



The Human Factors Analysis and Classification System: It Works in Aviation, Why Not in Healthcare?

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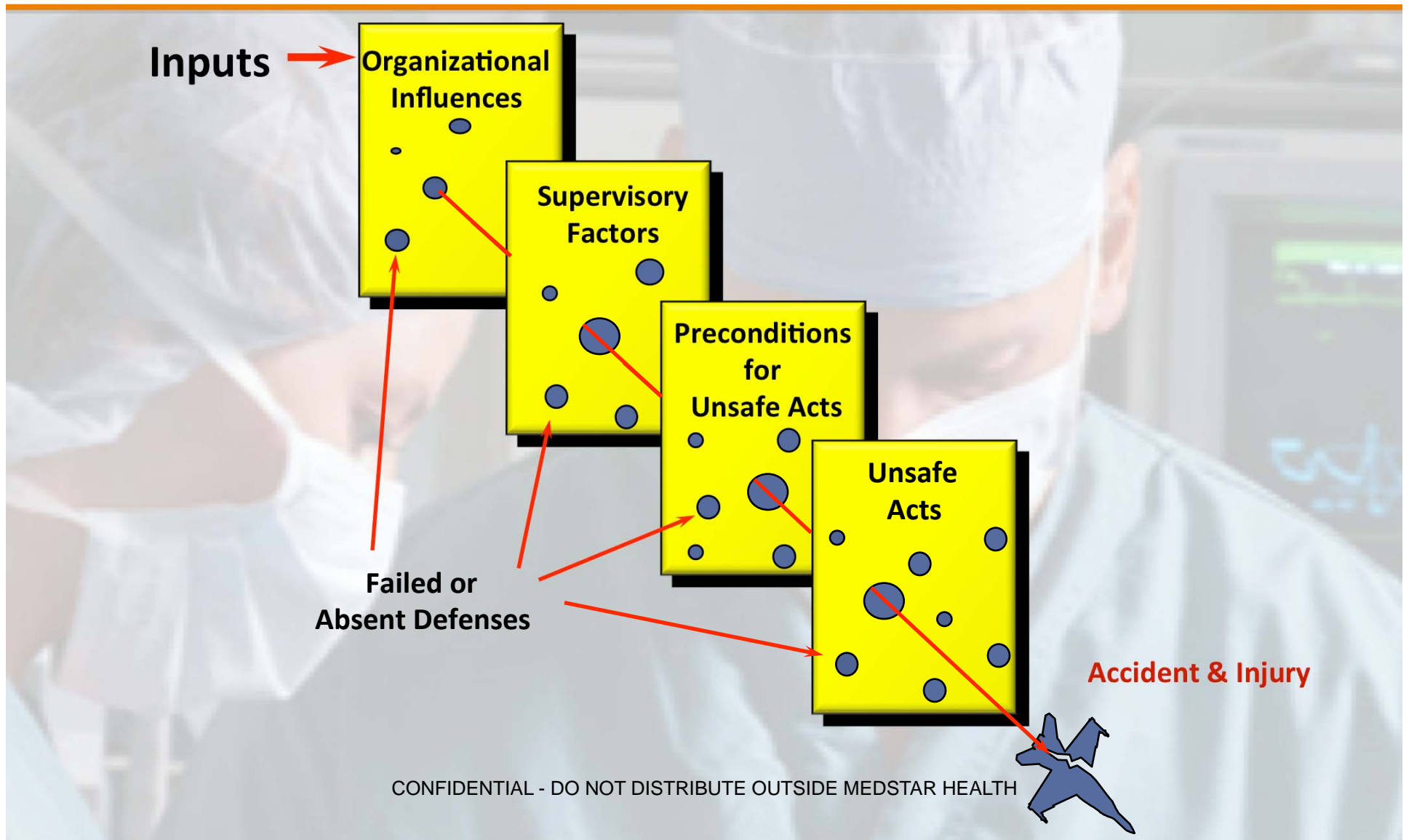
HUMAN ERROR

