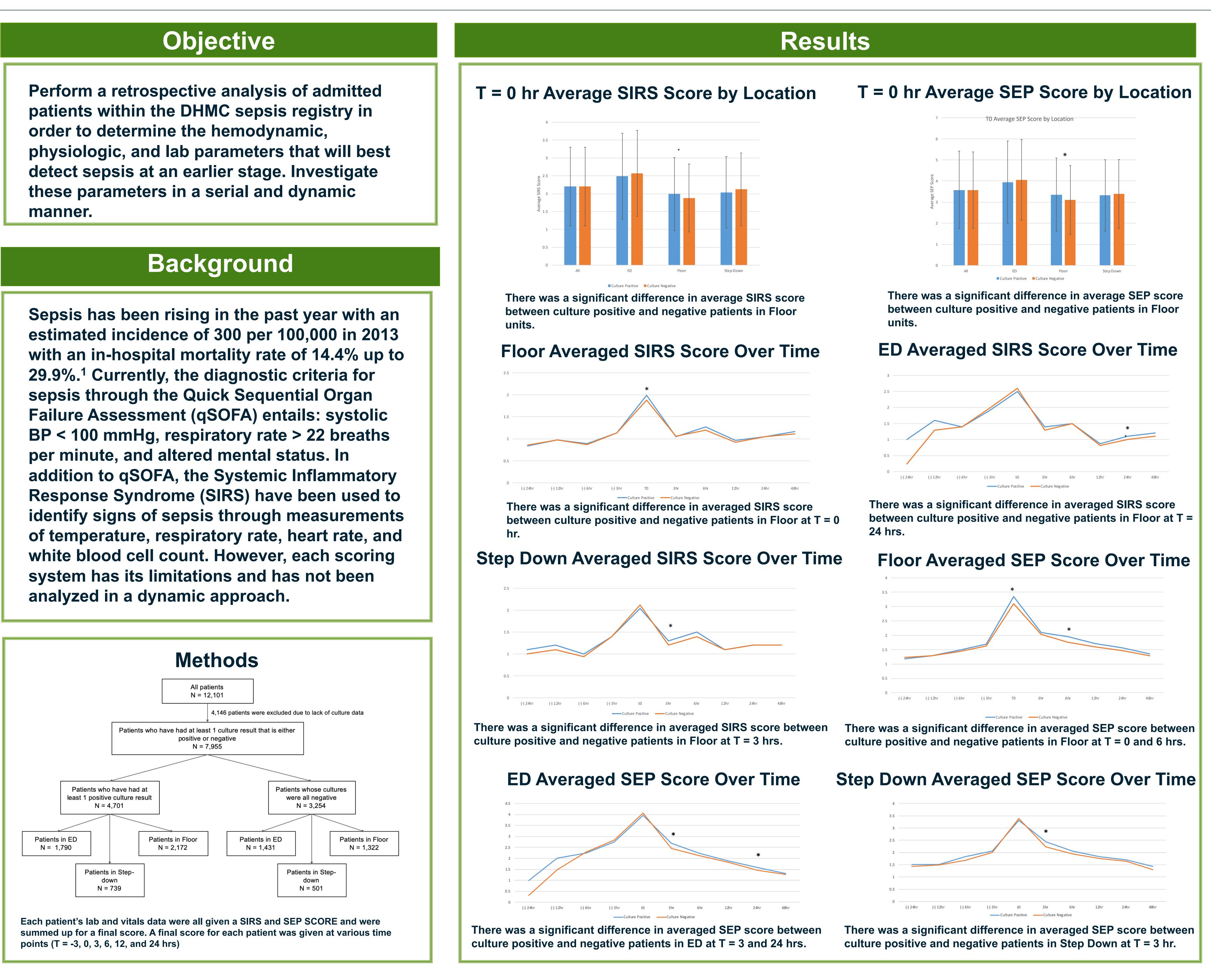
Investigating the Dynamic and Static Criteria in the Diagnosis of Sepsis Jada English, Phuong Nguyen, Harman S. Gill M.D. Geisel School of Medicine, Hanover, NH 03755





Conclusions

Amending the current SIRS criteria to a more dynamic SEP criteria leads to statistically significant differences in culture results and location of sepsis patients within the hospital. Changing the SIRS criteria to broaden the definition of what it means to have sepsis has indications for a patients clinical course. Adding the parameters of systolic blood pressure, diastolic blood pressure, lactate levels impacts the clinical course of a patient with or without sepsis.

Future Research

Next steps for this research involves performing time analysis and location analysis for each culture collected from the patients. This will allow us to evaluate for differences in sepsis diagnosis within different lab cultures including blood, urine, and CSF. This analysis will also extend to the locations of BPA firing among patients in different locations in the hospital including the emergency department, the floor and step down.

Reference

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