If ED administrators could be alerted in advance to the possibility of patient overcrowding, they would be able to better allocate their resources to accommodate increased demand before care quality and access become compromised. This would be a leading-edge solution — not only for patients, but for overworked and burnt-out clinicians as well.

**Safety, Fraud Analytics Markets Poised for Growth**

Major research and consulting firms continue to limn the technological and financial boundaries of the predictive analytics space. And the picture looks good.

_Frost & Sullivan Reports Preview Patient Safety, Population Health Analytics Markets_

Recent analysis from Frost & Sullivan called _Patient Safety in Healthcare, Forecast to 2022_, assesses what the company calls “the 30 most pressing safety adverse events affecting patients, caregivers and healthcare organizations across the globe” — episodes that together affect more than 90 million patient admissions, result in 2 million deaths and cost, for the next four years, almost $100 billion annually. The study also covers “innovative and promising solutions, future market potential, convergence of new technologies, key market participants, competitive landscape and investment trends,” a statement reports.

“Up to 17% of hospitalizations are affected by adverse events and 15% of hospital expenditure is attributable to addressing them,” says Anuj Agarwal, transformational healthcare senior research analyst at F&S. “To reap growth opportunities, care providers and market participants should target their patient safety value proposition toward low-penetration areas with significant disruptive potential like antibiotic resistance, cybersecurity, avoidable ED admissions, pressure ulcers and sepsis.” Major barriers to market growth: lack of clarity on available business models, fragmented and isolated vendor solutions, disagreement on ideal patient safety solutions and implementation costs.

In the next four years, the F&S report sees patient safety transitioning to a core value proposition for providers and, as a result, “high adoption of patient and asset tracking as well as identification technologies” and “increased consolidation in the industry with large med-tech companies going for provision of targeted solutions for key unmet need areas.” Another trend: “significant use of remote technologies coupled with increasing healthcare data exchange, leading to a disproportionate increase in cybersecurity risks.”

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