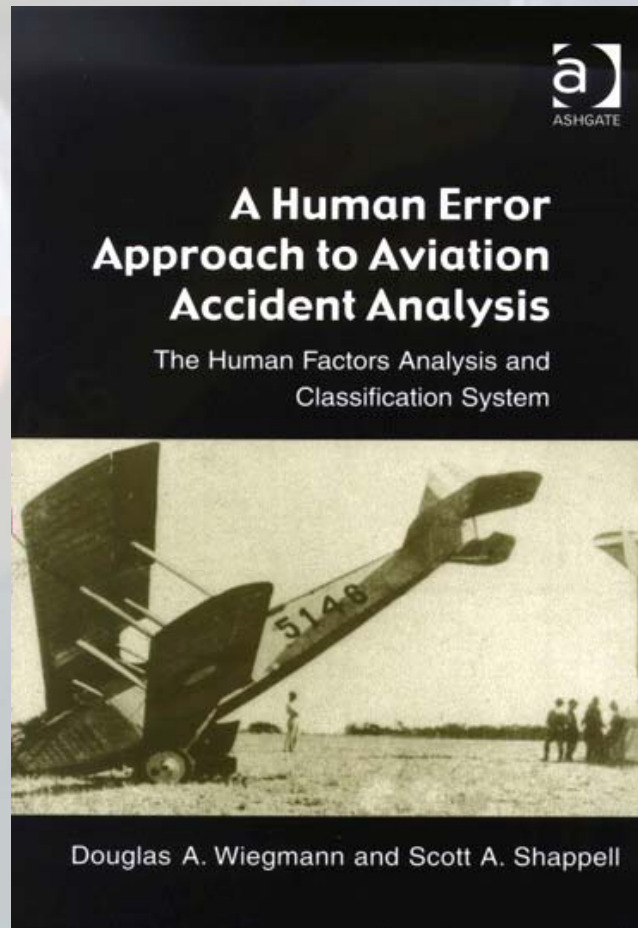
JAMES REASON



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