

OBA SAFETY MEASURES

FORMULATION and APPLICATION
of
PROTOTYPICAL SAFETY MEASURES
to
ADDRESS NOVEL PATIENT SAFETY
THREATS

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INITIAL MEASURES MUST SEEK ABSOLUTE SAFETY FOR PATIENTS AND STAFF

- Avoid Known Risks Entirely
 - Elective Cases
 - Non-Elective Cases
- Anticipate Potential Risks
 - Mechanism of Pathology
 - Mechanism of Risk Transmission
- Mitigate Unavoidable Risks
 - Minimize Exposure
 - Maximize Protective Measures

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NEW MEASURES MUST EVOLVE TO REMAIN EFFECTIVE

- Process Evolution
 - Modifications required for effective implementation
- Outcome Evolution
 - Modifications required to achieve desired effect
- Knowledge Evolution
 - New information drives modifications
- Technology Evolution
 - New technology drives modifications
 - Equipment
 - Pharmaceuticals
 - Laboratory

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NEW MEASURES SHOULD NOT COMPROMISE EXISTING SAFETY MEASURES

- Fundamental Principles Remain
 - Principles of Physiologic Support
 - Principles of Pharmacology
- Novel Threats Seldom Are
 - Known Mechanisms of Pathologic Effect
 - Infectious Agent
 - Toxin
 - Physical Trauma
 - Physics
 - Unknown Mechanisms of Pathologic Effect
 - Not yet categorized as known mechanism
 - Truly Novel Mechanism

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REFERENCES

- <https://www.ashq.org/about-asa/newsroom/news-releases/2020/03/asa-sccm-joint-statement-to-collaboratively-address-the-covid-19-pandemic>
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