policy landscape that impacts patient safety and the adoption of autonomous systems in healthcare.
- **Patient activists** can provide valuable perspectives on the needs and expectations of patients and families.
- **Insurers and payers** can contribute to the discussion on financial incentives to adopt patient safety solutions.
- **Investors** can offer insights into what they look for when identifying opportunities to support early-stage R&D and learn about patient safety solutions and the emerging R&D teams in the region.