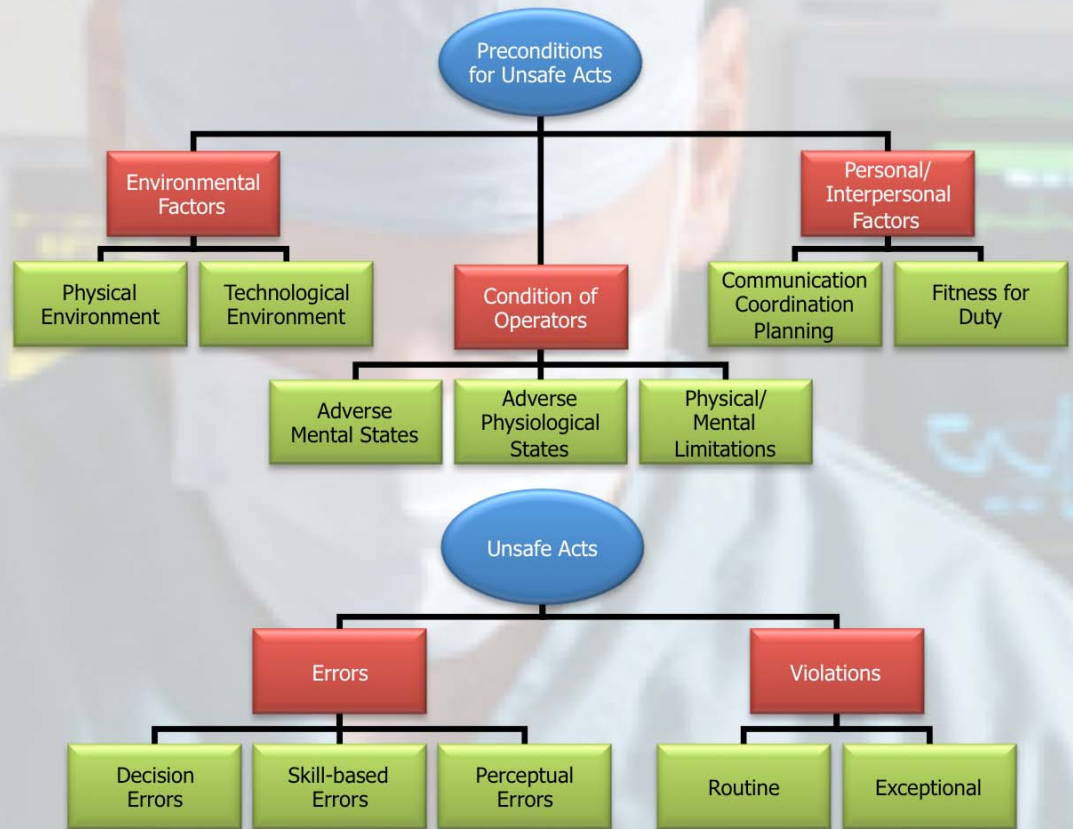
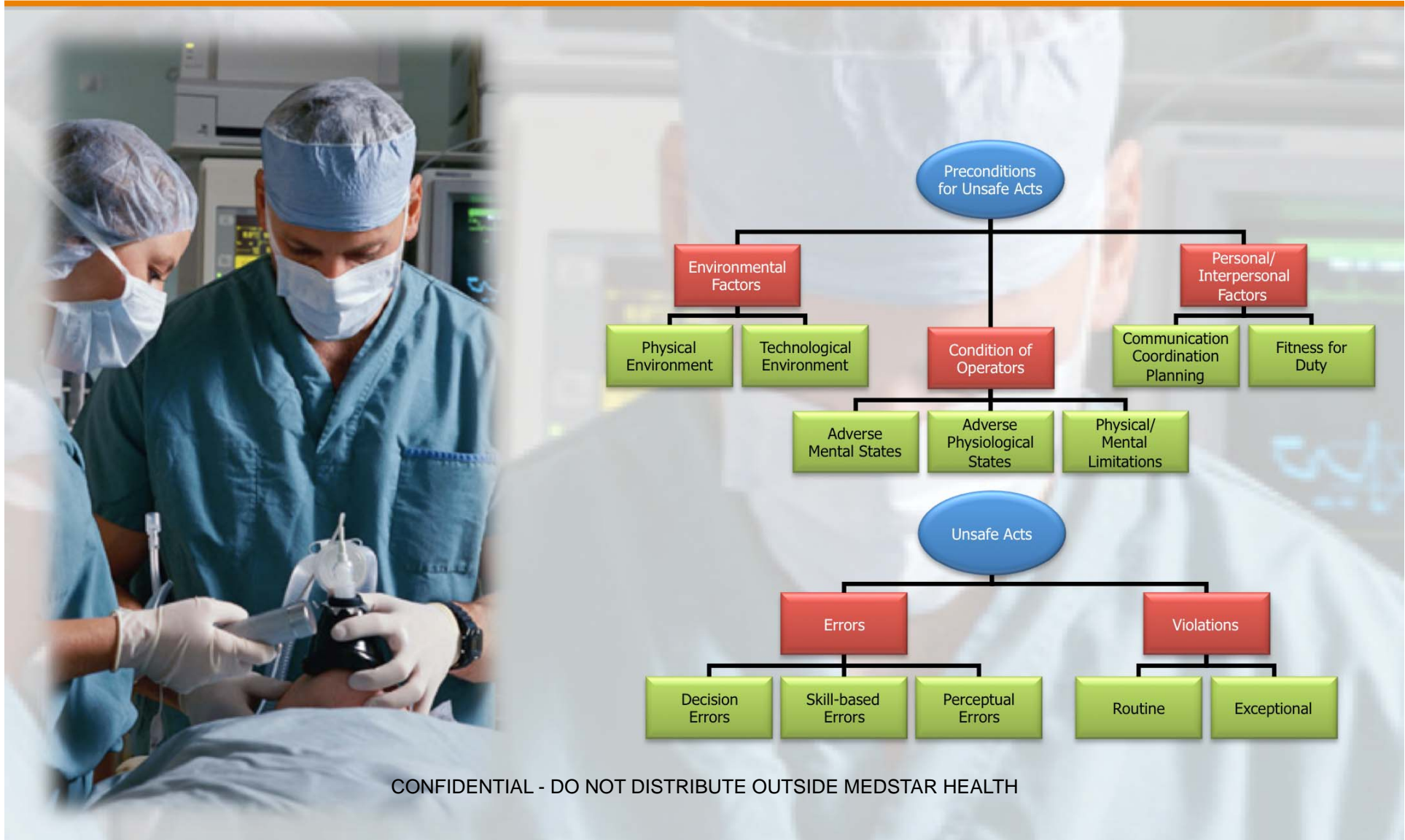
Swiss Cheese Model of Human Error



