

USE CASE

Medical Surveillance Services



Compliance-Driven. Physician-Led. Built for Scale.

Summary

Acuity International designs and operates end-to-end medical surveillance programs that help employers with compliance-based occupational health requirements proactively identify risk, protect workers, and keep operations moving. We bring standardized exams, physician oversight, mobile/onsite delivery, and unified reporting together under one proven, single-vendor model.

Industry: Multi-industry employers with compliance-driven Occupational Health (OH) requirements (manufacturing, construction, energy & utilities, transportation, healthcare, public safety, labs & R&D, agriculture, and government).

Challenge

Fragmented vendors, offsite inefficiencies, and inconsistent protocols slow cycle time and leave gaps in exposure monitoring. Manual scheduling and variable exam quality create rework, while scattered records make audits harder than they should be. The result: compliance risk, avoidable downtime, and missed opportunities for early detection.

Solution

Acuity standardizes medical surveillance across your footprint – combining mobile/onsite teams, board-certified medical oversight, and digital workflows. Our proprietary systems streamline scheduling, track status in real time, unify records, and enable rapid physician review and disposition. The outcome is a consistent, audit-ready scalable program.

What's included - Integrated onsite services: histories, physicals, labs, imaging, and physician reviews - Mobile teams and network coverage to reduce lost time and travel - Automated QA and standardized protocols across sites - Real-time dashboards and unified records for each examinee - Medical management available for complex cases and post-exposure guidance

Cadence we support - Pre-placement (baseline); Periodic (scheduled); Post-incident or Exposure; Return-to-Work (RTW) with physician clearance as required.

Why it Matters

- **Hearing hazard:** About 54% of firefighters' cumulative noise exposure exceeds NIOSH's recommended exposure limit – underscoring the need for audiometry and hearing conservation.
- **Silica thresholds that trigger action:** OSHA action level = 25 µg/m³ (8-hr TWA) and PEL = 50 µg/m³ – exposures at/above the AL require assessment and controls.
- **Zoonotic risk signal:** 89,000+ Lyme disease cases were reported to CDC in 2023; estimates suggest ~476,000 people are diagnosed and treated annually in the U.S.

Occupational Physician Consultation in Action – Tick-Borne Exposure

Situation

Employee reported a tick attachment to employer's OH nurse who requested medical management support from Acuity for the confirmed tick-borne exposure.

Action

An Acuity occupational physician reviewed history and labs, issued written guidance for immediate management and follow-up, and coordinated with the employer's OH team on monitoring and safe RTW criteria.

Outcome

Clear, evidence-based plan reduced uncertainty, enabled timely care, and demonstrated how integrated physician consultations strengthen medical surveillance and exposure management.

**703.261.1110**

Ready for us to back up your team? Call us today!



Benefits



Early risk detection and faster clearance decisions



Less downtime with onsite/mobile delivery and coordinated scheduling



Audit-ready documentation and unified records



Consistent quality via standardized protocols and physician review



Measurable program performance and trend reporting

Program Overview

Industry	Typical Surveillance Programs
Manufacturing & Construction	Hazardous substances/exposures (e.g., metals, solvents), respiratory protection & spirometry, hearing conservation (audiometry), ergonomic & repetitive motion monitoring, bloodborne pathogens where applicable.
Energy, Utilities & Field Operations	Respiratory protection & fit testing, noise/hearing, heat stress monitoring, hazardous substance exposure monitoring, zoonotic and vector borne risks for outdoor crews (e.g., tick borne diseases) where relevant.
Healthcare & Laboratory	Bloodborne pathogens and immunizations; respirator use & spirometry; hazardous drug handling; sharps/needlestick follow up; ergonomics; infectious disease exposure response.
Public Safety (Fire/EMS/Law Enforcement)	Respiratory protection; hearing conservation; hazardous material and smoke/combustion byproduct exposures; infectious-disease and zoonotic exposures for field responders; visual, cardiovascular, and fitness-for-duty parameters per agency policy.

Program Experience & Scale



National & Multi-site Programs
across diverse environments



Standardized Exams
with centralized QA & secure electronic record transfer



Robust Provider Network
enabling onsite/mobile coverage and reduced travel

About Acuity

Acuity International is a leading provider of process- and technology-driven critical services for government and commercial customers. We specialize in medical services, occupational health, program & construction management, and advanced environmental remediation for Federal agencies, U.S. State and Local Governments, global partners, and commercial organizations. Our focus is on ensuring mission continuity and stability by solving complex challenges in some of the most demanding environments worldwide.



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