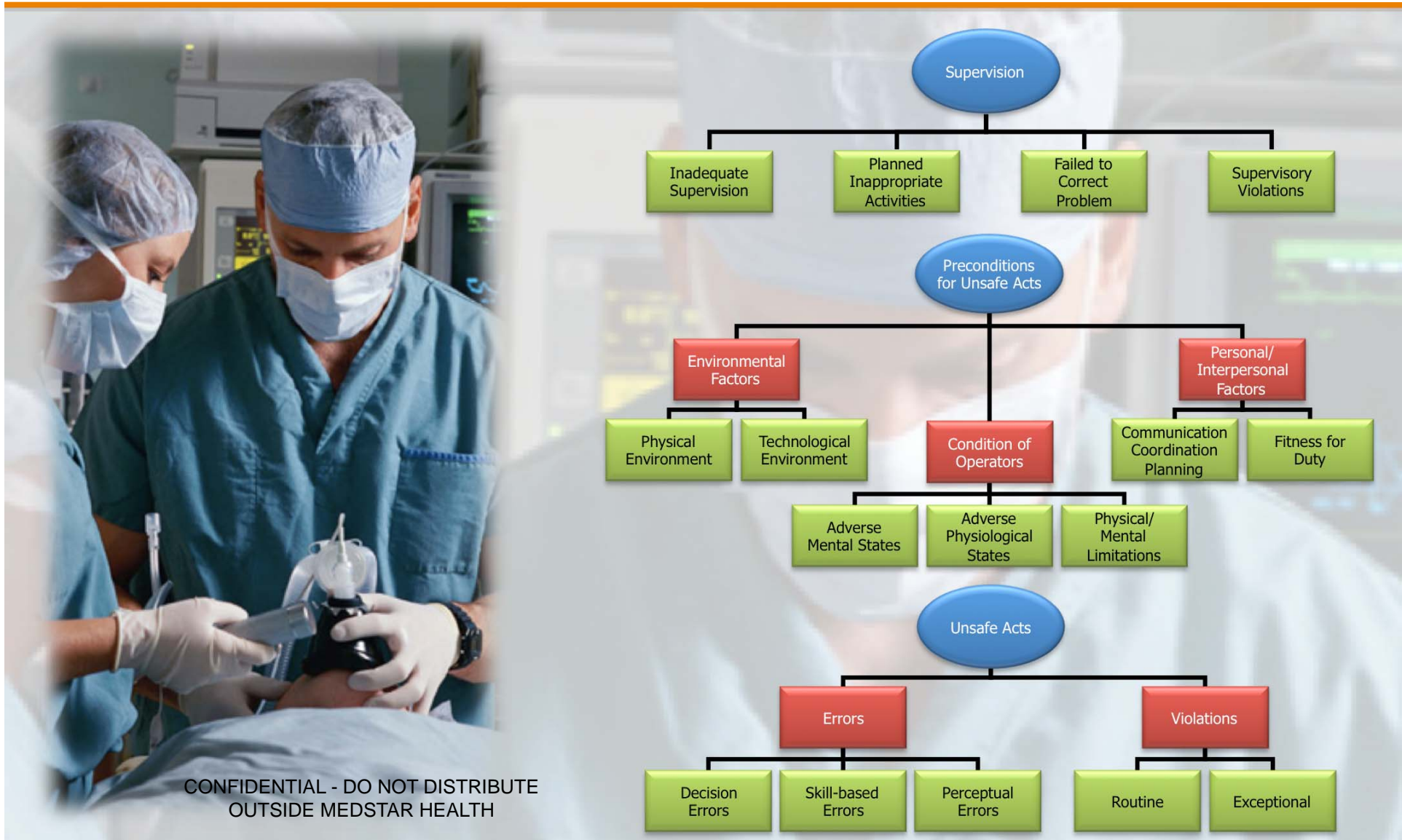




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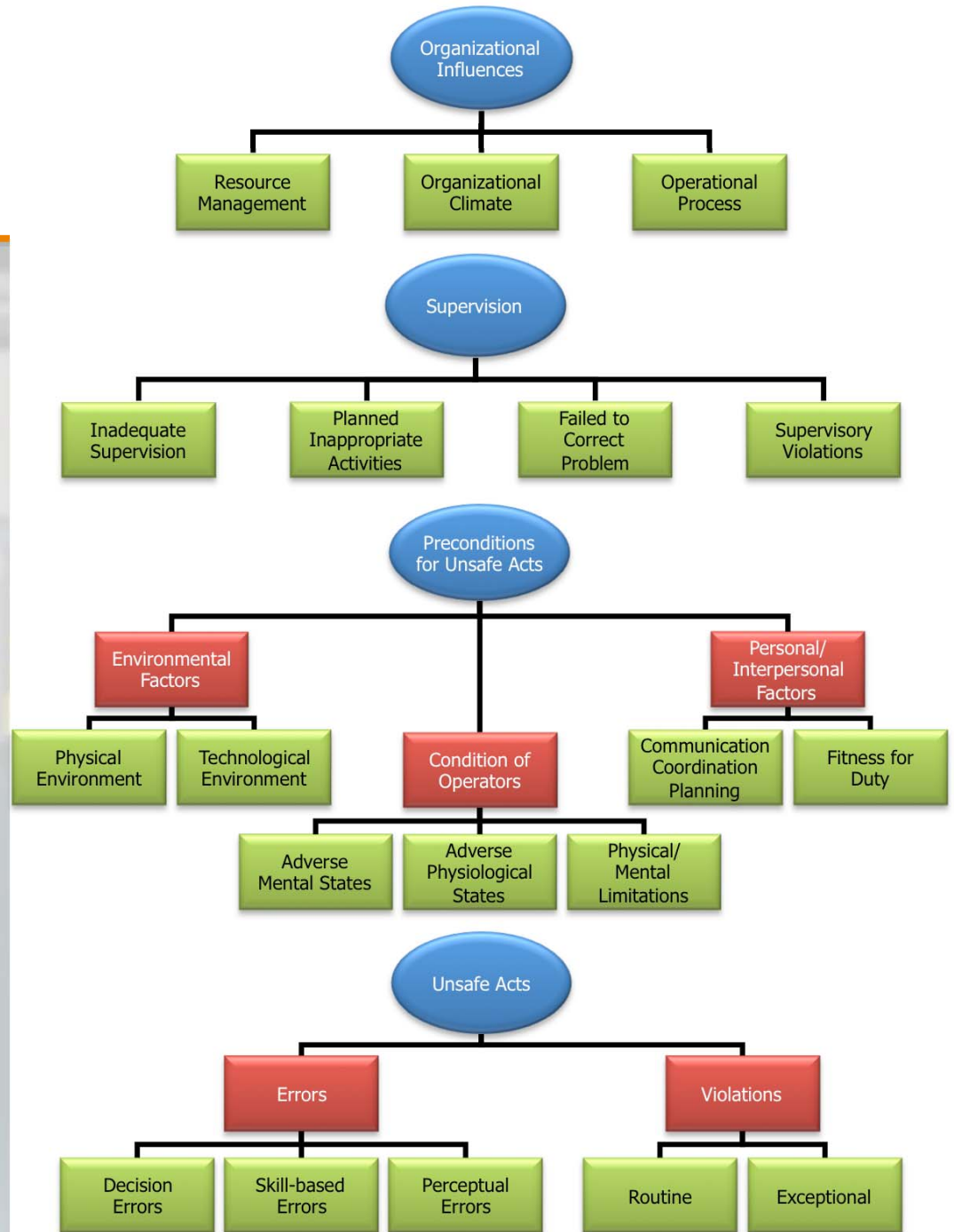
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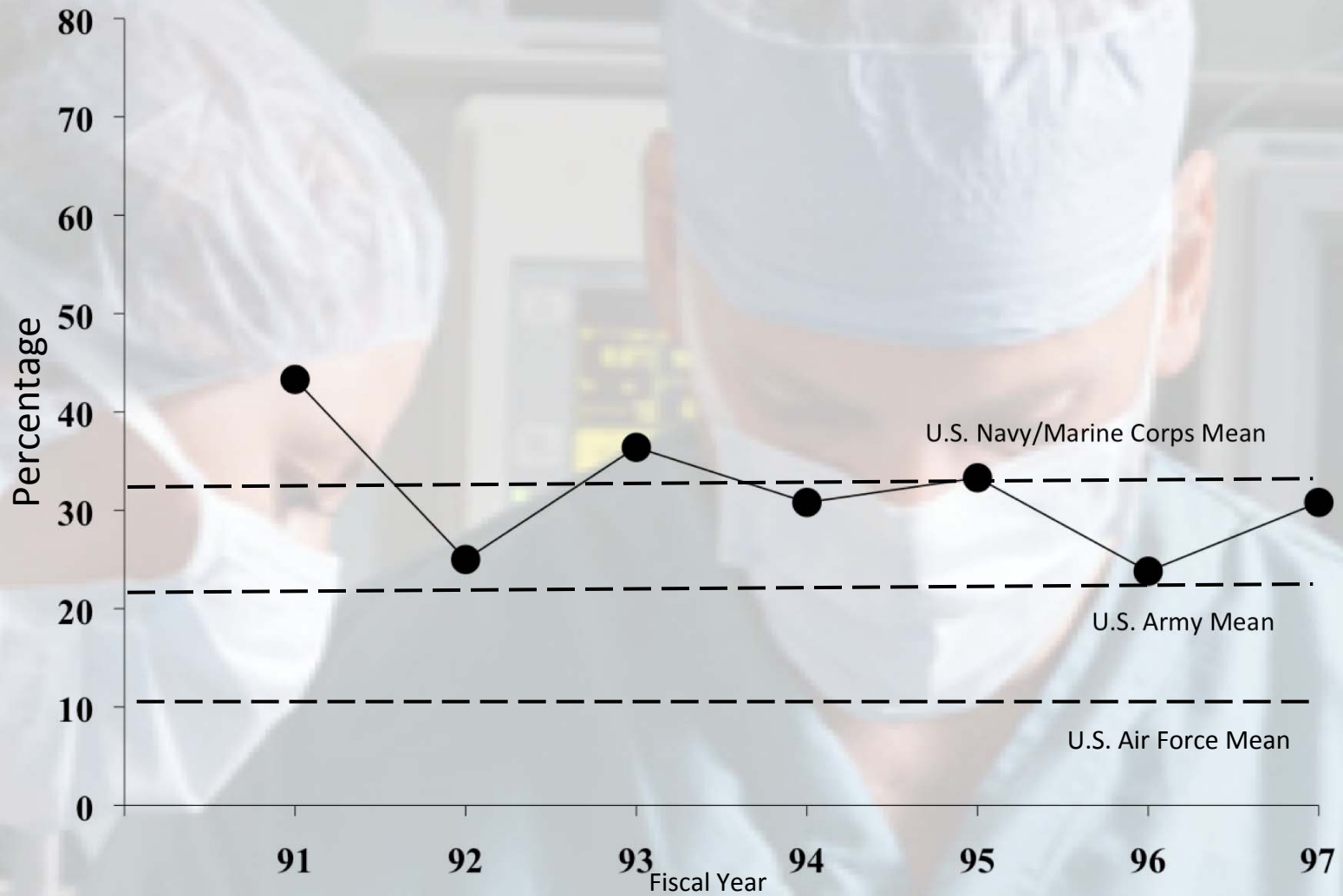
U.S. Navy/Marine Corps



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Percentage of Human Error Mishaps Associated with Violations (FY 91-97)



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Fine-grained Analysis



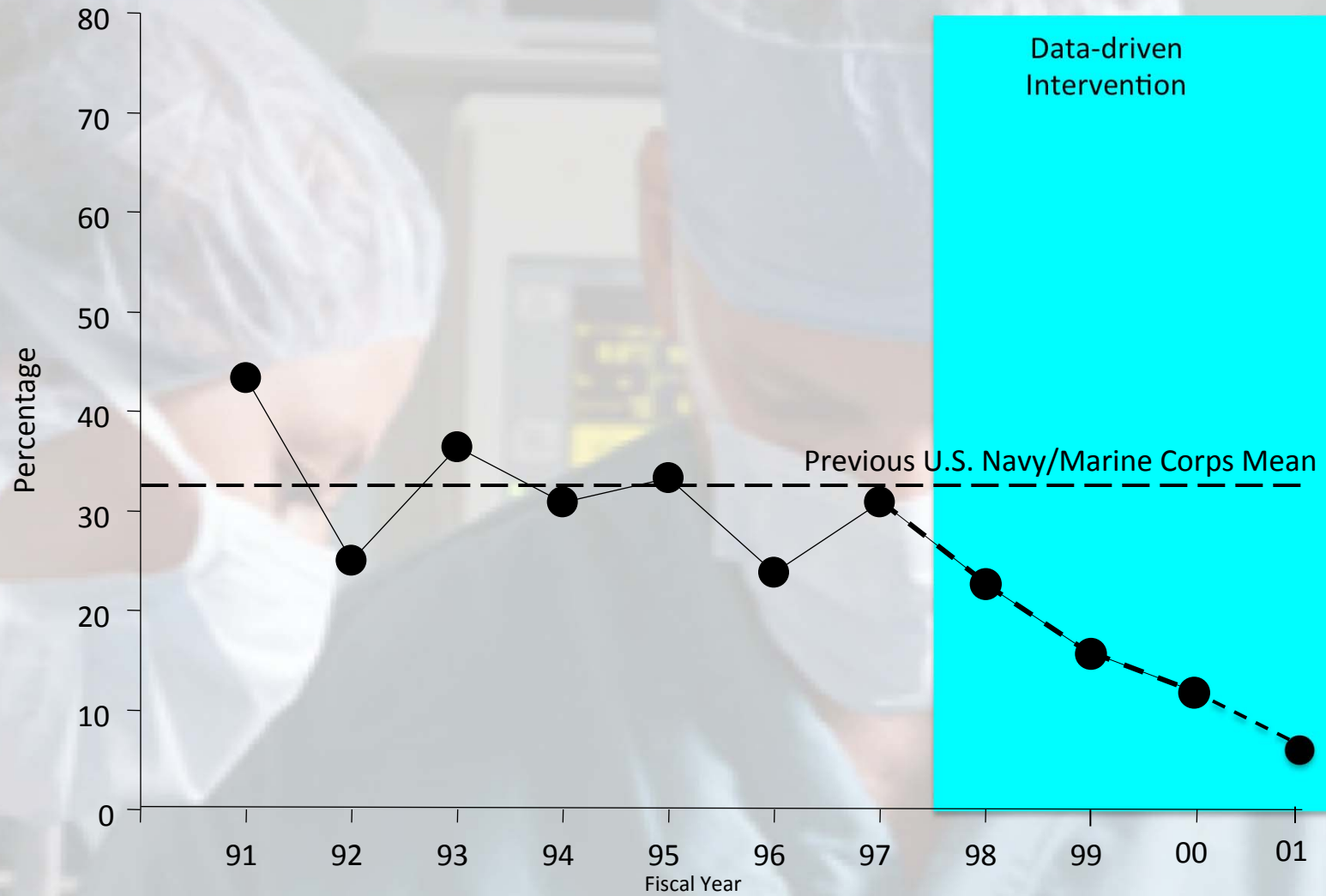
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Intervention Strategy



- **Professionalism**
- **Enforce the Rules**
- **Establish Accountability**

Violations: Did it work?



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Questions



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